

# **XG Specifications** v 2.00

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Yamaha Corporation

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# 1. Overview of the XG Format

Yamaha has developed a new tone-generator control format designed to meet the requirements of the new multimedia generation. This new "XG" format—an extension of the existing GM format—provides broader capabilities suited to the demands of an increasingly sophisticated and diversified computerized environment. This new format enables a significantly higher level of musical expressiveness while at the same time ensuring the continued compatibility of existing sound data.

Yamaha shall use the XG format as the basis for forthcoming electronic instruments, music software, and tone-generating LSI circuitry, while working to maintain compatibility and scalability among Yamaha models.

# 1.1. Development Background

Tone generators are utilized in a wide range of devices, from musical instruments to communications devices and computer games. The first international MIDI standard arose from the need to enable consistent external control of tone generators on all device types, regardless of manufacturer or model. Because tone generator voice arrangements tended to vary considerably among manufacturers and models, however, different MIDI devices often produced different types of sound in response to identical MIDI instructions.

In 1991, the MIDI standard committee enacted additional specifications, referred to as the GM (General MIDI) standard, for the purpose of standardizing voice arrangements and improving MIDI uniformity. The GM standard significantly enhanced acoustical compatibility among complying devices, leading in turn to an expanding base of GM software applications. But the GM standard also has its limitations. It provides support for only 128 voices, whereas many users now perceive the need for a greater number of voices suited to a wider range of musical genres. Users have also indicated a desire for greater control over voice modifications and effects so as to enable a higher level of expressiveness.

The advent of computer-based multimedia has added yet a different perspective, bringing increased attention to both image and sound technologies. Developments in multimedia-related sound and music processing parallel recent advances in the area of image compression, and are pointing the way to the future of multimedia. At present there are two fundamentally different approaches to the handling of sound and control data. One method is to digitally store sound data at the software side together with the control data, then send all of the data together to generate the playback. The second method is to have the software supply only control data to a tone generator installed on or connected to a computer. The tone generator processes the incoming data and generates the sound locally.

The first method offers highly realistic sound, but requires immense quantities of data and locks in a specific set of performance characteristics and voices. The second method requires far less data while allowing for entirely free variations in voices, tempos, and virtually all other performance characteristics. The second method is therefore ideal for interactive multimedia applications such as karaoke and repetitive computer-game sounds. MIDI-based applications are typical of this second type of approach. As multimedia technology advances, we face a pressing need to expand this approach to accommodate a larger number of voices and greater degree of expressive control. This is why Yamaha is pleased to propose the new XG format—the tone generator format for the 21st century.

# 1.2. Basic Concepts

The XG format maintains the universality and compatibility of the MIDI and GM standards while significantly increasing the range of expressiveness and ensuring data continuity.

Specifically, the XG format does the following.

- Enables production of extremely expressive sound data
- Significantly expands available voice types and variations
- Supports future compatibility of sound data among musical instruments, computers, and other devices
- Ensures that data will remain fully usable well into the future
- Supports standardized handling of new types of effects-inclusive data (such as karaoke data)

The XG format is founded on the following three principles:

- Compatibility
- Scalability
- Expandability

#### 1. Compatibility

XG-compatible song data will be played back faithfully on any XG device, regardless of its model or manufacturer. Because the XG format maintains upward compatibility with the GM format, XG devices will also provide correct reproduction of GM sound data.

# 2. Scalability

Although the XG format provides detailed and extensive specification of voice sets and voice changes, it does not require XG machines to support the full range of functions. Designers are free to develop a wide range of products to meet various cost and performance objectives. Each XG machine will replay XG data in accordance with the device's level of sophistication. If a model does not support a variation voice, it will automatically play the corresponding basic voice instead. If a model includes a graphic equalizer, it can take full advantage of graphic equalizer functions so as to control frequency characteristics to best suit the musical genre being played—from lively rock to soothing classical.

#### 3. Expandability

The XG format remains open to enhancements and extensions that will allow it to remain in step with future product developments.

#### 1.3. Extensions From GM

XG adds the following extensions to the GM standard.

• Number of Voices

The GM format supports 128 voices. The XG format provides for Bank Select messages that significantly expand the number of voices supported.

1. Voice Extension by Bank Select LSB

Variations of basic GM voices are stored in banks. Each bank is associated with a specific type of variation, so that voices are easy to located.

#### 2. Bank Select MSB adds an SFX bank

The Bank Select LSB method is not useful for extension of distinctive SFX voices that have no meaningful variation (i.e., no meaningful substitution). For this reason the XG format supports a full SFX bank of extension effects, which you can select by sending a Bank Select MSB value of 40H. Bank Select MSB 7Eh or 7Fh, in contrast, can be used to set any channel to rhythm-part play.

#### Voice Modification

The XG format allows creation of extremely expressive control data that can darken or lighten voices, delay or accelerate sound start-up, or implement many other types of control. Most controls are issued by Control Change messages, although System Exclusive messages are also used for detailed control.

#### Effects

The XG format offers high-level effects support, enabling control of effects types, circuit operation, and internal parameter settings for both basic and elaborate effects. Devices equipped with graphic equalizers will be able to modify ambiance and sound to suit the specific type of music being played.

# • External Input

Whereas existing tone generators create sound in response to internal data only, the XG format provides for real-time participation by adding support for input of external audio signals. External signals can be processed by the mixer in the same way as internal tone-generator data. A model that supports this function would allow you, for example, to create karaoke data that can automatically set the microphone echo used for playback.

# 1.4. Newly Supported MIDI Messages (Added Messages Not Supported under GM)

## 1. Control Change

Bank Select

Portamento Time

Portamento

Sostenuto

Soft Pedal

Harmonic Content

Release Time

Attack Time

**Brightness** 

Portamento Control

Effect Send 1 (Reverb)

Effect Send 3 (Chorus)

Effect Send 4 (Variation)

NRPN-based control of part parameters and drum setup parameters

All Sound Off

# 2. Channel Mode Messages

# 3. Polyphonic Aftertouch

# 4. System Exclusive Messages

Parameter Change

**System Parameters** 

**Effect Parameters** 

Three system effect units are supported. One of these units can be switched to an insertion effect. Master EQ and multiple insertion effects are supported as options.

Part Parameters

Filter cutoff and AEG value can be controlled by an offset value.

**Display Parameters** 

**External Input Control Parameters** 

Drum Setup Parameters

Bulk Dump

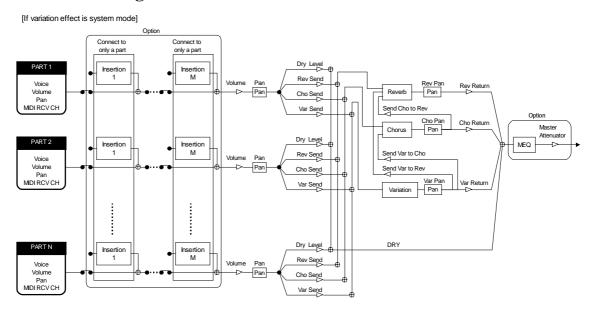
Parameter Request

**Dump Request** 

# 2. Tone-Generation Model

This chapter explains the XG system's overall structure and tone-generation model. It is explains how these are related to the major tone-generation parameters.

# 2.1. Overall Design



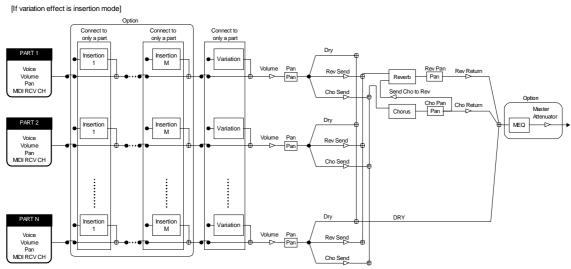


Fig. 1 Overall Design

Figure 1 shows the overall structure of the XG tone-generator design. The tone generation consists of multiple parts, together with an effects section that operates on the output of these parts (where the insertion effects, master EQ, and master attenuator are provided as optional effects). The manner in which the effects section is connected varies according to whether the variation effect mode is set to "system mode" or "insertion mode." For details about insertion effects, see Section 4 below.

# 2.2. Tone-Generation Model

Figure 2 shows the XG tone-generation model. Specifically, the Figure shows the model of the tone-generation module provided for each part. The module includes an oscillator, LPF, amplifier, and pan (with HPF and EQ available as options).

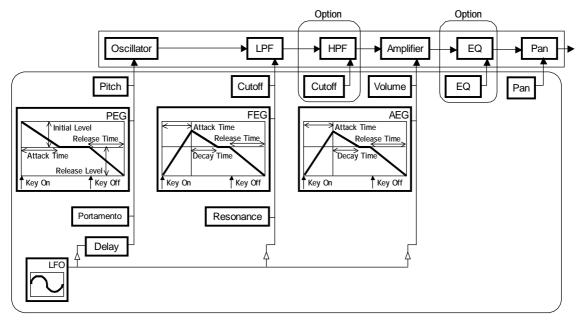


Fig. 2 Tone-Generation Model

The module includes a pitch envelope generator (PEG) that time-modulates the pitch, an amplitude envelope generator (AEG) that time-modulates the volume, and a filter envelope generator (FEG) that time-modulates the low-pass-filter's cutoff frequency. An LFO (low frequency oscillator) implements periodic modulation of pitch, filtering, and volume.

These features are mainly controlled using the various part parameters that can be set for each part.

# 2.3. Correspondence Between Parameters and Tone-Generation Model

MIDI messages operate on one the modules shown in Fig. 2. This section shows which module(s) each message operates on.

Abbreviations used in the tables below are as follows.

MIDI: Data received through MIDI messages.

**PART**: Part parameters

**SYS**: System parameters

**DSU**: Drum setup parameters

**VCE**: Values set by voice parameters

Data sources are indicated as follows.

MIDI: BEND denotes Pitch Bend data.

MIDI: MW denotes data from Modulation Wheel.

MIDI: CAT is channel aftertouch data.

MIDI: PAT is Polyphonic aftertouch data.

MIDI: AC1 is data from Assignable Controller #1.

MIDI: AC2 is data from Assignable Controller #2.

PITCH - VCE: Pitch

- MIDI: NOTE NUMBER

- MIDI: VELOCITY

- MIDI: BEND

- MIDI: MW

- MIDI: CAT

- MIDI: PAT

- MIDI: AC1

- MIDI: AC2

- MIDI: FINE TUNING

- MIDI: COARSE TUNING

- SYS: MASTER TUNE

- SYS: TRANSPOSE

- PART: NOTE SHIFT

- PART: DETUNE

- PART: MW PITCH CONTROL
- PART: BEND PITCH CONTROL (MIDI: PITCH BEND SENSITIVITY)
- PART: SCALE TUNING C...B
- PART: CAT PITCH CONTROL
- PART: PAT PITCH CONTROL
- PART: AC1 PITCH CONTROL
- PART: AC2 PITCH CONTROL
- DSU: PITCH COARSE (MIDI: DRUM PITCH COARSE)
- DSU: PITCH FINE (MIDI: DRUM PITCH FINE)
- DSU: VELOCITY PITCH SENSITIVITY
- PEG VCE: PEG
  - PART: EG ATTACK TIME (MIDI: ATTACK TIME, MIDI: EG ATTACK TIME)
  - PART: EG DECAY TIME (MIDI: EG DECAY TIME)
  - PART: EG RELEASE TIME (MIDI: RELEASE TIME, MIDI :EG RELEASE TIME)
  - PART: PITCH EG INITIAL LEVEL
  - PART: PITCH EG ATTACK TIME
  - PART: PITCH EG RELEASE LEVEL
  - PART: PITCH EG RELEASE TIME
- PORTAMENTO PART: PORTAMENTO SWITCH (MIDI: PORTAMENTO)
  - PART: PORTAMENTO TIME (MIDI: PORTAMENTO TIME)
- LFO VCE: LFO
  - MIDI: BEND
  - MIDI: MW
  - MIDI: CAT
  - MIDI: PAT
  - MIDI: AC1
  - MIDI: AC2
  - PART: VIBRATO RATE (MIDI: VIBRATO RATE)
  - PART: VIBRATO DEPTH (MIDI: VIBRATO DEPTH)

- PART: MW LFO PMOD DEPTH

- PART: MW LFO FMOD DEPTH

- PART: MW LFO AMOD DEPTH

PART: BEND LFO PMOD DEPTH

PART: BEND LFO FMOD DEPTH

- PART: BEND LFO AMOD DEPTH

- PART: CAT LFO PMOD DEPTH

- PART: CAT LFO FMOD DEPTH

- PART: CAT LFO AMOD DEPTH

- PART: PAT LFO PMOD DEPTH

- PART: PAT LFO FMOD DEPTH

- PART: PAT LFO AMOD DEPTH

- PART: AC1 LFO PMOD DEPTH

- PART: AC1 LFO FMOD DEPTH

- PART: AC1 LFO AMOD DEPTH

- PART: AC2 LFO PMOD DEPTH

- PART: AC2 LFO FMOD DEPTH

- PART: AC2 LFO AMOD DEPTH

DELAY - VCE: LFO DELAY

- PART: VIBRATO DELAY (MIDI: VIBRATO DELAY)

#### LOW-PASS-FILTER CUTOFF - VCE: LPF CUTOFF FREQUENCY

- MIDI: VELOCITY

- MIDI: BEND

- MIDI: MW

MIDI: CAT

- MIDI: PAT

- MIDI: AC1

- MIDI: AC2

- PART: FILTER CUTOFF FREQUENCY (MIDI: BRIGHTNESS, MIDI: FILTER CUTOFF FREQUENCY)

- PART: MW FILTER CONTROL

- PART: BEND FILTER CONTROL

- PART: CAT FILTER CONTROL

- PART: PAT FILTER CONTROL

- PART: AC1 FILTER CONTROL

- PART: AC2 FILTER CONTROL

- DSU: CUTOFF (MIDI: DRUM FILTER CUTOFF FREQUENCY)

- DSU: VELOCITY CUTOFF SENSITIVITY

#### LOW-PASS-FILTER RESONANCE - VCE: FILTER RESONANCE

- PART: RESONANCE (MIDI: HARMONIC CONTENT,

MIDI: FILTER RESONANCE)

- DSU: RESONANCE (MIDI: DRUM FILTER RESONANCE)

# HIGH PASS FILTER CUTOFF - VCE: HPF CUTOFF FREQUENCY

PART: HPF CUTOFF FREQUENCY (MIDI: HPF CUTOFF FREQUENCY)

- DSU: HPF CUTOFF FREQUENCY (MIDI: DRUM HPF CUTOFF FREQUENCY)

FEG - VCE: FEG

- PART: EG ATTACK TIME (MIDI: ATTACK TIME, MIDI: EG ATTACK TIME)

- PART: EG DECAY TIME (MIDI: EG DECAY TIME)

- PART: EG RELEASE TIME (MIDI: RELEASE TIME, MIDI: EG RELEASE TIME)

VOLUME - VCE: VOLUME

- MIDI: VELOCITY

- MIDI: BEND

MIDI: MW

MIDI: CAT

- MIDI: PAT

MIDI: AC1

- MIDI: AC2

- MIDI: EXPRESSION

- SYS: MASTER VOLUME
- SYS: MASTER ATTENUATOR
- PART: VOLUME (MIDI: MAIN VOLUME)
- PART: VELOCITY SENSE DEPTH
- PART: VELOCITY SENSE OFFSET
- PART: MW AMPLITUDE CONTROL
- PART: BEND AMPLITUDE CONTROL
- PART: CAT AMPLITUDE CONTROL
- PART: PAT AMPLITUDE CONTROL
- PART: AC1 AMPLITUDE CONTROL
- PART: AC2 AMPLITUDE CONTROL
- DSU: LEVEL (MIDI: DRUM LEVEL)

#### AEG - VCE: AEG

- PART: EG ATTACK TIME (MIDI: ATTACK TIME, MIDI: EG ATTACK TIME)
- PART: EG DECAY TIME (MIDI: EG DECAY TIME)
- PART: EG RELEASE TIME (MIDI: RELEASE TIME, MIDI: EG RELEASE TIME)
- DSU: EG ATTACK (MIDI: DRUM EG ATTACK RATE)
- DSU: EG DECAY1 (MIDI: DRUM EG DECAY RATE)
- DSU: EG DECAY2 (MIDI:DRUM EG DECAY RATE)

## EQ - PART: EQ BASS

- PART: EQ TREBLE
- PART: EQ MID-BASS
- PART: EQ MID-TREBLE
- PART: EQ BASS FREQUENCY
- PART: EQ TREBLE FREQUENCY
- PART: EQ MID-BASS FREQUENCY
- PART: EQ MID-TREBLE FREQUENCY
- PART: EQ BASS Q
- PART: EQ TREBLE Q
- PART: EQ MID-BASS Q
- PART: EQ MID-TREBLE Q

- PART: EQ BASS SHAPE

- PART: EQ TREBLE SHAPE

PAN - VCE: PAN

- PART: PAN(MIDI:PANPOT)

- DSU: PAN(MIDI:DRUM PAN)

# 3. MIDI Specifications

This chapter sets forth the specifications or the MIDI messages that should be supported under XG. Messages are grouped into sections as indicated below.

- 3.1. Channel Messages
  - 3.1.1. Key On / Key Off
  - 3.1.2. Program Change
  - 3.1.3. Channel Aftertouch
  - 3.1.4. Polyphonic Aftertouch
  - 3.1.5. Pitch Bend
  - 3.1.6. Control Change
  - 3.1.7. Channel Mode Messages
- 3.2. System Exclusive Messages
  - 3.2.1. XG System Exclusives
    - 3.2.1.1. System Data Parameters
    - 3.2.1.2. System Information
    - 3.2.1.3. Multi Effect Data Parameters
    - 3.2.1.4. Multi EQ Data Parameters
    - 3.2.1.5. Insertion Effect Data Parameters
    - 3.2.1.6. Display Data Parameters
    - 3.2.1.7. Multi-Part Data Parameters
    - 3.2.1.8. AD Part Data Parameters
    - 3.2.1.9. Drum Setup Data Parameters
  - 3.2.2. Yamaha System Exclusive
  - 3.2.3. Universal System Exclusive

#### A Note about Typographical Conventions

Feature explanations that are not preceded by a special heading are *required*. The <u>Optional</u> heading indicates a feature that is optional, while the <u>Recommended</u> heading indicates a feature or capability whose implementation is recommended for purposes of compatibility. The <u>Note to XG Data Writers</u> heading indicates noteworthy information related to generation of XG data.

Hexadecimal values always have an H suffix (as in 00H); a value without an H suffix is a decimal value. Uppercase A to F represent hexadecimal digits, whereas other uppercase letters and all lowercase letters may be used to represent variables.

# 3.1. Channel Messages

# 3.1.1. Key On / Key Off

Status: 9nH/8nH

If multi-part parameter "Rcv NOTE MESSAGE" is OFF, the part ignores these messages. Note that playback of received Key ON messages takes priority over other play. Specifically, if there are currently no resources left to play the sound for the received Key On, the system shall shut off a playing note or take other such action so as to obtain the resource and play the Key ON. There are no specific rules provided for determining which note of which part shall be shut off to get the required resource.

<u>Recommended:</u> If a Key Off is received for a note and there are multiple instances of that note currently playing, the Key Off should preferably switch off the first received of these notes.

# 3.1.2. Program Change

Status: CnH

Default: 00H

If multi-part parameter "Rcv NOTE MESSAGE" is OFF, the part ignores these messages.

#### **Melody Voices**

As shown in Attached Chart 6, voices can be added through use of Bank Select LSB. (Refer to explanation of Bank Select.)

#### **Rhythm Voices**

As shown in Attached Chart 7, Program Change messages can be used to change the voice (drum kit). If the tone generator does not have a drum kit corresponding to the specified program number, it will ignore the message and continue to use the current drum kit.

<u>Example:</u> Assume that Analog Kit is selected on part 2, and then part 2 is changed to Piano. If Part 2 is then changed to a drum kit that is not supported by the tone generator, it shall revert to playing the Analog Kit.

If the part mode is set to Drum Setup, this message initializes the settings. Even if the message simply reselects the currently selected kit, the settings shall be reinitialized.

<u>Example:</u> Assume that Part 10 is set to Drum Setup 1, and NRPN or other means have been used to adjust the filter cutoff for the Snare at Note Number 38. If the Program Change message is then received and reselects the same kit, the snare cutoff shall revert to the kit's snare default value.

#### **Part Mode**

If Program Change makes a change from normal voice to drum kit, the part mode shall revert to what it was before normal mode was invoked. Upon receipt of XG System On, the system shall virtually set this "revert-to" mode to Drum Setup 2 for all Parts 1 to 16, except for Part 10.

Example: If Part 2 is set to Drum Kit after XG System On, it shall be set to Drum Setup 2 mode.

<u>Example:</u> If Part 3 is changed from Drum Setup 1 to Normal Mode and then changed, by Program Change, to Drum Kit, it shall be set to Drum Setup 1 mode.

<u>Example:</u> If Part 4 is changed from Drum Setup 1 to Drum Mode, and then to Normal Mode, and then by Program Change to Drum Kit, it shall be set to Drum Mode.

<u>Note to XG Data Writers</u>: The Bank Select message should always be sent, even if you are not changing the bank.

# 3.1.3. Channel Aftertouch

Status: DnH

If Multi-Part Parameter "Rcv CHANNEL AFTERTOUCH" is OFF, the part will ignore this message.

The tone-generation parameters that will get channel aftertouch, as well as the depth of this aftertouch, are as set by part parameters at addresses 08H nnH 4DH to 52H (CAT pitch control – CAT LFO AMOD control). By default, channel aftertouch is not used.

# 3.1.4. Polyphonic Aftertouch

Status: AnH

If Multi-Part Parameter "Rcv POLYPHONIC AFTERTOUCH" is OFF, the part will ignore this message.

Note that it is not necessary to extend this effect to all note numbers 0 to 127. The tone-generation parameters that will get polyphonic aftertouch, as well as the depth of this aftertouch, are as set by part parameters at addresses 08H nnH 53H to 58H (PAT pitch control – PAT LFO AMOD control). By default, polyphonic aftertouch is not used.

# 3.1.5. Pitch Bend

Status: EnH

Default: 40H 00H

If Multi-Part Parameter "Rcv PITCH BEND" is OFF, the part will ignore this message.. The targeted tone-generation parameters, as well as the depth, are as set by part parameters at addresses 08H nnH 23H to 28H (BEND pitch control – BEND LFO AMOD control). By default, Pitch Bend is set to apply to pitch only.

# 3.1.6. Control Change

Status: BnH

If Multi-Part Parameter "Rcv CONTROL CHANGE" is OFF, the part will ignore all Control Change messages other than Channel Mode messages.

#### 3.1.6.1. Bank Select MSB / LSB

Ctrl#	Parameter	Data Range
00H	Bank Select MSB	0:Normal, 64:SFX voice, 126:SFX kit, 127:Drum
20H	Bank Select LSB	00H7FH
		Default: 00H 00H

If Multi-Part Parameter "Rcv BANK SELECT" is OFF, the part ignores this message.

The Bank Select processing itself is not carried out until a Program Change is received. The Bank Select MSB selects melody voice, SFX voices, or rhythm kit, and makes it possible for channels other than 10 to be designated as rhythm channels. Bank Select MSB values are as follows.

00H: Melody voice

01H,...,3FH: Model-exclusive area

40H: SFX voice

41H,...,77H: Area reserved for XG extensions

78H: GM Level-2 Rhythm Kit (Rhythm voices arranged over keyboard)

79H: GM Level-2 Melody Voice

7AH,...,7DH: Area reserved for XG extensions

7EH: SFX kit (SFX voices arranged over keyboard)

7FH: Rhythm kit (Rhythm voices arranged over keyboard)

The Bank Select LSB expresses an extension area for melody voices. (SFX kit and rhythm kit voices do not currently support Bank Select LSB extension sets.) Each bank is defined as a specific type of variation, simplifying retrieval of the desired voice. Extension voices, like basic voices, have defined names (see Attached Chart 6). Other banks and voices may be added in the future.

Some models do not support all of the LSB-selectable extension voices listed in Attached Chart 6. If support is included for one or more voices in an extension bank, however, then all the other program change numbers in that bank are filled with the corresponding voices of Bank #0 (basic voices).

Note 1: By default, channel 10 plays rhythm voices, while other channels use bank #0 melody voices. (Same as GM system, level 1).

Note 2: If the new Bank Select MSB is 00H (melody voice) but the tone generator does not support the

melody voice corresponding to the last received Bank Select LSB, the channel reverts to the Bank Select LSB corresponding to its most recently played melody voice.

- Note 3: If the new Bank Select MSB is 7FH (rhythm voice) the tone generator unconditionally uses LSB 00H without using the most recently received Bank Select LSB. If the tone generator does not support a drum kit corresponding to the channel's most recently received Program Change, the channel will revert to the Program Change corresponding to its most recently played rhythm kit.
- Note 4: If a Bank Select MSB value of 01H–77H or 7AH–7EH (model-exclusive area, SFX voice, or XG extension voice) is received and the tone generator does not have a voice corresponding to the last received LSB and Program Change, the tone generator shall produce no sound for that channel regardless of subsequent Key On messages.

<u>Note to XG Data Writers:</u> If you are producing song data, please be aware of the following points with respect to the issues presented above.

- The discussion and examples provided above are intended to clarify complex situations relevant to specifications for tone-generator manufacture. During general operation the Bank Select MSB, LSB and Program Change should always be sent together, with an interval of at least 1/480 between each signal.
- In the case where a melody voice is being changed first to a voice in bank-LSB A and then to a voice in bank-LSB B, and the change to A is possible but the change to B is not possible, A will be used as the substitute for B. If neither the change to A nor the change to B is possible, the voice of the previous bank will substituted for A and B.
- In the case where a rhythm voice is being changed first program number kit A and then to program number kit B, and the change to A is possible but the change to B is not possible, A will be used as the substitute for B. If neither the change to A nor the change to B is possible, the voice of the previous bank will substituted for A and B.

#### **3.1.6.2. Modulation**

Ctrl#ParameterData Range01HModulation00H...7FH

Default: 00H

If Multi-Part Parameter "Rcv MODULATION" is OFF, the part ignores this message.

The targeted tone-generation parameters and the depth are as set by part parameters at addresses 08H nnH 1DH to 22H (MW pitch control – MW LFO AMOD control). By default, this message controls vibrato depth (LFO PMOD DEPTH) only.

# 3.1.6.3. Portamento Time

Ctrl#ParameterData Range05HPortamento Time00H...7FH

Default: 00H

Sets the pitch change speed used when Portamento is ON. Has no effect on portamento control. A value of 0 produces the shortest portamento time; a value of 127 produces the longest time. Pitch change is cent linear.

# 3.1.6.4. Data Entry MSB / LSB

Ctrl#	Parameter	Data Range
06H	Data Entry MSB	00H7FH
26H	Data Entry LSB	00H7FH

## **3.1.6.5. Main Volume**

Ctrl#	Parameter	Data Range
07H	Main Volume	00H7FH
		Default: 64H

If Multi-Part Parameter "Rcv MAIN VOLUME" is OFF, the part ignores this message.

Note to XG Data Writers: Use this message to balance the volume among the different parts.

# **3.1.6.6.** Panpot

Ctrl#	Parameter	Data Range
0AH	Panpot	00H7FH (0:L63, 1127:L63R63)
		Default: 40H

If Multi-Part Parameter "Rcv PAN" is OFF, the part ignores this message. This message applies relative change to the pan of each instrument in the rhythm part.

# **3.1.6.7. Expression**

Ctrl# Parameter Data Range

0BH Expression 00H...7FH

Default:7FH

If Multi-Part Parameter "Rcv EXPRESSION" is OFF, the part ignores this message.

Note to XG Data Writers: Use this message to produce intonation-type dynamics during the song.

# **3.1.6.8. Sustain (Hold)**

Ctrl#	Parameter	Data Range
40H	Sustain	00H7FH (063: Off, 64127: On)
		Default: 00H

This setting also affects the release part of the sound following note-off (after-damper effect). If the Multi Part Parameter "Rcv HOLD1" is OFF, the part ignores this message.

# **3.1.6.9. Portamento**

Ctrl#	Parameter	Data Range
41H	Portamento	00H7FH (063: Off, 64127: On)
		Default: 00H

If the Multi Part Parameter "Rcv PORTAMENTO" is OFF, the part ignores this message.

## **3.1.6.10.** Sostenuto

Ctrl#	Parameter	Data Range
42H	Sostenuto	00H7FH (063: Off, 64127:On)
		Default: 00H

If the Multi Part Parameter "Rcv SOSTENUTO" is OFF, the part ignores this message.

## **3.1.6.11. Soft Pedal**

Ctrl#	Parameter	Data Range
CULIN	I WI WIIICUCI	Dava Italia

43H Soft Pedal 00H...7FH (0...63: Off, 64...127: On)

Default: 00H

If the Multi Part Parameter "Rcv SOFT PEDAL" is OFF, the part ignores this message.

#### 3.1.6.12. Harmonic Content

Ctrl#	Parameter	Data Range
-------	-----------	------------

47H Harmonic Content 00H...7FH (0: -64, 64: +0, 127: +63)

Default: 40H

Applies adjustment to the resonance set by the voice. Since this parameter applies relative change, it specifies an increase or decrease relative to 64. On some voices, the effective range is narrower than the range which can be set.

# **3.1.6.13.** Release Time

Ctrl#	Parameter	Data Range
48H	Release Time	00H7FH (0: –64, 64: +0, 127: +63)
		Default: 40H

Applies adjustment to the envelope release time set by the voice. Since this parameter applies relative change, it specifies an increase or decrease relative to 64. On some voices, the effective range is narrower than the range which can be set.

# **3.1.6.14.** Attack Time

Ctrl#	Parameter	Data Range
49H	Attack Time	00H7FH (0: -64, 64: +0, 127: +63)
		Default: 40H

Applies adjustment to the envelope attack time set by the voice. Since this parameter applies relative change, it specifies an increase or decrease relative to 64. On some voices, the effective range is narrower than the range which can be set.

# **3.1.6.15. Brightness**

Ctrl# Parameter Data Range

4AH Brightness 00H...7FH (0: -64, 64: +0, 127: +63)

Default: 40H

Applies adjustment to the filter cutoff frequency set by the voice. Since this parameter applies relative change, it specifies an increase or decrease relative to 64. On some voices, the effective range is narrower than the range which can be set.

#### **3.1.6.16.** Portamento Control

Ctrl#ParameterData Range54HPortamento Control00H...7FH

Portamento time is always 0.

# **3.1.6.17. Effect Send 1 (Reverb)**

Ctrl#ParameterData Range5BHEffect1 Depth00H...7FHDefault: 28H

Adjusts the reverb send.

# **3.1.6.18. Effect Send 3 (Chorus)**

Ctrl#ParameterData Range5DHEffect3 Depth00H...7FHDefault: 00H

Adjusts the chorus send.

# 3.1.6.19. Effect Send 4 (Variation)

Ctrl#ParameterData Range5EHEffect4 Depth00H...7FHDefault: 00H

Adjusts the variation-effect send. Effective only if Variation Connection = System.

# 3.1.6.20. Data Increment/Decrement

Ctrl#	Parameter	Data Range
60H	Increment	00H7FH
61H	Decrement	00H7FH

The data byte is ignored.

# 3.1.6.21. Non-Registered Parameter Number (NRPN) LSB/MSB

Ctrl#	Parameter	Data Range
62H	NRPN LSB	00H7FH
63H	NRPN MSB	00H7FH

If the Multi Part Parameter "Rcv NRPN" is OFF, the part ignores this message.

First transmit the NRPN MSB and NRPN LSB to specify the parameter that you wish to control, and then use Data Entry messages to specify the value of that parameter. Once an NRPN has been set, Data Entry messages subsequently received on that channel will be processed as values for the parameter corresponding to that NRPN.

Receipt of the following NRPN messages shall be supported.

NRI	PN	Data I	Entry	
MSB	LSB	MSB	Parameter	Data Range
01H	08H	mmH	Vibrato Rate	mm:00H-40H-7FH (-640+63)
01H	09H	mmH	Vibrato Depth	mm:00H-40H-7FH (-640+63)
01H	0AH	mmH	Vibrato Delay	mm:00H-40H-7FH (-640+63)
01H	20H	mmH	Filter Cutoff Frequency	mm:00H-40H-7FH (-640+63)
01H	21H	mmH	Filter Resonance	mm:00H-40H-7FH (-640+63)
01H	24H	mmH	HPF Cutoff Frequency	mm:00H-40H-7FH (-640+63)**
01H	25H	mmH	HPF Resonance (reserved)	mm:00H-40H-7FH (-640+63)**
01H	30H	mmH	EQ BASS	mm:00H-40H-7FH (-640+63)**
01H	31H	mmH	EQ TREBLE	mm:00H–40H–7FH (–640+63)**
01H	32H	mmH	EQ MID-BASS (reserved)	mm:00H-40H-7FH (-640+63)**
01H	33H	mmH	EQ MID-TREBLE (reserved)	mm:00H-40H-7FH (-640+63)**
01H	34H	mmH	EQ BASS Frequency	mm:00H–40H–7FH (–640+63)**
01H	35H	mmH	EQ TREBLE Frequency	mm:00H–40H–7FH (–640+63)**
01H	36H	mmH	EQ MID-BASS Frequency (reserved)	mm:00H-40H-7FH (-640+63)**
01H	37H	mmH	EQ MID-TREBLE Frequency (reserved)	mm:00H-40H-7FH (-640+63)**
01H	38H to 0	)1H 3FH a	are reserved for EQ	**
01H	63H	mmH	EG Attack Time	mm:00H-40H-7FH (-640+63)
01H	64H	mmH	EG Decay Time	mm:00H-40H-7FH (-640+63)

<u>Note to XG Data Writers:</u> Once you have completed the desired setting, you should set RPN to Null to prevent inadvertent changes.

MSB parameters 14H to 41H (rhythm parameters) are effective only if the part is in rhythm mode.

14H	rrH	mmH	Drum Filter Cutoff Frequency	mm:00H-40H-7FH (-640+63)
15H	rrH	mmH	Drum Filter Resonance	mm:00H-40H-7FH (-640+63)
16H	rrH	mmH	Drum EG Attack Rate	mm:00H-40H-7FH (-640+63)
17H	rrH	mmH	Drum EG Decay Rate	mm:00H-40H-7FH (-640+63)
18H	rrH	mmH	Drum Pitch Coarse	mm:00H-40H-7FH (-640+63)
19H	rrH	mmH	Drum Pitch Fine	mm:00H-40H-7FH (-640+63)
1AH	rrH	mmH	Drum Level	mm:00H–7FH (0Max)
1CH	rrH	mmH	Drum Pan	mm:00H-40H-7FH (Random,L-Center-R)
1DH	rrH	mmH	Drum Reverb Send	mm:00H-7FH (0Max)
1EH	rrH	mmH	Drum Chorus Send	mm:00H–7FH (0Max)
1FH	rrH	mmH	Drum Variation Send	mm:00H–7FH (0Max)
24H	rrH	mmH	Drum HPF Cutoff Frequency	mm:00H-40H-7FH (-640+63)**
25H	rrH	mmH	Drum HPF Resonance (reserved)	mm:00H-40H-7FH (-640+63)**
30H	rrH	mmH	Drum EQ BASS	mm:00H-40H-7FH (-640+63)**
31H	rrH	mmH	Drum EQ TREBLE	mm:00H-40H-7FH (-640+63)**
32H	rrH	mmH	Drum EQ MID-BASS (reserved)	mm:00H-40H-7FH (-640+63)**
33H	rrH	mmH	Drum EQ MID-TREBLE (reserved)	mm:00H-40H-7FH (-640+63)**
34H	rrH	mmH	Drum EQ BASS Frequency	mm:00H-40H-7FH (-640+63)**
35H	rrH	mmH	Drum EQ TREBLE Frequency	mm:00H-40H-7FH (-640+63)**
36H	rrH	mmH	Drum EQ MID-BASS Freq.(reserved)	mm:00H-40H-7FH (-640+63)**
37H	rrH	mmH	Drum EQ MID-TREBLE Freq.(reserved)	mm:00H-40H-7FH (-640+63)**
38H	rrH to 3	FH rrH are	e reserved for EQ	
	**			
40H	rrH	mmH	Drum VELOCITY PITCH SENS.	mm:00H–0FH (015)**
41H	rrH	mmH	Drum VELOCITY LPF CUTOFF SENS.	mm:00H–0FH (015)**
	where rr: drum instrument note number			

<u>Optional:</u> The \*\* marking means that the parameter is optional, and may be implemented on tone generators that have the capability for it.

# 3.1.6.22. Registered Parameter Number ( RPN ) LSB/MSB

Ctrl#	Parameter	<b>Data Range</b>
64H	RPN LSB	00H7FH
65H	RPN MSB00H7FH	

Default: 7FH 7FH

If the Multi Part Parameter "Rcv RPN" is OFF, the part ignores this message.

The following parameters are supported.

RP	N	Data	Entry	
LSB	MSB	MSB	Parameter	Data Range
00H	00H	mmH	Pitch Bend Sensitivity	mm:00H - 7FH (0+127)
				Default:02H

LSB value is ignored. Minimum movement range shall be 00H 00H to 0CH 00H (± octave).

01H	00H	mmH	Fine Tune	mm:00H – 40H – 7FH (–640+63)
				Default: 40H 00H
02H	00H	mmH	Coarse Tune	mm:00H - 40H - 7FH (-640+63)
				Default:40H 00H
7FH	7FH		Null	

# 3.1.7. Channel Mode Messages

## **3.1.7.1. All Sound Off**

Ctrl#	Parameter	Data Range
78H	All Sound Off	0

Silences all currently sounding notes on the respective part. This message does not generate a reset of content set by Channel Messages.

## 3.1.7.2. Reset All Controllers

Ctrl#	Parameter	<b>Data Range</b>
79H	Reset All Controllers	0

This message returns the following data to the default state:

Pitch Bend, Modulation, Expression, Sustain, Portamento, Sostenuto, Soft Pedal, Registered Parameter Number.

It also sets off reception of Portamento Control. It does not reset the Portamento source key.

## **3.1.7.3.** All Notes Off

Ctrl#	Parameter	Data Range
7BH	All Note Off	0

For the relevant part, turns all notes that are ON to OFF. If a note that is ON is currently in the sustain or sostenuto phase, does not stop playing of that note until that phase is turned OFF.

## 3.1.7.4. Omni OFF

Ctrl# Parameter Data Range

7CH Omni Off 0

Same processing as All Note Off.

## 3.1.7.5. Omni ON

Ctrl# Parameter Data Range

7DH Omni On 0

Same processing as All Notes Off. (Does not implement OMNI ON.)

# 3.1.7.6. Mono

Ctrl# Parameter Data Range

7EH Mono 0...16

Same processing as All Sound Off. If the third byte (the mono count) is a value from 0 to 16, sets the relevant channel to Mode 4 (m=1).

# 3.1.7.7. Poly

Ctrl# Parameter Data Range

7FH Poly 0

Same processing as All Sound Off, and sets the relevant channel to Mode 3.

# 3.2. System Exclusive Messages

# 3.2.1. XG System Exclusive Message

Four system exclusive formats are used to set and get XG-defined parameters, as follows.

# **Parameter Change**

Use to set the value of a single parameter.

11110000	F0	Exclusive status
01000011	43	YAMAHA ID
0001nnnn	1n	Device Number
01001100	4C	Model ID
Oaaaaaaa	aa	Address High
Oaaaaaaa	aa	Address Mid
Oaaaaaaa	aa	Address Low
Oddddddd	dd	Data
Oddddddd	dd	Data
11110111	F7	End of Exclusive

A single message shall be used to set the data value, even if the value's data size consists of multiple bytes. The tone generator shall not accept the message if the number of sent data bytes is less than the required number of data bytes. It shall not be possible, when sending data for a multibyte parameter (such as master tuning), to send the high-order byte only.

## **Bulk Dump**

Use to set parameters as a block.

11110000	F0	Exclusive status
01000011	43	YAMAHA ID
0000nnnn	0n	Device Number
01001100	4C	Model ID
0bbbbbbb	bb	Byte Count MSB
0bbbbbbb	bb	Byte Count LSB
0aaaaaaa	aa	Address High
0aaaaaaa	aa	Address Mid
0aaaaaaa	aa	Address Low
Oddddddd	dd	Data
Oddddddd	dd	Data
0cccccc	cc	Checksum
11110111	F7	End of Exclusive

For information about the Address and Byte Count fields, see Attached Chart 5. Note that "Byte Count" here corresponds to the "TOTAL SIZE" figures shown in the table. Set the address to the beginning of the block, where "block" refers to the data indicated in the "TOTAL SIZE" figures in Attached Chart 5.

The checksum shall be set such that the low-order 7 bits of the sum of the Byte Count, the Address, the Data, and the Checksum itself are 0. For details about support for reception of block-unit bulk dumps, see Attached Chart 5.

<u>Note to XG Data Writers</u>: If sending consecutive bulk dumps, leave an interval of about 10ms between the F7 and the next F0.

## **Parameter Request**

<u>Optional:</u> Gets the value of a specified parameter. Upon receiving the message, the tone generator shall send the parameter-change setting currently at the specified address. This feature is optional because it has no meaning on tone generators without MIDI OUT capability.

11110000	F0	Exclusive status
01000011	43	YAMAHA ID
0011nnnn	3n	Device Number
01001100	4C	Model ID
Oaaaaaaa	aa	Address High
Oaaaaaaa	aa	Address Mid
Oaaaaaaa	aa	Address Low
11110111	F7	End of Exclusive

# **Dump Request**

<u>Optional:</u> Gets the values for the specified block. Upon receiving the message, the tone generator shall send a bulk dump of the settings (the data) in the specified block. This feature is optional because it has no meaning on tone generators without MIDI OUT capability.

11110000	F0	Exclusive status
01000011	43	YAMAHA ID
0010nnnn	2n	Device Number
01001100	4C	Model ID
Oaaaaaaa	aa	Address High
Oaaaaaaa	aa	Address Mid
Oaaaaaaa	aa	Address Low
11110111	F7	End of Exclusive

# 3.2.1.1. System Data Parameters

## **3.2.1.1.1. Master Tuning**

Address: 00H 00H 00H

Data: 4 bytes (aaH bbH ccH ddH)

Default: 00H 04H 00H 00H

Range: (-102.4...0...+102.3 cent)

Master tuning is calculated as follows (in 0.1 cent units):

```
aaH \times 1000H + bbH \times 0100H + ccH \times 0010H + ddH \times 0001H) -0400H (in 0.1 cent units).
```

For operating specifications, refer to the Master Tuning section in Chapter 4.

<u>Note to XG Data Writers</u>: Should not be used while song play is in progress, since some implementations may not change note pitch if this message is received while the note is sounding. Rather, this message should be used to make initial settings.

## **3.2.1.1.2. Master Volume**

Address: 00H 00H 04H

Data: 1 byte

Default: 7FH

Range: 00H...7FH

For operating specifications, refer to the tone-generator model presented in Chapter 2. Note that this parameter value may also be changed by Universal System Exclusive's Master Volume message.

#### 3.2.1.1.3. Master Attenuator

Address: 00H 00H 05H

Data: 1 byte

Default: 00H

Range: 00H...7FH (0dB... - dB)

**Optional:** This parameter is optional.

# 3.2.1.1.4. Master Transpose

Address: 00H 00H 06H

Data: 1 byte

Default: 40H

Range: 28H...58H(-24...0...+24)

Causes transposition of Key On notes that are received. Has no effect on notes that have already been received. Each increment transposes by a semitone: A value of 40H sets 0 transposition, while 41H transposes up one semitone and 3FH transposes down 1 semitone. The range therefore allows for transposition up to two octaves in each direction (±24 semitones). For information about how transposition is related to each part, refer to the tone-generation model described in Section 2 above.

# **3.2.1.1.5. Drum Setup Reset**

Address: 00H 00H 7DH

Data: 1 byte

Default: —

Range: 00H... (Drum setup count -1)

Initializes the drum setup parameters designated by the data byte. Does not change the drum setup's kit number.

# **3.2.1.1.6. XG** System On

Address: 00H 00H 7EH

Data: 1 byte

Default: —

This message is accepted only if the data value is 00H, and is ignored otherwise. This message resets the tone-generator mode to the XG initial state. For details about the handling of the MIDI Master Tuning setting, refer to the Master Tuning section in Chapter 4.

<u>Recommended:</u> On devices with multiple tone-generator modes, non-XG modes should also recognize this message so that they respond by switching into XG mode.

#### 3.2.1.1.7. All Parameter Reset

Address: 00H 00H 7FH

Data: 1 byte

Default: —

This message is accepted only if the data value is 00H, and is ignored otherwise. This message resets the tone-generator mode to its factory defaults.

# 3.2.1.2. System Information

Optional: This feature is optional because it has no meaning on tone generators without MIDI OUT capability.

# 3.2.1.3. Multi Effect Data Parameters

These messages are used to control the XG format's required effects: reverb, chorus, and variation. Each parameter operates on the selected effect type, as shown in Attached Chart 2. For information about effects connections and volume control, refer to the tone-generator model given in Chapter 2.

The effect type is set by two bytes: MSB and LSB. If the model does not have the designated effect, it shall select a substitute as follows.

(1) If the model does not include effect designated by the given MSB...

If selecting a system-type effect (reverb, chorus, or system-mode variation), then "no effect" shall be applied (that is, output shall be 0). If selecting an insertion-type effect (insertion-mode variation or insertion effect), then the setting shall be to "Thru" (that is, the input will be output without change).

<u>Example:</u> If MSB=0x10, LSB=0x00 is set for reverb, a model that does not provide the White Room effect will use No Effect.

(2) If the model does not include effect designated by the given LSB...

In this case, a substitute LSB shall be used. The substitute shall be calculated as follows:

Substitute LSB = Integer part of (given LSB/32)  $\times$  32

This substitute LSB will be a multiple of 32 (0, 32, 64, or 96), so that it will necessarily select an supported effect.

With respect to LSB substitution approach described in (2) above, however, it must be noted that this approach is based on the XG extension, and some older models will not support this rule and will simply change non-supported LSBs to 0. Newly developed models, however, shall be implemented so that the substitution approach is supported.

Note also that if an effect type has been set, that effect parameter settings (with the exception of the Pan and various Send settings) shall be initialized to type's defaults. Parameter settings shall be initialized even if the same effect type is resent.

# 3.2.1.4. Multi EQ Data Parameters

Optional: This feature is optional.

#### 3.2.1.5. Insertion Effect Data Parameters

Optional: This feature is optional.

# 3.2.1.6. Display Data Parameters

**Optional:** This feature is optional.

#### 3.2.1.7. Multi Part Data Parameters

These messages are used to control part parameters. For details about those part parameters that can also be accessed by Channel Messages, refer to the description of the corresponding Channel Messages.

Note that these Multi Part Data Parameters messages designate a specific part by setting the part number in the middle byte of the address (where 00H is part 1, 01H is part 2, ..., 0FH is part 16).

# **3.2.1.7.1. Bank Select MSB**

Address: 08H nnH 01H

Refer to the explanation of Control Change Bank Select MSB (CC# 00H).

#### **3.2.1.7.2. Bank Select LSB**

Address: 08H nnH 02H

Refer to the explanation of Control Change Bank Select LSB (CC# 20H).

# 3.2.1.7.3. Program Change

Address: 08H nnH 03H

Refer to the Program Change section.

# 3.2.1.7.4. Receive Channel

Address: 08H nnH 04H

Data: 1 byte

Default: nnH

Range: 00H...3FH, 7FH

Sets the MIDI Channel No. that is received by the part. By default, the MIDI Channel No. is the same to the Part No. A data value of 7FH disables reception, so that the part will not receive Channel messages. If multiple parts are set to the same Channel No., then any Channel message for that Channel No. shall be received by all of those parts.

# **3.2.1.7.5. Mono Mode / Poly Mode**

Address: 08H nnH 05H

Data: 1 byte

Default: 01H

Range: 00H, 01H

A value of 00H selects Mono mode; a value of 01H selects Poly mode. For information about these modes, refer to the selection on Channel Mode messages.

#### **3.2.1.7.6.** Note Assign

Address: 08H nnH 06H

Data: 1 byte
Default: 01H

Range: 00H...02H

Determines how the part will respond if it receives a Key On for a note (note No.) that is already playing.

00H: Single Key Off the currently playing note, and then play a new Note On for that note.

01H: Multi Leave currently playing note on, and play a new Note On as well. (The designer is

free, however, to set an upper limit on the number of instances of the same note

that can be played.)

02H: Inst Effective only on rhythm parts. Gives priority to rhythm-instrument settings.

#### **3.2.1.7.7.** Part Mode

Address: 08H nnH 07H

Data: 1 byte

Default: 00H (Part 10 only, 02H)

Range: 00H...(Drum setup count +1)

Sets the part's mode.

00H: Normal Mode

Received Note Numbers control the notes that are played.

01H: Drum Mode

Received Note Numbers control the instruments that are played. It is not possible to change the voice parameter settings for each individual drum instrument, since voice settings are set independently for the part as a whole.

02H: Drum Setup 1

03H: Drum Setup 2

(N+1): Drum Setup N

Received Note Numbers control the instruments that are played, but it is possible to change the voice parameter settings for each drum instrument. Voices are shared by all parts with the same Setup mode.

When the part mode is changed, the Bank Select and Program Change values will automatically change as well. If the part mode is changed to Normal Mode or Drum Mode, the voice that was in use the last time that mode was in effect is now reselected. If the part mode is changed to one of the Drum Setup modes, then voices in that Setup are used as is.

<u>Example:</u> A part on which the organ voice is selected is changed to Drum Mode, and then changed back to Normal mode. On reentry into Normal mode, the part again uses the organ voice.

<u>Example:</u> Assume that Drum Setup 1 is set to Analog Kit. In that case, when you set a part to Drum Setup 1, that part selects the analog kit.

<u>Example:</u> Assume that Parts 1 and 2 are both set to Drum Setup 1. If a Program Change is now sent to Part 1 to change to the Jazz Kit, then Part 2's voices also automatically change to the Jazz Kit.

#### **3.2.1.7.8.** Note Shift

Address: 08H nnH 08H

Data: 1 byte
Default: 40H

Range: 28H...58H(-24...0...+24)

Causes transposition of Key On notes that are received. Has no effect on notes that have already been received. Each increment transposes by a semitone: A value of 40H sets 0 transposition, whiles 41H transposes up one semitone and 3FH transposes down 1 semitone. The range therefore allows for transposition up to two octaves in each direction (±24 semitones). For information about how this feature is related to master transpositionrefer to the tone-generation model described in Section 2 above.

#### **3.2.1.7.9.** Detune

Address: 08H nnH 09H-0AH

Data: 2 bytes

Default: 08H 00H

Range: 00H 00H...0FH 0FH (-12.8 ...12.7)

Fine-tunes the pitch of Key Ons that are received. For information about the relation between this feature and fine tuning, refer to the tone-generation model described in Section 2 above.

#### 3.2.1.7.10. Volume

Address: 08H nnH 0BH

Data: 1 byte
Default: 64H

Range: 00H...7FH

Refer to the explanation of Control Change Volume (CC# 0BH).

## **3.2.1.7.11. Sensitivity Depth**

Address: 08H nnH 0CH

Data: 1 byte

Default: 40H

Range: 00H...7FH

Increases or reduces the velocity-change range applied to received Key On notes. Refer to the tone-generation model.

## **3.2.1.7.12.** Velocity Offset

Address: 08H nnH 0DH

Data: 1 byte
Default: 40H

Range: 00H...7FH

Increases or reduces the velocity-change range applied to received Key On notes. Refer to the tone-generation model.

### 3.2.1.7.13. Pan

Address: 08H nnH 0EH

Data: 1 byte
Default: 40H

Range: 00H...7FH

A data value of 00H selects "random pan," which applies random panning to each received Key On note. For information about other data values (01H to 7FH), refer to the explanation of Control Change Pan (CC# 0AH).

### **3.2.1.7.14.** Note Limit Low

Address: 08H nnH 0FH

Data: 1 byte
Default: 00H

Range: 00H...7FH ( C-2...G8 )

Sets the lowest Note Number that can be received.

## **3.2.1.7.15.** Note Limit High

Address: 08H nnH 10H

Data: 1 byte
Default: 00H

Range: 00H...7FH (C-2...G8)

Sets the highest Note Number that can be received.

## **3.2.1.7.16. Drum Level**

Address: 08H nnH 11H

Data: 1 byte
Default: 7FH

Range: 00H...7FH

Sets the part's drum level. Refer to the tone-generation model described in Section 2 above.

### **3.2.1.7.17.** Chorus Send

Address: 08H nnH 12H

Data: 1 byte
Default: 00H

Range: 00H...7FH

Sets the part's chorus send. Refer to the explanation of Control Change Chorus Send (CC# 5DH).

## **3.2.1.7.18.** Reverb Send

Address: 08H nnH 13H

Data: 1 byte

Default: 28H

Range: 00H...7FH

Sets the part's reverb. Refer to the explanation of Control Change Reverb Send (CC# 5BH).

#### **3.2.1.7.19.** Variation Send

Address: 08H nnH 14H

Data: 1 byte

Default: 00H

Range: 00H...7FH

Sets the part's variation send. Refer to the explanation of Control Change Variation Send (CC# 5EH).

## **3.2.1.7.20.** Vibrato Rate

Address: 08H nnH 15H

Data: 1 byte
Default: 40H

Range: 00H...7FH (-64...0...+63)

Changes the vibrato rate of the currently selected voice. For information, refer to the explanation of NRPN 01H/08H (vibrato rate).

## **3.2.1.7.21.** Vibrato Depth

Address: 08H nnH 16H

Data: 1 byte
Default: 40H

Range: 00H...7FH (-64...0...+63)

Changes the vibrato depth of the currently selected voice. For information, refer to the explanation of NRPN 01H/09H (vibrato depth).

## **3.2.1.7.22.** Vibrato Delay

Address: 08H nnH 17H

Data: 1 byte

Default: 40H

Range: 00H...7FH (-64...0...+63)

Changes the vibrato delay of the currently selected voice. For information, refer to the explanation of NRPN 01H/0AH (vibrato delay).

### 3.2.1.7.23. Low-Pass-Filter Cutoff

Address: 08H nnH 18H

Data: 1 byte
Default: 40H

Range: 00H...7FH (-64...0...+63)

Raises or lowers the cutoff frequency of the low-pass-filter for the currently selected voice. Refer to Control Change Brightness (CC# 4AH).

### 3.2.1.7.24. Low-Pass-Filter Resonance

Address: 08H nnH 19H

Data: 1 byte
Default: 40H

Range: 00H...7FH (-64...0...+63)

Raises or lowers the resonance of the low-pass-filter for the currently selected voice. Refer to Control Change Harmonic Content (CC# 47H).

### **3.2.1.7.25. EG** Attack Time

Address: 08H nnH 1AH

Data: 1 byte
Default: 40H

Range: 00H...7FH (-64...0...+63)

Raises or lowers the attack time of the selected voice. Refer to Control Change Attack Time (CC# 49H).

# **3.2.1.7.26. EG Decay Time**

Address: 08H nnH 1BH

Data: 1 byte
Default: 40H

Range: 00H...7Fh (-64...0...+63)

Raises or lowers the decay time of the selected voice. Refer to NRPN 01H/64H (EG Decay Time).

### **3.2.1.7.27. EG Release Time**

Address: 08H nnH 1CH

Data: 1 byte

Default: 40H

Range: 00H... 7FH (-64...0...+63)

Raises or lowers the release time of the selected voice. Refer to Control Change Release Time (CC# 48H).

### **3.2.1.7.28. MW Pitch Control**

Address: 08H nnH 1DH

Data: 1 byte
Default: 40H

Range: 28H...58H (-24...0...+24)

Sets the width of the modulation (CC#01) pitch control. The data value gives the pitch change that occurs when the modulation is at its maximum value (7FH). Functionally similar to Pitch Bend, but different in that modulation cannot move the pitch both up and down. For details, refer to the tone-generation model given in Section 2.

Example: If data value is 4CH, pitch change when modulation is at maximum value is up 1 octave.

Example: If data value is 3EH, pitch change when modulation is at maximum value is down 2 semitones.

Example: If data value is 40H, modulation has no effect on the pitch.

Example: Regardless of data value, a modulation of 0 has no effect on the pitch.

#### 3.2.1.7.29. MW Low-Pass-Filter Control

Address: 08H nnH 1EH

Data: 1 byte
Default: 40H

Range: 00H...7FH (-9600 cent...0 ...+9450 cent )

Sets the width of the modulation (CC#01) control of the low-pass-filter cutoff frequency. The data value gives the cutoff-frequency change that occurs when the modulation is at its maximum value (7FH).

<u>Example:</u> If data value is 7FH, cutoff frequency when the modulation is at maximum value is +9450 cents.

<u>Example:</u> If data value is 00H, cutoff frequency when the modulation is at maximum value is 9600 cents.

## 3.2.1.7.30. MW Amplitude Control

Address: 08H nnH 1FH

Data: 1 byte

Default: 40H

Range: 00H...7FH (-100%...0...+100%)

Sets the width of the modulation (CC#01) control of the volume. The data value gives the volume-change range when the modulation is at its maximum value (7FH).

### 3.2.1.7.31. MW LFO PMOD Control

Address: 08H nnH 20H

Data: 1 byte
Default: 0AH

Range: 00H...7FH

Sets the LFO pitch control depth controlled by modulation (CC#01). The data value gives the change range when the modulation is at its maximum value (7FH).

#### 3.2.1.7.32. MW LFO FMOD Control

Address: 08H nnH 21H

Data: 1 byte
Default: 00H

Range: 00H...7FH

Sets the LFO filter control depth controlled by modulation (CC#01). The data value gives the change range when the modulation is at its maximum value (7FH). For information, refer to the tone-generation model presented in Chapter 2.

#### 3.2.1.7.33. MW LFO AMOD Control

Address: 08H nnH 22H

Data: 1 byte
Default: 00H

Range: 00H...7FH

Optional: This parameter is optional. It specifies the depth of the modulation's LFO volume control (CC# 01H). The data value sets the volume change range for the maximum modulation value (7FH). For details, refer to the tone-generation model presented in Chapter 2.

#### 3.2.1.7.34. BEND Pitch Control

Address: 08H nnH 23H

Data: 1 byte

Default: 42H (+2 semitones)

Range: 28H...58H (-24...0...+24 semitones)

Sets the pitch control range for Pitch Bend (EnH aahH bbH). Specifically, the data value sets the pitch change range when Pitch Bend is at its maximum value (7FH/7FH). The Pitch Bend allows up and down pitch control around a center Pitch Bend value (40H/00H). For details, refer to the tone-generation model in Section 2.

<u>Recommended:</u> When this parameter value is changed, the change should preferably also operate on notes that are currently playing.

<u>Example:</u> If the data value is set to 34H, the maximum Pitch Bend value will drop the pitch by 1 octave, and the minimum Pitch Bend value will raise the pitch by 1 octave.

- 3.2.1.7.35. BEND Low-Pass-Filter Control
- **3.2.1.7.36.** BEND Amplitude Control
- 3.2.1.7.37. BEND LFO PMOD Control
- 3.2.1.7.38. BEND LFO FMOD Control
- 3.2.1.7.39. BEND LFO AMOD Control

These set the control width of the various tone-generation parameters controlled by Pitch Bend (EnH aaH bbH).

Optional: The BEND LFO AMOD Control is optional. All other of the above controls are required.

- **3.2.1.7.40.** Rev PITCH BEND
- 3.2.1.7.41. Rev CHANNEL AFTER
- 3.2.1.7.42. Rcv PROGRAM CHANGE
- 3.2.1.7.43. Rcv CONTROL CHANGE
- 3.2.1.7.44. Rev POLY AFTERTOUCH
- **3.2.1.7.45. Rcv NOTE MESSAGE**
- 3.2.1.7.46. Rcv RPN
- 3.2.1.7.47. Rcv NRPN
- **3.2.1.7.48. Rev MODULATION**
- **3.2.1.7.49.** Rev VOLUME
- 3.2.1.7.50. Rev PAN
- **3.2.1.7.51. Rev EXPRESSION**
- 3.2.1.7.52. Rev HOLD1
- **3.2.1.7.53. Rev PORTAMENTO**
- **3.2.1.7.54.** Rev SOSTENUTO
- **3.2.1.7.55.** Rev SOFT PEDAL
- **3.2.1.7.56.** Rev BANK SELECT

Address: 08H nnH 30H...40H

Data: 1 byte
Default: 01H

Range: 00H, 01H (OFF, ON)

Optional: All of these parameters are optional. Each of these parameters (with the exception of Rcv CONTROL CHANGE) is used to enable or disable reception of the corresponding Channel Messages. The Rcv CONTROL CHANGE parameter is used to enable or disable reception of all Channel Change messages: if Rcv CONTROL CHANGE is OFF, the part will not accept any Control Change messages; if Rcv CONTROL CHANGE is ON, the part will accept or refuse Control Change messages according to the enable/disable settings for the other parameters described above.

## **3.2.1.7.57.** Scale Tuning

Address: 08H nnH 41H...4CH

Data: 1 byte

Default: 40H

Range: 00H...7FH (-64...0...+63 cents)

Optional: This parameter is optional. The parameter sets the note tuning for received Key Ons for each

scale.

3.2.1.7.58. CAT Pitch Control
3.2.1.7.59. CAT Low-Pass-Filter Control
3.2.1.7.60. CAT Amplitude Control
3.2.1.7.61. CAT LFO PMOD Control
3.2.1.7.62. CAT LFO FMOD Control

**3.2.1.7.63. CAT LFO AMOD Control** 

Address: 08H nnH 4DH...52H

Data: 1 byte

Default: —

Range: —

<u>Optional:</u> All of these parameters are optional. Each of these parameters set the control width of the corresponding CAT control (DnH aaH). Refer to the tone-generation model presented in Section 2.

**3.2.1.7.64. PAT Pitch Control** 

3.2.1.7.65. PAT Low-Pass-Filter Control

3.2.1.7.66. PAT Amplitude Control

3.2.1.7.67. PAT LFO PMOD Control

3.2.1.7.68. PAT LFO FMOD Control

3.2.1.7.69. PAT LFO AMOD Control

Address: 08H nnH 53H...58H

Data: 1 byte

Default: —

Range: —

<u>Optional:</u> All of these parameters are optional. Each of these parameters set the control width of the corresponding PAT control (AnH nnH ppH). These messages allow control to implemented on each note. Refer to the tone-generation model presented in Section 2.

#### **3.2.1.7.70. AC1 Control Number**

Address: 08H nnH 59H

Data: 1 byte
Default: 10H

Range: 00H...5FH (0...95)

<u>Optional:</u> This parameter is optional. The parameter sets the CC# for Assignable Controller 1.

- **3.2.1.7.71. AC1** Pitch Control
- 3.2.1.7.72. AC1 Low-Pass-Filter Control
- 3.2.1.7.73. AC1 Amplitude Control
- **3.2.1.7.74. AC1 LFO PMOD Control**
- **3.2.1.7.75. AC1 LFO FMOD Control**
- **3.2.1.7.76. AC1 LFO AMOD Control**

Address: 08H nnH 5AH...5FH

Data: 1 byte

Default: —

Range: —

<u>Optional:</u> These parameters are all optional. These parameters set the control widths for the tone-generation parameters controlled by Assignable Controller 1 (BnH aaH bbH). Refer to the tone-generation model presented in Section 2.

## 3.2.1.7.77. AC2 Control Change Number

Address: 08H nnH 60H

Data: 1 byte

Default: 10H

Range: 00H...5FH (0...95)

Optional: This parameter is optional. The parameter sets the CC# for Assignable Controller 2.

- **3.2.1.7.78.** AC2 Pitch Control
- 3.2.1.7.79. AC2 Low-Pass-Filter Control
- 3.2.1.7.80. AC2 Amplitude Control
- **3.2.1.7.81. AC2 LFO PMOD Control**
- 3.2.1.7.82. AC2 LFO FMOD Control
- 3.2.1.7.83. AC2 LFO AMOD Control

Address: 08H nnH 61H...66H

Data: 1 byte

Default: —

Range: —

<u>Optional:</u> These parameters are all optional. These parameters set the control widths for the tone-generation parameters controlled by Assignable Controller 2 (BnH aaH bbH). Refer to the tone-generation model presented in Section 2.

#### 3.2.1.7.84. Portamento Switch

Address: 08H nnH 67H

Data: 1 byte
Default: 00H

Range: 00H, 01H (OFF, ON)

<u>Optional:</u> This parameter is optional. For information about its function, refer to the explanation of Control Change Portamento (CC# 41H). But note that, for this message, 00H = OFF and 01H = ON.

#### **3.2.1.7.85. Portamento Time**

Address: 08H nnH 68H

Data: 1 byte

Default: 00H

Range: 00H...7FH (0...127)

<u>Optional:</u> This parameter is optional. Refer to the explanation of Control Change Portamento Time (CC# 05H).

#### 3.2.1.7.86. Pitch-EG Initial Level

Address: 08H nnH 69H

Data: 1 byte
Default: 00H

Range: 00H...7FH (-64...0...+63)

<u>Optional:</u> This parameter is optional. It implements a relative change in the Pitch EG's initial level. Refer to the tone-generation model in Chapter 2.

## 3.2.1.7.87. Pitch-EG Attack Time

Address: 08H nnH 6A

Data: 1 byte

Default: 00H

Range: 00H...7FH (-64...0...+63)

<u>Optional:</u> This parameter is optional. It implements a relative change in the Pitch EG's attack time. Refer to the tone-generation model in Chapter 2.

### 3.2.1.7.88. Pitch-EG Release Level

Address: 08H nnH 6BH

Data: 1 byte
Default: 00H

Range: 00H...7FH (-64...0...+63)

<u>Optional:</u> This parameter is optional. It implements a relative change in the Pitch EG's release level. Refer to the tone-generation model in Chapter 2.

#### 3.2.1.7.89. Pitch-EG Release Time

Address: 08H nnH 6CH

Data: 1 byte
Default: 00H

Range: 00H...7FH (-64...0...+63)

<u>Optional:</u> This parameter is optional. It implements a relative change in the Pitch EG's release time. Refer to the tone-generation model in Chapter 2.

## **3.2.1.7.90. Velocity Limit Low**

Address: 08H nnH 6DH

Data: 1 byte
Default: 01H

Range: 01H...7FH (1...127)

Optional: This parameter is optional. It sets the lower-limit velocity for received Key Ons. Key Ons that

## 3.2.1.7.91. Velocity Limit High

Address: 08H nnH 6DH

Data: 1 byte

Default: 7FH

Range: 01H...7FH (1...127)

<u>Optional:</u> This parameter is optional. It sets the upper-limit velocity for received Key Ons. Key Ons that have velocity values that are above this limit are ignored.

## 3.2.1.8. AD Part Data Parameters

**Optional:** This functionality is optional.

# 3.2.1.9. Drum Setup Data Parameters

These messages set the drum setup parameters. The setup number (n) is given by the low-order 4 bits of the high-order byte of the address. The instrument number (rr) is given by the middle-order byte of the address.

Example: Message 31H 26H 00H selects Drum Setup Number 2, drum instrument note number 26H.

#### **3.2.1.9.1.** Pitch Coarse

Address: 3nH rrH 00H

Data: 1 byte
Default: 40H

Range: 00H...7FH (-64...0...+63)

Raises or lowers the pitch of the specified instrument, in semitones. Refer to the explanation of NRPN 18H/rrH (Drum Instrument Pitch Coarse).

### **3.2.1.9.2.** Pitch Fine

Address: 3nH rrH 01H

Data: 1 byte

Default: 40H

Range: 00H...7FH (-64...0...+63 cent)

Raises or lowers the pitch of the specified instrument, in cents. Refer to the explanation of NRPN 19H/rrH (Drum Instrument Pitch Fine).

### 3.2.1.9.3. Level

Address: 3nH rrH 02H

Data: 1 byte

Default: —

Range: 00H...7FH

Sets the level of the specified instrument. Refer to the explanation of NRPN 1AH/rrH (Drum Instrument Level).

## 3.2.1.9.4. Alternate Group

Address: 3nH rrH 03H

Data: 1 byte

Default: —

Range: 00H...7FH (Off, 1...127)

Sets the group for the specified instrument. Playback of instruments within a given group is mutually exclusive.

#### 3.2.1.9.5. Pan

Address: 3nH rrH 04H

Data: 1 byte

Default: —

Range: 00H...7FH (Random, L63...Center...R63)

Sets the pan for the specified instrument. Refer to NRPN 1CH/rrH (Drum Instrument Pan).

# **3.2.1.9.6.** Reverb Send

Address: 3nH rrH 05H

Data: 1 byte

Default: —

Range: 00H...7FH (0...127)

Sets the reverb send for the specified instrument. Refer to NRPN 1DH/rrH (Drum Instrument Reverb Send).

#### **3.2.1.9.7.** Chorus Send

Address: 3nH rrH 06H

Data: 1 byte

Default: —

Range: 00H...7FH (0...127)

Sets the chorus send for the specified instrument. Refer to NRPN 1EH/rrH (Drum Instrument Chorus Send).

#### **3.2.1.9.8. Variation Send**

Address: 3nH rrH 07H

Data: 1 byte

Default: —

Range: 00H...7FH (0...127)

Sets the variation send for the specified instrument. Refer to NRPN 1DH/rrH (Drum Instrument Variation Send).

## **3.2.1.9.9.** Key Assign

Address: 3nH rrH 08H

Data: 1 byte

Default: 00

Range: 00H, 01H (Single, Multiple)

Sets single-instance play or multiple-instance play for the specified instrument. Effective when part mode's Note Assign (address = 08H nnH 06H) is set to Inst 02H.

### **3.2.1.9.10.** Rcv Note Off

Address: 3nH rrH 09H

Data: 1 byte

Default: 00

Range: 00H, 01H (OFF, ON)

Enables or disables receipt of Note Offs.

#### **3.2.1.9.11.** Rcv Note On

Address: 3nH rrH 0AH

Data: 1 byte

Default: 00

Range: 00H, 01H (OFF, ON)

Enables or disables receipt of Note Ons.

#### 3.2.1.9.12. Low-Pass-Filter Cutoff

Address: 3nH rrH 0BH

Data: 1 byte
Default: 40H

Range: 00H...7FH (-64...0...+63)

Sets the increase/decrease of the low-pass-filter cutoff frequency for the specified instrument. Refer to NRPN 14H/rrH (Drum Instrument Cutoff Frequency).

### 3.2.1.9.13. Low-Pass-Filter Resonance

Address: 3nH rrH 0CH

Data: 1 byte
Default: 40H

Range: 00H...7FH (-64...0...+63)

14411ge: 0011.../111 ( 0 11...0... 103)

Raises or lowers the low-pass-filter resonance for the specified instrument. Refer to NRPN 14H/rrH (Drum Instrument Filter Resonance).

### **3.2.1.9.14.** EG Attack Rate

Address: 3nH rrH 0DH

Data: 1 byte
Default: 40H

Range: 00H...7FH (-64...0...+63)

Raises or lowers the EG attack rate for the specified instrument. Refer to NRPN 16H/rrH (EG Attack Rate).

## **3.2.1.9.15.** EG Decay-1 Rate

Address: 3nH rrH 0EH

Data: 1 byte

Default: 40H

Range: 00H...7FH (-64...0...+63)

Raises or lowers the EG decay-1 rate for the specified instrument. Note that NRPN 17H/rrH (Drum EG Decay Rate) sets both this decay-1 rate and the decay-2 rate described immediately below to the same value.

### 3.2.1.9.16. EG Decay-2 Rate

Address: 3nH rrH 0FH

Data: 1 byte
Default: 40H

Range: 00H...7FH (-64...0...+63)

Raises or lowers the EG decay-2 rate for the specified instrument. Note that NRPN 17H/rrH (Drum EG Decay Rate) sets both this decay-2 rate and the decay-1 rate described immediately below to the same value.

# 3.2.2. Yamaha System Exclusive

<u>Optional:</u> This message is optional, and is provided for the purpose of maintaining compatability with pre-XG models.

# 3.2.2.1. MIDI Master Tuning

F0H,43H,1nH,27H,30H,00H,00H,0mH,0lH,ccH,F7H

11110000	F0	Exclusive status
01000011	43	YAMAHA ID
0001nnnn	1n	Device Number
00100111	27	Model ID
00110000	30	
00000000	00	
00000000	00	
OOOOmmmm	mm	Master Tune MSB
0000pppp	pp	Master Tune LSB
0cccccc	cc	Don't care
11110111	F7	End of Exclusive

Changes pitch on all channels at one time.

# 3.2.3. Universal System Exclusive

XG systems shall support the following Universal System Exclusives.

# **3.2.3.1. GM System On**

F0H,7EH,7FH,09H,01H,F7H

11110000	F0	Exclusive status
01111110	7E	Universal Non-realtime ID
01111111	7F	Device ID
00001001	09	Sub ID1
00000001	01	Sub ID2
11110111	F7	End of Exclusive

Returns all settings, other than MIDI Master Tuning, to their defaults. Acts on MIDI Master Tuning in the same was as an XG System On.

# 3.2.3.2. MIDI Master Volume

F0H,7FH,7FH,04H,01H,xxH,yyH,F7H

11110000	F0	Exclusive status
01111111	7F	Universal Realtime ID
01111111	7F	Device ID
00000100	04	Sub-ID 1
00000001	01	Sub-ID 2
0xxxxxx	XX	Master Volume LSB
Оууууууу	уу	Master Volume MSB
11110111	F7	End of Exclusive

Changes volume on all channels at one time (Universal System Exclusive).

# 4. Issues

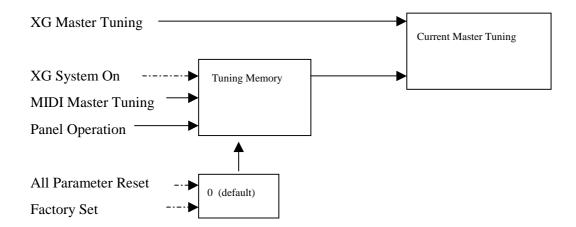
This section presents important points about implementation of certain functions and specifications.

# 4.1. Master Tuning

XG provides three way of changing the master tuning, as follows.

- (1) XG Master Tuning (F0H,43H,1nH,4CH...F7)
- (2) MIDI Master Tuning (F0H,43H,1nH,27H...F7)
- (3) Panel Settings

Method (1) is for tuning of the song, while methods (2) and (3) are for tuning of the system (to match with the pitch of acoustic instruments, etc.). The latest setting is effective. In the figure below, the solid lines indicates the value setting, and the dotted lines are the output trigger.



On receipt of XG System On, the setting must return to the most recent of the values (the latest (2) value or the latest (3) value, whichever is more recent).

<u>Example:</u> Assume that MIDI Master Tuning changes the tuning from 440.0Hz to 442.0Hz, and then XG Master Tuning changes the tuning to 339.0Hz. In that case, when XG System On is received, the turning must return to 442.0Hz.

<u>Note to XG Data Writers</u>: This message takes about 50ms to execute. Be sure to leave an adequate interval between this message and the next.

# 4.2. About Variation Effects and Insertion-Only Effects

Variation effects are used by both System Mode and Insertion Mode. In the case of System Mode, the effector receives sends from all parts (as with the reverb effects), applies the effect to this input, and then outputs the result. In the case of Insertion Mode, the variation effect is connected to the output of a single part only, so that it operates as a "part-specific" effect. If thinking in terms of a music control environment, in System Mode the operation is analogous to having the effector connected to a mixer,

while in Insertion Mode the operation is like using a effector (such as a guitar effector) that connects directly to a specific instrument.

The XG format offer insertion-only effects as an optional feature. These are dedicated effects that cannot be set up in System mode. It is possible to connect multiple insertion effects to a single part. If you do this, the part output goes through the insertion effects sequentially (1, 2, ...n, starting with the effect that is closest to the part output), and then passes through the variation effect (if Insertion Mode).

<u>Note to XG Data Writers</u>: Avoid using too many connection stages, as use of too many stages may introduce DC components and other disturbances that may adversely effect the output sound.

#### XG EFFECT MAP

XGlite does not include Insertion or Multi EQ.

R	Eν	ΈR	В

TYPE		TYPE LSB																		
DEC	HEX			1		2		3		4		5		6		7		8	9 - 31	
		name	0	name	0	name	0	name	0	name	0	name	0	name	0	name	0	name O	name	0
0		NO EFFECT																		
1		HALL 1		HALL 2		LARGE HALL		MEDIUM HALL	+					HALL M		HALL L	+			
2		ROOM 1		ROOM 2	-	ROOM 3	-	WARM ROOM	+	WOODY ROOM	+	ROOM S	+	ROOM M	+	ROOM L	+			
3		STAGE 1		STAGE 2	-															
4		PLATE		RICH PLATE	+											GM PLATE	+			
5	05	NO EFFECT																		
		:																		
15		NO EFFECT																		
16		WHITE ROOM	+																	
17		TUNNEL	+																	
18		CANYON	+																	
19		BASEMENT	+																	
20	14	NO EFFECT																		
:	:	:																		
127	7F	NO EFFECT																		

same as BASIC EFFECT(LSB=0)
O: Option • • Blank: XG Standard, XGLite Standard
+ : XG Option, XGLite Option
- : XG Standard, XGLite Option

REVE	RB				
TYPE	MSB	TYPE LSB			
DEC	HEX	32		33 - 63	
		name	0	name	0
0	00	NO EFFECT			
1	01	NO EFFECT			
2	02	NO EFFECT			
3	03	NO EFFECT			
4	04	NO EFFECT			
5	05	NO EFFECT			
1 :	:	:			
15	0F	NO EFFECT			
16	10	NO EFFECT			
17	11	NO EFFECT			
18	12	NO EFFECT			
19	13	NO EFFECT			
20	14	NO EFFECT			
	:	:			
127	7F	NO EFFECT			

TYPE	MSB	TYPE LSB			
DEC	HEX	64		65 - 95	
		name	0	name	0
0	00	NO EFFECT			
1	01	NO EFFECT			
2	02	NO EFFECT			
3	03	NO EFFECT			
4	04	NO EFFECT			
5	05	NO EFFECT			
- :	:	:			
15	0F	NO EFFECT			
16	10	NO EFFECT			
17	11	NO EFFECT			
18	12	NO EFFECT			
19	13	NO EFFECT			
20	14	NO EFFECT			
- 1	:	:			
127	7F	NO FFFFCT			

REVE	RB										
TYPE	MSB	TYPE LSB	TYPE LSB								
DEC	HEX	96		97 - 127							
		name	0	name	0						
0	00	NO EFFECT									
1	01	NO EFFECT									
2	02	NO EFFECT									
3	03	NO EFFECT									
4	04	NO EFFECT									
5	05	NO EFFECT									
:	:	:									
15	0F	NO EFFECT									
16	10	NO EFFECT									
17	11	NO EFFECT									
18	12	NO EFFECT									
19	13	NO EFFECT									
20	14	NO EFFECT	Π								
:	:	:	П								
127	7F	NO EFFECT									

same as BASIC EFFECT(LSB=32) same as BASIC EFFECT(LSB=64)

same as BASIC EFFECT(LSB=96)

CHO	RUS																				
		TYPE LSB																			
DEC	HEX	0		1		2		3		4		5		6		7		8		9 - 31	
		name	0	name	0	name	0	name	0	name	0	name	0	name	0	name	0	name	0	name	0
0	00	NO EFFECT																			
1	01	NO EFFECT																			
- :	:																1		4		
64		NO EFFECT																			
65		CHORUS 1		CHORUS 2		CHORUS 3	-	GM CHORUS 1	+	GM CHORUS 2	+	GM CHORUS 3	+	GM CHORUS 4	+	FB CHORUS	+	CHORUS 4	+		
66		CELESTE 1		CELESTE 2	-	CELESTE 3	-				_		_		_			CELESTE 4	+		
67		FLANGER 1		FLANGER 2	-											GM FLANGER	+	FLANGER 3	+		
68		SYMPHONIC	+																		
69	45	NO EFFECT																			
- :	:																1		4		
71		NO EFFECT			_						_		_		_		4				
72		PHASER 1	+		_						_		_		_		4				
73	49	NO EFFECT																			
_ :	:	5																			
86		NO EFFECT																			
87		ENSEMBLE DETUNE	+																		
88	58	NO EFFECT																			
- :	:																				
127	7F	NO EFFECT																			

same as BASIC EFFECT(LSB=0)

O : Option • · · · Blank : XG Standard, XGLite Standard

+ : XG Option, XGLite Option
- : XG Standard, XGLite Option

CHO	RUS				
TYPE	MSB	TYPE LSB			
DEC	HEX	32		33 - 63	
		name	0	name	0
0	00	NO EFFECT			
1	01	NO EFFECT			
:	:	:			
64	40	NO EFFECT			
65	41	NO EFFECT			
66	42	NO EFFECT			
67	43	NO EFFECT			
68	44	NO EFFECT			
69	45	NO EFFECT			
	:	:			
71	47	NO EFFECT			
72	48	NO EFFECT			
73	49	NO EFFECT			
:	:	:			
86	56	NO EFFECT			
87	57	NO EFFECT			
88	58	NO EFFECT			
1 :	:	:			
127	7F	NO EFFECT			

TYPE	MSB	TYPE LSB			
DEC	HEX	64		65 - 95	
		name	0	name	
0	00	NO EFFECT			
1	01	NO EFFECT			
-:-		:			
64	40	NO EFFECT			
65	41	NO EFFECT			
66	42	NO EFFECT			
67	43	NO EFFECT			
68	44	NO EFFECT			
69	45	NO EFFECT			
-:-		:			
71	47	NO EFFECT			
72	48	NO EFFECT			
73	49	NO EFFECT			ш
- :		:			
86	56	NO EFFECT			
87	57	NO EFFECT			
88	58	NO EFFECT			
		:			ш
127	7F	NO EFFECT			Т

CHO	RUS				
TYPE	MSB	TYPE LSB			
DEC	HEX	96		97 - 127	
		name	0	name	0
0	00	NO EFFECT			
1	01	NO EFFECT			
:	:	:			
64	40	NO EFFECT			
65	41	NO EFFECT			
66	42	NO EFFECT			
67	43	NO EFFECT			
68	44	NO EFFECT			
69	45	NO EFFECT			
:	:	:			
71	47	NO EFFECT			
72	48	NO EFFECT			
73	49	NO EFFECT			
:	:	:			
86	56	NO EFFECT			
87	57	NO EFFECT			
88	58	NO EFFECT			
:	:	:			
127	7F	NO EFFECT			

same as BASIC EFFECT(LSB=32) same as BASIC EFFECT(LSB=64) same as BASIC EFFECT(LSB=96)

TYPE	MSB	ON/INSERTION TYPE LSB							NSERTION
DEC	HEX	0	_	1	2	_	3		ADDRESS
0	00	NO EFFECT or THRU	0	name O	name	0	name	0	Type
1	01	HALL 1	1	HALL 2 -	LARGE HALL	+	MEDIUM HALL	+	Byte Byte
2	02	ROOM 1	-	ROOM 2 -	ROOM 3	È	WARM ROOM	+	Byte
3	03	STAGE 1	-	STAGE 2 -		4			Byte
4		PLATE	-	RICH PLATE +		+			Byte
5	05 06	DELAY L,C,R DELAY L,R	-			+			Word Word
7		ECHO	H			+			Word
8	08	CROSS DELAY	-			т			Word
9	09	ER 1	-	ER 2 -					Byte
10	0A	GATE REVERB	-			4			Byte
11	0B	REVERSE GATE	-			+			Byte
12	0C	NO EFFECT or THRU	÷			+			Byte
15	0F	NO EFFECT or THRU	١.			+			Byte Byte
16	10	WHITE ROOM	+			т			Byte
17	11	TUNNEL	+						Byte
18	12	CANYON	+						Byte
19	13	BASEMENT	+						Byte
20	14	KARAOKE 1	+	KARAOKE 2 +	KARAOKE 3	+			Byte
21	15 16	TEMPO DELAY TEMPO CROSS	+			+			Byte Byte
23		NO EFFECT or THRU	-			+			Byte
:	- :	·	Ė			1			Byte
63	3F	NO EFFECT or THRU	Ŀ						Byte
64	40	NO EFFECT or THRU	ĻΞ			П			Byte
65	41	CHORUS 1	-	CHORUS 2 -	CHORUS 3	-	GM CHORUS 1	+	Byte
66 67	42 43	CELESTE 1 FLANGER 1	ŀ٠	CELESTE 2 -	CELESTE 3	Ė			Byte
68	43	SYMPHONIC	÷	FLANGER 2 -		+			Byte Byte
69	45	ROTARY SPEAKER	Ė	DISTORTION+ROTARY SPEAKER +	OVERDIRVE+ROTARY SPEAKER	+	AMP SIMULATOR+ROTARY SPEAKER	+	Byte
70	46	TREMOLO	-						Byte
71	47	AUTO PAN	-	AUTO PAN2 +					Byte
72	48	PHASER 1	-			4			Byte
73	49	DISTORTION	-	COMPRESSOR+DISTORTION +		+			Byte
74	4A 4B	OVER DRIVE AMP SIMULATOR	-	AMP SIMULATOR2 +		+			Byte
75 76	4C	3-BAND EQ	Ė	ANIP SIMULATOR2 +		+			Byte Byte
77		2-BAND EQ	-			т			Byte
78	4E	AUTO WAH	-	AUTO WAH+DISTORTION +	AUTO WAH+OVERDRIVE	+			Byte
79	4F	NO EFFECT or THRU	-						Byte
80	50	PITCH CHANGE	+	PITCH CHANGE2 +		+			Byte
81	51	HARMONIC ENHANCER TOUCH WAH 1	+	TOUCH WAH+DISTORTION +	TOUCH WAH+OVERDRIVE	-			Byte
82 83	52 53	COMPRESSOR	+	TOUCH WAH+DISTORTION +	TOUCH WAH+OVERDRIVE	+			Byte Byte
84	54	NOISE GATE	+			1			Byte
85	55	VOICE CANCEL	+						Byte
86	56	2WAY ROTARY SPEAKER	+	DISTORTION+2WAY ROTARY SPEAKER +	OVERDIRVE+2WAY ROTARY SPEAKER	+	AMP SIMULATOR+2WAY ROTARY SPEAKER	+	Byte
87	57	ENSEMBLE DETUNE	+			4			Byte
88	58	AMBIENCE	+			+			Byte
89 90	59 5A	VOCODER HARMONY CHORDAL HARMONY	+			+			Byte
91	5B	DETUNE HARMONY	+			+			Byte Byte
92	5C	CHROMATIC HARMONY	+			т			Byte
93	5D	TALKING MODULATOR	+						Byte
94	5E	LO-FI	+						Byte
95	5F	DISTORTION+DELAY	+	OVERDRIVE +DELAY +		+			Word
96 97	60	COMPRESSOR+DISTORTION+DELAY		COMPRESSOR+OVERDRIVE+DELAY +		+			Word
98	61 62	WAH+DISTORTION+DELAY V DISTORTION HARD	+	WAH+OVERDRIVE+DELAY + V DISTORTION HARD+DELAY +	V DISTORTION SOFT		V DISTORTION SOFT+DELAY	+	Word Word
99	63	DUAL ROTOR SPEAKER1	+	DUAL ROTOR SPEAKER2 +	V DISTORTION SOLT	Ť	V DISTORTION SOI TEDELAT	Ť	Byte
100	64	DISTORTION+TEMPO DELAY	+	OVERDRIVE+TEMPO DELAY +		T			Byte
101	65	COMPRESSOR+DISTORTION+TEMPO DELAY	+	COMPRESSOR+OVERDRIVE+TEMPO DELAY +					Byte
102	66	WAH+DISTORTION+TEMPO DELAY	+	WAH+OVERDRIVE+TEMPO DELAY +					Byte
103	67	V DISTORTION HARD+TEMPO DELAY	+	V DISTORTION SOFT+ TEMPO DELAY +		+			Byte
104	68	V-FLANGER	+						Byte
105 106	69 6A	MULTI BAND COMP BASIC NO EFFECT or THRU	+						Byte Byte
107	6B	TEMPO FLANGER	+						Byte
108	6C	TEMPO PHASER	+						Byte
109	6D	DYNAMIC FILTER	+						Byte
110	6E	DYNAMIC FLANGER	+						Byte
111	6F	DYNAMIC PHASER	+						Byte
112	70 71	DYNAMIC RING MODULATOR	+						Byte
113	71 72	RING MODULATOR SLICE	+						Byte Byte
115	73	ISOLATOR	+						Byte
116	74	LOW RESOLUTION	+						Byte
117	75	DIGITAL TURNTABLE	+						Byte
118	76	DIGITAL SCRATCH	+						Byte
119	77	VIBE VIBRATE	+						Byte
120	78	NO EFFECT or THRU	-						Byte
126	7E	NO EFFECT or THRU	١.						: Byte
127	7F	NO EFFECT OF THRU NO EFFECT or THRU(3D系)	Ė	3D MANUAL +	3D AUTO	+	WIDE STEREO	+	Byte
			_						

If system effect, assigns "NO EFFECT". If insertion effect, assigns "THRU".

O: Option • • • Blank: XG Standard, XGLite Standard
+ : XG Option, XGLite Option
- : XG Standard, XGLite Option

TYPF	MSB	ON/INSERTION TYPE LSB												INSER*
)FC	HEX			4	5		6		7		8		9 - 31	ADDR
	11270	name	0	name C	name	0	name	0	name	0	name	Ω	name (	
0	00	NO EFFECT or THRU	-											Byt
1	01	HALL 1	-				HALL M	+	HALL L	+		$\blacksquare$		Byt
2	02	ROOM 1	-	WOODY ROOM +	ROOM S	+	ROOM M	+	ROOM L	+		$\Box$		Byt
3	03	STAGE 1	-	TOOD I TOOM I	TOOM O	Ė	TOOM III		I COOM E	Ė		$\Box$		Byt
4		PLATE				_			GM PLATE	+		-		Byt
5	05	DELAY L,C,R				_			OWITEATE	Ė		-		Wor
6	06	DELAY L,R				_						-		Wor
7	07	ECHO				_		_				-		Wor
		CROSS DELAY	+-			+-		+				+		
9	08	ER 1	+-			+-		+				+		Wor
10			+-			+-		+				+		Byt
	0A	GATE REVERB	+÷			+-		+				+		Byt
11	0B	REVERSE GATE				+		-				+		Byt
12	UC	NO EFFECT or THRU	-			-		+				$\vdash$		Byt
-		LIO ESSECT. TUDU	-			-		+				$\vdash$		Byt
15	0F	NO EFFECT or THRU	_			-		+				$\vdash$		Byt
16		WHITE ROOM	+			-		+				$\vdash$		Byt
17	11	TUNNEL	+			-		$\blacksquare$				$\vdash$		Byt
18	12	CANYON	+			_		$\blacksquare$				ш		Byt
19	13	BASEMENT	+									ш		Byt
20	14	KARAOKE 1	+											Byt
21	15	TEMPO DELAY	+								TEMPO ECHO	+		Byt
22		TEMPO CROSS	+											Byt
23	17	NO EFFECT or THRU	-   -											Byt
:		*												Byt
63	3F	NO EFFECT or THRU	_   -											Byt
64	40	NO EFFECT or THRU	_   -											Byt
65	41	CHORUS 1	_   -	GM CHORUS 2 +	GM CHORUS 3	+	GM CHORUS 4	+	FB CHORUS		CHORUS 4	+		Byt
66	42	CELESTE 1									CELESTE 4	+		Byt
67	43	FLANGER 1	_E						GM FLANGER	±	FLANGER 3	L±		Byt
68	44	SYMPHONIC	Ŀ											Byt
69	45	ROTARY SPEAKER												Byt
70	46	TREMOLO	-											Byt
71	47	AUTO PAN	-											Byt
72	48	PHASER 1	-								PHASER 2	+		Byt
73	49	DISTORTION	-								STEREO DISTORTION	+		Byt
74	4A	OVER DRIVE	-								STEREO OVERDRIVE	+		Byt
75	4B	AMP SIMULATOR						$\blacksquare$			STEREO AMP SIMULATOR	+		Byt
76	4C	3-BAND EQ	T:			_		+			STEREO AINF SINIOLATOR	-		Byt
77	4C 4D	2-BAND EQ	+-			+-		+				+		Byt
78	4D 4E		+-			+-		+				+		
		AUTO WAH				+-		+				$\vdash$		Byt
79	4F	NO EFFECT or THRU				+		-				+		Byt
80		PITCH CHANGE	+			-		+				$\vdash$		Byt
81	51	HARMONIC ENHANCER	+			-		+			TO 11011 1111 11 0			Byt
82	52	TOUCH WAH 1	+			-		$\blacksquare$			TOUCH WAH 2	+		Byt
83		COMPRESSOR	+					+				$\vdash$		Byt
84		NOISE GATE	+									ш		Byt
85	55	VOICE CANCEL	+									ш		Byt
86		2WAY ROTARY SPEAKER	+									ш		Byt
87	57	ENSEMBLE DETUNE	+									ш		Byt
88	58	AMBIENCE	+											Byt
89	59	VOCODER HARMONY	+											Byt
90	5A	CHORDAL HARMONY	+											Byt
91	5B	DETUNE HARMONY	+											Byt
92	5C	CHROMATIC HARMONY	+											Byt
93		TALKING MODULATOR	+											Byt
94		LO-FI	+											Byt
95	5F	DISTORTION+DELAY	+											Wo
96	60	COMPRESSOR+DISTORTION+DELAY	+											Wo
97	61	WAH+DISTORTION+DELAY	+											Wo
98	62	V DISTORTION HARD	+											Wor
99	63	DUAL ROTOR SPEAKER1	+											Byt
00	64	DISTORTION+TEMPO DELAY	+											Byt
01	65	COMPRESSOR+DISTORTION+TEMPO DELAY	+											By
02		WAH+DISTORTION+TEMPO DELAY	+											Byt
03	67	V DISTORTION HARD+TEMPO DELAY	+											
04	68	NO EFFECT or THRU	+-											Byt Byt
05	69	NO EFFECT OF THRU NO EFFECT OF THRU	+-											By
	64	NO ECCECT OF THEIR	÷											Byt
06	6A	NO EFFECT or THRU	÷											
07	6B	NO EFFECT or THRU	÷											Byt
80		NO EFFECT or THRU	+-											Byt
09	6D	NO EFFECT or THRU	+-											Byt
10	6E	NO EFFECT or THRU												By
11		NO EFFECT or THRU												Byt
12	70	NO EFFECT or THRU	_   -											Byt
13	71	NO EFFECT or THRU												Byt
14	72	NO EFFECT or THRU	_   -											Byt
15	73	NO EFFECT or THRU	Τ-											By
16	74	NO EFFECT or THRU	٦-											Byt
17	75	NO EFFECT or THRU	1-											Byt
18	76	NO EFFECT of THRU	1:											Byt
19			Ť											
	70	NO EFFECT or THRU	+-											Byt
20	/8	NO EFFECT or THRU	+-											Byt
:	-:-	NO EFFECT or THRU	+											
26														Byt

If system effect, assigns "NO EFFECT". If insertion effect, assigns "THRU".

O: Option • • • Blank: XG Standard, XGLite Standard
+ : XG Option, XGLite Option
- : XG Standard, XGLite Option

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VARIA	ATIC	ON/INSERTION			VAR	IATIC	N/INSERTION				VARIATI	O	N/INSERTION		
		TYPE LSB		INSERTION			TYPE LSB			INSERTION	TYPE MSB				INSERTIO
DEC	HEX			33 - 63 ADDRESS	DEC	HEX			65 - 95	ADDRESS	DEC HEX	( 9			97 - 127 ADDRES
0	00	name	0	name O Type	_	00	name	0	name O	Type	0 00	٠.	name	0	name O Type
1	00	NO EFFECT or THRU NO EFFECT or THRU	-	Byte Byte	1	00	NO EFFECT or THRU NO EFFECT or THRU	-		Byte Byte	0 00		NO EFFECT or THRU NO EFFECT or THRU	-	Byte Byte
		NO EFFECT or THRU	1	Byte	2		NO EFFECT or THRU	1:1		Byte	2 02		NO EFFECT or THRU	Ė	Byte
		NO EFFECT or THRU	-	Byte	3	03	NO EFFECT or THRU	-		Byte			NO EFFECT or THRU	-	Byte
4	04	NO EFFECT or THRU	-	Byte	4	04	NO EFFECT or THRU	-		Byte	4 04		NO EFFECT or THRU	-	Byte
5		NO EFFECT or THRU	-	Byte	5		NO EFFECT or THRU	-		Byte	5 05		O EFFECT or THRU	-	Byte
7	06 07	NO EFFECT or THRU NO EFFECT or THRU	-	Byte Byte	7		NO EFFECT or THRU NO EFFECT or THRU	-		Byte Byte	6 06 7 07		NO EFFECT or THRU NO EFFECT or THRU	-	Byte Byte
8	08	NO EFFECT OF THRU	T.	Byte	8		NO EFFECT of THRU	-		Byte	8 08		NO EFFECT OF THRU	Ė	Byte
9	09	NO EFFECT or THRU	-	Byte	9		NO EFFECT or THRU	-		Byte	9 09		NO EFFECT or THRU	-	Byte
	0A	NO EFFECT or THRU	-	Byte	10		NO EFFECT or THRU	-		Byte	10 0A		NO EFFECT or THRU	-	Byte
		NO EFFECT or THRU	-	Byte	11		NO EFFECT or THRU	-		Byte			O EFFECT or THRU	-	Byte
12	0C	NO EFFECT or THRU	ŀ	Byte	12	0C	NO EFFECT or THRU	╀		Byte	12 OC	P	NO EFFECT or THRU	-	Byte
15	0F	NO EFFECT or THRU	-	Byte	15	0F	NO EFFECT or THRU	1.		Byte	15 OF	,	NO EFFECT or THRU	١.	Byte
16		NO EFFECT or THRU	-	Byte	16		NO EFFECT or THRU	-		Byte		N	NO EFFECT or THRU	-	Byte
17	11	NO EFFECT or THRU	-	Byte	17	11	NO EFFECT or THRU	-		Byte	17 11	١	NO EFFECT or THRU	-	Byte
18		NO EFFECT or THRU	-	Byte	18		NO EFFECT or THRU	-		Byte	18 12		NO EFFECT or THRU	-	Byte
19		NO EFFECT or THRU NO EFFECT or THRU	+-	Byte	19 20		NO EFFECT or THRU NO EFFECT or THRU	-		Byte			NO EFFECT or THRU	-	Byte Byte
20	14 15	NO EFFECT OF THRU	÷	Byte Byte	21		NO EFFECT or THRU	H		Byte Byte	20 14 21 15		NO EFFECT OF THRU	÷	Byte Byte
22		NO EFFECT or THRU	-	Byte	22	16	NO EFFECT or THRU	1-1		Byte		N	NO EFFECT or THRU	-	Byte
23	17	NO EFFECT or THRU	Ŀ	Byte	23	17	NO EFFECT or THRU	Ŀ		Byte	23 17		NO EFFECT or THRU	Ŀ	Byte
1	-			:		:	1	П			1 1				:
63	3F	NO EFFECT or THRU	+-	Byte	63	3F	NO EFFECT or THRU	1-1		Byte	63 3F		NO EFFECT or THRU	-	Byte
64 65	40	NO EFFECT or THRU	÷	Byte	64		NO EFFECT or THRU	+-1		Byte	64 40 65 41		NO EFFECT or THRU	+-	Byte Pyte
		NO EFFECT or THRU NO EFFECT or THRU	-	Byte Byte	66		NO EFFECT or THRU NO EFFECT or THRU	+:-		Byte Byte	66 42		NO EFFECT or THRU NO EFFECT or THRU	t÷	Byte Byte
67	43	NO EFFECT or THRU	Ė	Byte	67		NO EFFECT or THRU	<u>t</u> -l		Byte	67 43	_ N	NO EFFECT or THRU	Ŀ	Byte
68	44	NO EFFECT or THRU	-	Byte	68	44	NO EFFECT or THRU			Byte	68 44	Ν	NO EFFECT or THRU	-	Byte
		NO EFFECT or THRU	-	Byte	69	45	NO EFFECT or THRU	1-1		Byte	69 45	I.	NO EFFECT or THRU	-	Byte
70 71	46 47	NO EFFECT or THRU NO EFFECT or THRU	-	Byte	70 71		NO EFFECT or THRU NO EFFECT or THRU	+-1		Byte	70 46 71 47		NO EFFECT or THRU NO EFFECT or THRU	-	Byte
72	48	NO EFFECT of THRU	T.	Byte Byte	72		NO EFFECT of THRU	-		Byte Byte	72 48	N	NO EFFECT OF THRU	Ė	Byte Byte
73	49	NO EFFECT or THRU	-	Byte	73		NO EFFECT or THRU	1-		Byte	73 49		NO EFFECT or THRU	-	Byte
74	4A	NO EFFECT or THRU	-	Byte	74	4A	NO EFFECT or THRU	-		Byte	74 4A	Ν	NO EFFECT or THRU	-	Byte
	4B	NO EFFECT or THRU	-	Byte	75	4B	NO EFFECT or THRU	-		Byte	75 4B	١	NO EFFECT or THRU	-	Byte
	4C	NO EFFECT or THRU	-	Byte	76 77		NO EFFECT or THRU	-		Byte	76 4C 77 4D		NO EFFECT or THRU	-	Byte
		NO EFFECT or THRU NO EFFECT or THRU	-	Byte Byte	78	4D 4E	NO EFFECT or THRU NO EFFECT or THRU	H		Byte Byte			NO EFFECT or THRU	÷	Byte Byte
79	4F	NO EFFECT or THRU	-	Byte	79	4F	NO EFFECT or THRU	1-1		Byte	79 4F		NO EFFECT or THRU	-	Byte
80	50	NO EFFECT or THRU	-	Byte	80	50	NO EFFECT or THRU	-		Byte	80 50	Ν	NO EFFECT or THRU	-	Byte
81	51	NO EFFECT or THRU	-	Byte	81	51	NO EFFECT or THRU	-		Byte	81 51	١	NO EFFECT or THRU	-	Byte
82	52 53	NO EFFECT or THRU	-	Byte	82 83		NO EFFECT or THRU	-		Byte	82 52 83 53		NO EFFECT or THRU	-	Byte
84		NO EFFECT or THRU NO EFFECT or THRU	-	Byte Byte	84		NO EFFECT or THRU NO EFFECT or THRU	H		Byte Byte	84 54		NO EFFECT or THRU NO EFFECT or THRU	1	Byte Byte
85	55	NO EFFECT or THRU	-	Byte	85		NO EFFECT or THRU	1.		Byte	85 55		NO EFFECT or THRU	-	Byte
86		NO EFFECT or THRU	-	Byte	86		NO EFFECT or THRU	-		Byte	86 56		NO EFFECT or THRU	-	Byte
87	57	NO EFFECT or THRU	-	Byte	87	57	NO EFFECT or THRU	-		Byte	87 57	Ν	NO EFFECT or THRU	-	Byte
88	58	NO EFFECT or THRU	-	Byte	88		NO EFFECT or THRU	-		Byte	88 58		O EFFECT or THRU	-	Byte
89 90	59 5A	VOCODER HARMONY CHORDAL HARMONY	+	Byte Byte	89 90		NO EFFECT or THRU NO EFFECT or THRU	-		Byte Byte	89 59 90 5A	- 1	NO EFFECT or THRU NO EFFECT or THRU	-	Byte Byte
91		NO EFFECT or THRU	- T	Byte	91		NO EFFECT or THRU	1:1		Byte	91 5B		NO EFFECT or THRU	Ė	Byte
92	5C	NO EFFECT or THRU	-	Byte	92	5C	NO EFFECT or THRU	1-1		Byte	92 5C	N	NO EFFECT or THRU	-	Byte
	5D	NO EFFECT or THRU	Ŀ	Byte	93	5D	NO EFFECT or THRU	4-7		Byte	93 5D	١	NO EFFECT or THRU	ļ-	Byte
94 95		NO EFFECT or THRU	-	Byte	94 95		NO EFFECT or THRU	+-		Byte	94 5E 95 5F		NO EFFECT or THRU	-	Byte Pyte
		NO EFFECT or THRU NO EFFECT or THRU	÷	Byte Byte	95		NO EFFECT or THRU NO EFFECT or THRU	1		Byte Byte			NO EFFECT or THRU NO EFFECT or THRU	÷	Byte Byte
97		NO EFFECT or THRU	1-	Byte	97		NO EFFECT or THRU	1-1		Byte	97 61		NO EFFECT or THRU	t-	Byte
98	62	NO EFFECT or THRU	-	Byte	98	62	NO EFFECT or THRU	-		Byte	98 62	Ν	NO EFFECT or THRU	-	Byte
99	63	NO EFFECT or THRU	Ŀ	Byte	99	63	NO EFFECT or THRU	4-7		Byte	99 63	١	NO EFFECT or THRU	ļ-	Byte
100		NO EFFECT or THRU	ŀ	Byte	100		NO EFFECT or THRU	+-		Byte	100 64 101 65		NO EFFECT or THRU	1-	Byte
101	65 66	NO EFFECT or THRU NO EFFECT or THRU	÷	Byte Byte	101		NO EFFECT or THRU NO EFFECT or THRU	H		Byte Byte	101 65 102 66		NO EFFECT or THRU NO EFFECT or THRU	H	Byte Byte
102	67	NO EFFECT of THRU	Ė	Byte	102		NO EFFECT of THRU	11		Byte	102 66		NO EFFECT OF THRU	-	Byte
		NO EFFECT or THRU	-	Byte	104		NO EFFECT or THRU	-		Byte			NO EFFECT or THRU	-	Byte
	69	NO EFFECT or THRU	Ŀ	Byte	105	69	NO EFFECT or THRU	4-7		Byte	105 69	١	NO EFFECT or THRU	ļ-	Byte
106		NO EFFECT or THRU	+-	Byte	106		NO EFFECT or THRU	+-		Byte	106 6A		NO EFFECT or THRU	1-	Byte
	6B 6C	NO EFFECT or THRU NO EFFECT or THRU	1	Byte Byte	107		NO EFFECT or THRU NO EFFECT or THRU	+:-		Byte Byte			NO EFFECT or THRU NO EFFECT or THRU	÷	Byte Byte
		NO EFFECT or THRU	t-	Byte	109		NO EFFECT or THRU	1.1		Byte	109 6D		NO EFFECT or THRU	t-	Byte
		NO EFFECT or THRU	Ē	Byte	110	6E	NO EFFECT or THRU	Ŀ		Byte	110 6E		NO EFFECT or THRU	Ŀ	Byte
111	6F	NO EFFECT or THRU	ļΞ	Byte	111	6F	NO EFFECT or THRU	1-1		Byte		١	NO EFFECT or THRU	ĻΞ	Byte
112	70	NO EFFECT or THRU	-	Byte	112		NO EFFECT or THRU	+-1		Byte	112 70		NO EFFECT or THRU	-	Byte
113	71 72	NO EFFECT or THRU	+-	Byte	113		NO EFFECT or THRU	+		Byte	113 71 114 72		NO EFFECT or THRU	+-	Byte Byte
114		NO EFFECT or THRU NO EFFECT or THRU	÷	Byte Byte	114		NO EFFECT or THRU NO EFFECT or THRU	+:-		Byte Byte	114 72		NO EFFECT or THRU NO EFFECT or THRU	-	Byte Byte
116		NO EFFECT or THRU	Ė	Byte	116		NO EFFECT or THRU	<u>t</u> -l		Byte	116 74		NO EFFECT or THRU	Ŀ	Byte
117	75	NO EFFECT or THRU	1-	Byte	117	75	NO EFFECT or THRU	1-1		Byte	117 75	Ν	NO EFFECT or THRU	-	Byte
118	76	NO EFFECT or THRU	-	Byte	118		NO EFFECT or THRU	4-1		Byte			NO EFFECT or THRU	<u> -</u>	Byte
119	77 78	NO EFFECT or THRU NO EFFECT or THRU	÷	Byte	119 120		NO EFFECT or THRU NO EFFECT or THRU	+-		Byte	119 77 120 78	-1	NO EFFECT or THRU NO EFFECT or THRU	ŀ-	Byte
120			÷	Byte	120	78		+		Byte	120 /8	- 1	NO LIFECT OF THEU	Ė	Byte
126	7E	NO EFFECT or THRU	1-	Byte	126	7E	NO EFFECT or THRU	1-1		Byte	126 7E	N	NO EFFECT or THRU	1-	Byte
		NO EFFECT or THRU	-	Byte	127		NO EFFECT or THRU	-		Byte			NO EFFECT or THRU	-	Byte

| 126 | 7E | NO EFFECT or THRU | - | Byte | 126 | 7E | NO EFFECT or THRU | - | Byte | 127 | 7F | NO EFFECT or THRU | - | Byte | 127 | 7F | NO EFFECT or THRU | - | Byte | 127 | 7F | NO EFFECT or THRU | - | Byte | 127 | 7F | NO EFFECT or THRU | - | Byte | 127 | 7F | NO EFFECT or THRU | - | Byte | 128 | 7E | NO EFFECT or THRU | - | Byte | 127 | 7F | NO EFFECT or THRU | - | Byte | 128 | 7F | NO EFFECT or THRU | - | Byte | 128 | 7F | NO EFFECT or THRU | - | Byte | 128 | 7F | NO EFFECT or THRU | - | Byte | 127 | 7F | NO EFFECT or THRU | - | Byte | 128 | 7F | NO EFFECT or THRU | - | Byte | 128 | 7F | NO EFFECT or THRU | - | Byte | 128 | 7F | NO EFFECT or THRU | - | Byte | 128 | 7F | NO EFFECT or THRU | - | Byte | 128 | 7F | NO EFFECT or THRU | - | Byte | 128 | 7F | NO EFFECT or THRU | - | Byte | 128 | 7F | NO EFFECT or THRU | - | Byte | 128 | 7F | NO EFFECT or THRU | - | Byte | 128 | 7F | NO EFFECT or THRU | - | Byte | 128 | 7F | NO EFFECT or THRU | - | Byte | 128 | 7F | NO EFFECT or THRU | - | Byte | 128 | 7F | NO EFFECT or THRU | - | Byte | 128 | 7F | NO EFFECT or THRU | - | Byte | 128 | 7F | NO EFFECT or THRU | - | Byte | 128 | 7F | NO EFFECT or THRU | - | Byte | 128 | 7F | NO EFFECT or THRU | - | Byte | 128 | 7F | NO EFFECT or THRU | - | Byte | 128 | 7F | NO EFFECT or THRU | - | Byte | 128 | NO EFFECT or THRU | - | Byte | 128 | NO EFFECT or THRU | - | Byte | 128 | NO EFFECT or THRU | - | Byte | 128 | NO EFFECT or THRU | - | Byte | 128 | NO EFFECT or THRU | - | Byte | 128 | NO EFFECT or THRU | - | Byte | 128 | NO EFFECT or THRU | - | Byte | 128 | NO EFFECT or THRU | - | Byte | 128 | NO EFFECT or THRU | - | Byte | 128 | NO EFFECT or THRU | - | Byte | 128 | NO EFFECT or THRU | - | Byte | 128 | NO EFFECT or THRU | - | Byte | 128 | NO EFFECT or THRU | - | Byte | 128 | NO EFFECT or THRU | - | Byte | 128 | NO EFFECT or THRU | - | Byte | 128 | NO EFFECT or THRU | - | Byte | 128 | NO EFFECT or THRU | - | Byte | NO EFFECT or THRU | - | Byte | NO EFFECT or THRU | - | Byte | NO EFFECT or THRU | - | Byte | NO EFFECT or THRU |

7

#### MULTI EQ

TY	PE		
DEC	HEX	name	0
0	00	Flat	+
1	01	Jazz	+
2	02	Pops	+
3	03	Rock	+
4	04	Concert	+
5	05	Flat	+
- :	- :	:	
407	7	EL-1	

- O : Option • Blank : XG Standard, XGLite Standard + : XG Option, XGLite Option : XG Standard, XGLite Option

### XG EFFECT PARAMETER LIST

Option R: Reverb
C: Chorus
V: Variation
I: Insertion

Blank : XG Standard, XGlite Standard + : XG Option, XGlite Option - : XG Standard, XGlite Option

Data Range [] : unit
() : XG Standard Data Range

NO EFFECT

No.	Parameter Name		Opt			Data Range	Defa	ult Data	See Table	Control	Notes
		R	C	VI		Display		Display			
1	-				0	-	0	-			
2	-				0	-	0	-			
3	-				0	-	0	-			
4	-				0	-	0	-			
5	-				0	-	0	-			
6	-				0	-	0	-			
7	-				0	-	0	-			
8	-				0	-	0	-			
9	-				0	-	0	-			
10	-				0	-	0	-			
11	-				0	-	0	-			
12	-				0	-	0	-			
13	-				0	-	0	-			
14	-				0	-	0	-			
15	-				0	-	0	-			
16	-				0	_	0	_			

HALL 1

No.	Parameter Name	(	Optio	n		Data Range	Defa	ult Data	See Table	Control	Notes
		R	V	/ I		Display		Display			
1	Reverb Time		-	+	0 - 69	0.3 ~ 30.0 [sec]	18	2.1[sec]	table#4		
2	Diffusion		-	+		0 ~ 10	10	10			
3	Initial Delay		- 1	+	0 - 63	0.1 ~ 99.3 [ms]	8	12.7[ms]	table#5		
4	HPF Cutoff		-   -	+	0 - 52	Thru ~ 8.0[kHz]	13	90[Hz]	table#3		
5	LPF Cutoff		- 1	+	34 - 60	1.0[kHz] ~ Thru	49	5.6[kHz]	table#3		
6	-				0	-	0	-			
7	-				0	-	0	-			
8	-				0	-	0	-			
9	-				0	-	0	-			
10	Dry/Wet Balance		- 1	+	1 - 127	D63>W ~ D=W ~ D <w63< td=""><td>40</td><td>D24&gt;W</td><td>table#15</td><td></td><td></td></w63<>	40	D24>W	table#15		
11	Rev Delay	+	+	+	0 - 63	0.1 ~ 99.3 [ms]	0	0.1[ms]	table#5		
12	Density	+	+	+	0 - 4	0 ~ 4	4	4			
13	Er/Rev Balance	+	+	+	1 - 127	E63>R ~ E=R ~ E <r63< td=""><td>50</td><td>E14&gt;R</td><td></td><td></td><td></td></r63<>	50	E14>R			
14	High Damp	+	+	+	1 - 10	0.1 ~ 1.0	8	0.8			
15	Feedback Level	+	+	+	1 - 127	-63 ~ +63	64	+0	table#16		
16	_				0	-	0	-			

HALL 2

No.	Parameter Name	Oj	ption		Data Range	Defa	ult Data	See Table	Control	Notes
		R	VI		Display		Display			
1	Reverb Time	-	- +	0 - 69	0.3 ~ 30.0 [sec]	25	2.8[sec]	table#4		
2	Diffusion	-	- +	0 - 10	0 ~ 10	10	10			
3	Initial Delay	-	- +	0 - 63	0.1 ~ 99.3 [ms]	28	44.2[ms]	table#5		
4	HPF Cutoff	-	- +	0 - 52	Thru ~ 8.0[kHz]	6	40[Hz]	table#3		
5	LPF Cutoff	-	- +	34 - 60	1.0[kHz] ~ Thru	46	4.0[kHz]	table#3		
6	-			0	=	0	-			
7	-			0	-	0	-			
8	-			0	=	0	-			
ç	-			0	=	0	-			
10	Dry/Wet Balance	-	- +	1 - 127	D63>W ~ D=W ~ D <w63< td=""><td>40</td><td>D24&gt;W</td><td>table#15</td><td></td><td></td></w63<>	40	D24>W	table#15		
11	Rev Delay	+	+ +	0 - 63	0.1 ~ 99.3 [ms]	13	20.6[ms]	table#5		
12	Density	+	+ +	0 - 4	0 ~ 4	3	3			
13	Er/Rev Balance	+	+ +	1 - 127	E63>R ~ E=R ~ E <r63< td=""><td>74</td><td>E<r10< td=""><td></td><td></td><td></td></r10<></td></r63<>	74	E <r10< td=""><td></td><td></td><td></td></r10<>			
14	High Damp	+	+ +	1 - 10	0.1 ~ 1.0	7	0.7			
15	Feedback Level	+	+ +	1 - 127	-63 ~ +63	64	+0	table#16		
16	i -			0	=	0	-			

LARGE HALL

No.	Parameter Name	(	Optio	n		Data Range	Defa	ult Data	See Table	Control	Notes
		R	١	/ I		Display		Display			
1	Reverb Time	+		+ +	0-69	0.3 ~ 30.0 [sec]	18	2.1[sec]	table#4		
2	Diffusion	+	-	+ +		0 ~ 10	10	10			
3	Initial Delay	+	-	+ +	0-63	0.1 ~ 99.3 [ms]	8	12.7[ms]	table#5		
4	HPF Cutoff	+	-	+	0-52	Thru ~ 8.0[kHz]	13	90[Hz]	table#3		
5	LPF Cutoff	+	-	+ +	34-60	1.0[kHz] ~ Thru	49	5.6[kHz]	table#3		
6	-				0	-	0	-			
7	-				0	-	0	-			
8	-				0	-	0	-			
9	-				0	-	0	-			
10	Dry/Wet	+	-	+ +	1-127	D63>W ~ D=W ~ D <w63< td=""><td>40</td><td>D24&gt;W</td><td></td><td></td><td></td></w63<>	40	D24>W			
11					0	-	0	-			
12	-				0	-	0	-			
13	-				0	-	0	-			
14	Feedback High Damp	+	-	+	1-10	0.1 ~ 1.0	8	0.8			
15	i -	1			0	-	0	-			
16	i -				0	-	0	-			

MEDIUM HALL

MEDIUM E											
No.	Parameter Name	(	Optio	n		Data Range	Defa	ult Data	See Table	Control	Notes
		R	1	/ I		Display		Display			
1	Reverb Time	+	+	+	0-69	0.3 ~ 30.0 [sec]	15	1.8[sec]	table#4		
2	Diffusion	+	+	+	0-10	0 ~ 10	10	10			
3	Initial Delay	+	4	+	0-63	0.1 ~ 99.3 [ms]	14	22.1[ms]	table#5		
4	HPF Cutoff	+	4	+	0-52	Thru ~ 8.0 [kHz]	13	90[Hz]	table#3		
5	LPF Cutoff	+	+	+	34-60	1.0[kHz] ~ Thru	49	5.6[kHz]	table#3		
6	-				0	-	0	-			
7	-				0	-	0	-			
8	-				0	-	0	-			
9	-				0	-	0	-			
10	Dry/Wet	+	4	+	1-127	D63>W ~ D=W ~ D <w63< td=""><td>40</td><td>D24&gt;W</td><td></td><td></td><td></td></w63<>	40	D24>W			
11	- 1				0	-	0	-			
12	-				0	-	0	-			
13	-				0	-	0	-			
14	Feedback High Damp	+	4	+	1-10	0.1 ~ 1.0	8	0.8			
15	-	1		1	0	-	0	-			
16	-				0	-	0	-			

HALL M										
No.	Parameter Name		Option		Data Range	Defa	ult Data	See Table	Control	Notes
	1 Reverb Time	R +	V I	0 - 69	Display  0.3 ~ 30.0 [sec]	18	Display 2.1[sec]	table#4		
	2 Diffusion	+	+ +	0 - 10	0 ~ 10	10	10	1-1-45		
	3 Initial Delay 4 HPF Cutoff Frequency	+	+ + +	0 - 63 0 - 52	0.1 ~ 99.3 [ms] Thru ~ 8.0[kHz]	8 13	12.7[ms] 90[Hz]	table#5 table#3		
	5 LPF Cutoff Frequency 6 -	+	+ +	34 - 60	1.0[kHz] ~ Thru	49 0	5.6[kHz]	table#3		
	7 -			0	-	0	-			
	8 -			0	-	0	-			
1	0 Dry/Wet Balance	+	+ +	1 - 127	D63>W ~ D=W ~ D <w63< td=""><td>40</td><td>D24&gt;W</td><td>table#15</td><td></td><td></td></w63<>	40	D24>W	table#15		
	1 Reverb Delay 2 Density	+	+ + +	0 - 63 0 - 4	0.1 ~ 99.3 [ms] 0 ~ 4	0 4	0.1[ms] 4	table#5		
1	3 Er/Rev Balance	+	+ +	1 - 127	E63>R ~ E=R ~ E <r63< td=""><td>50</td><td>E14&gt;R</td><td></td><td></td><td></td></r63<>	50	E14>R			
1	4 Feedback High Damp 5 Feedback Level	+	+ +	1 - 10 1 - 127	0.1 ~ 1.0 -63 ~ +63	8 64	0.8	table#16		
î				0	-	0	-	tuoie#10		
HALL L										
No.	Parameter Name	R	Option		Data Range	Defa	ult Data	See Table	Control	Notes
	1 Reverb Time	+ +	V I	0 - 69	Display  0.3 ~ 30.0 [sec]	18	Display 2.1[sec]	table#4		
	2 Diffusion	+	+ +	0 - 10	0 ~ 10	10	10	. 11 //5		
	3 Initial Delay 4 HPF Cutoff Frequency	+	+ + +	0 - 63 0 - 52	0.1 ~ 99.3 [ms] Thru ~ 8.0[kHz]	28 6	44.2[ms] 40[Hz]	table#5 table#3		
	5 LPF Cutoff Frequency	+	+ +	34 - 60 0	1.0[kHz] ~ Thru	46 0	4.0[kHz]	table#3		
	7 -			0	-	0	-			
	8 -			0	-	0	-			
1	0 Dry/Wet Balance	+	+ +	1 - 127	D63>W ~ D=W ~ D <w63< td=""><td>40</td><td>D24&gt;W</td><td>table#15</td><td></td><td></td></w63<>	40	D24>W	table#15		
	1 Reverb Delay 2 Density	+	+ + +	0 - 63 0 - 4	0.1 ~ 99.3 [ms] 0 ~ 4	13 3	20.6[ms] 3	table#5		
1	3 Er/Rev Balance	+	+ +	1 - 127	E63>R ~ E=R ~ E <r63< td=""><td>74</td><td>E<r10< td=""><td></td><td></td><td></td></r10<></td></r63<>	74	E <r10< td=""><td></td><td></td><td></td></r10<>			
1	4 Feedback High Damp 5 Feedback Level	+	+ + +	1 - 10 1 - 127	0.1 ~ 1.0 -63 ~ +63	7 64	0.7 0	table#16		
1				0	-	0	-			
ROOM 1										
No.	Parameter Name	0	Option		Data Range	Defa	ult Data	See Table	Control	Notes
-	1 Reverb Time	R	V I	0 - 69	Display 0.3 ~ 30.0 [sec]	5	Display 0.8[sec]	table#4		
	2 Diffusion 3 Initial Delay		- +	0 - 10	0 ~ 10 0.1 ~ 99.3 [ms]	10	10			
	4 HPF Cutoff		- +	0 - 63 0 - 52	0.1 ~ 99.3 [ms] Thru ~ 8.0[kHz]	16 4	25.3[ms] 32[Hz]	table#5 table#3		
	5 LPF Cutoff		- +	34 - 60 0	1.0[kHz] ~ Thru	49 0	5.6[kHz]	table#3		
	6 - 7 -			0	-	0	-			
	8 -			0	-	0	-			
1	0 Dry/Wet Balance		- +	1 - 127	D63>W ~ D=W ~ D <w63< td=""><td>0 40</td><td>D24&gt;W</td><td>table#15</td><td></td><td></td></w63<>	0 40	D24>W	table#15		
	1 Rev Delay 2 Density	+	+ + +	0 - 63 0 - 4	0.1 ~ 99.3 [ms] 0 ~ 4	5 3	8.0[ms] 3	table#5		
1	3 Er/Rev Balance	+	+ +	1 - 127	E63>R ~ E=R ~ E <r63< td=""><td>64</td><td>(E=R)</td><td></td><td></td><td></td></r63<>	64	(E=R)			
1	4 High Damp 5 Feedback Level	+	+ +	1 - 10 1 - 127	0.1 ~ 1.0 -63 ~ +63	8 64	0.8 +0	table#16		
		-								
1	6 -			0	-	0	-			
1	6 -			0	-		-			
1	Parameter Name		Option	0	Data Range	0	ult Data	See Table	Control	Notes
ROOM 2 No.	Parameter Name	R -	Option V I	0 - 69	Data Range Display 0.3 ~ 30.0 [sec]	0 Defa	ult Data Display 1.5[sec]		Control	Notes
ROOM 2 No.	Parameter Name  I Reverb Time 2 Diffusion		V I	0 - 69 0 - 10	Data Range  Display  0.3 ~ 30.0 [sec] 0 ~ 10	0 Defa	ault Data Display 1.5[sec] 10	See Table	Control	Notes
ROOM 2 No.	Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HPF Cutoff		V I - + - + - + - +	0 - 69 0 - 10 0 - 63 0 - 52	Data Range  Display  0.3 ~ 3.0.0 [sec]  0 - 10  0.1 ~ 99.3 [ms]  Thru ~ 8.0[kHz]	Defa		See Table table#4 table#5 table#3	Control	Notes
ROOM 2 No.	Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay		- + - + - +	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60	Data Range  Display  0.3 ~ 30.0 [sec]  0 ~ 10  0.1 ~ 99.3 [ms]	Defa  12 10 5 4 38	Display  1.5[sec] 10 8.0[ms]	See Table table#4 table#5	Control	Notes
ROOM 2 No.	Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HPF Cutoff 5 LPF Cutoff		V I - + - + - + - +	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0	Data Range  Display  0.3 ~ 3.0.0 [sec]  0 - 10  0.1 ~ 99.3 [ms]  Thru ~ 8.0[kHz]	Defa  12 10 5 4 38 0 0	Display 1.5[sec] 10 8.0[ms] 32[Hz] 1.6[kHz]	See Table table#4 table#5 table#3	Control	Notes
ROOM 2 No.	Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HPF Cutoff 5 LPF Cutoff 6 -		V I - + - + - + - +	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0	Data Range  Display  0.3 ~ 30.0 [sec]  0 - 10  0.1 ~ 99.3 [ms]  Thru ~ 8.0[kHz]  1.0[kHz] ~ Thru	Defa  12 10 5 4 38 0	ault Data  Display  1.5[sec] 10 8.0[ms] 32[Hz] 1.6[kHz] -	See Table table#4 table#5 table#3	Control	Notes
ROOM 2 No.	Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HPF Cutoff 5 LPF Cutoff 6 - 7 - 8 - 9 - 0 Dry/Wet Balance		V I - + - + - + - + - +	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0	Data Range    Display	Defa  12 10 5 4 38 0 0 0 40	Display   1.5[sec]   1.6[kHz]   -	See Table table#4 table#5 table#3 table#3	Control	Notes
1 ROOM 2 No.	Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HFF Cutoff 5 LPF Cutoff 6 - 7 - 8 - 9 9 9 Dry/Wet Balance 1 Rev Delay 2 Density		V I - + - + - + + + + + + +	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 4	Data Range    Display	Defa  12 10 5 4 38 0 0 0 40 0 40	ault Data  Display  1.5[sec] 10  8.0[ms] 32[Hz] 1.6[kHz]	See Table table#4 table#5 table#3	Control	Notes
1 ROOM 2 No.	Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HPF Cutoff 5 LPF Cutoff 6 - 7 - 8 - 9 - 10 Dry/Wet Balance 1 Rev Delay 2 Density 3 Er/Rev Balance		V I - + - + - + + + + + + + + + + + + + +	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 4 1 - 127	Data Range  Display  0.3 ~ 30.0 [sec]  0 ~ 10  0.1 ~ 99.3 [ms]  Thru ~ 8.0[kHz]  1.0[kHz] ~ Thru	Defa  12 10 5 4 38 0 0 0 40 0 44 50	nult Data Display 1.5[sec] 10 8.0[ms] 32[Hz] 1.6[kHz] D24>W 0.1[ms] 4 E14>R	See Table table#4 table#5 table#3 table#3	Control	Notes
1 ROOM 2 No.	Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HPF Cutoff 6 - 7 - 8 - 9 - 10 Dry/Wet Balance 1 Rev Delay 2 Density 3 ErRev Balance 4 High Damp 5 Feedback Level		V I - + - + - + + + + + + +	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 4 1 - 127 1 - 10 1 - 127	Data Range    Display	Defa  12 10 5 4 38 0 0 0 40 0 4 50 8 64	ault Data  Display  1.5[sec] 10  8.0[ms] 32[Hz] 1.6[kHz]	See Table table#4 table#5 table#3 table#3	Control	Notes
1 ROOM 2 No.	Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HPF Cutoff 6		V I - + - + - + + + + + + + + + + + + + +	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 4 1 - 127 1 - 10	Data Range    Display	Defa  12 10 5 4 38 0 0 0 40 0 44 50 8	Display 1.5[sec] 10 8.0[ms] 32[Hz] 1.6[kHz] D24>W 0.1[ms] 4 E14>R 0.8	See Table table#4 table#5 table#3 table#3 table#15 table#15	Control	Notes
1 ROOM 2 No.	Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HFF Cutoff 6 - 7 - 8 - 9 - 0 Dry/Wet Balance 1 Rev Delay 2 Density 3 ErRev Balance 4 High Damp 5 Feedback Level 6 -	+ + + + + + + + + + + + + + + + +	V I - + - + - + - + + + + + + + + +	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 4 1 - 127 1 - 10 1 - 127	Data Range  Display  0.3 ~ 30.0 [sec]  0 - 10  0.1 ~ 99.3 [ms]  Thru ~ 8.0[kHz]  1.0[kHz] ~ Thru	Defa  12 10 5 4 38 0 0 0 40 0 450 8 64 0	Jault Data Display 1.5[sec] 10 8.0[ms] 32[Hz] 1.6[k+z] D24>W 0.1[ms] 4 0.8 +0	See Table table#4 table#5 table#3 table#3 table#15 table#16		
1 ROOM 2 No.	Parameter Name    Reverb Time   2 Diffusion   3 Initial Delay   4 HPF Cutoff   5 LPF Cutoff   6 -	+ + + + + + + + + + + + + + + + +	V I - + - + - + - + - + - + - + - + - + - +	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 0 1 - 127 0 - 63 0 - 4 1 - 127 1 - 10 1 - 127 0	Data Range    Display	0  Defa  12  10  5  4  38  0  0  0  40  0  4  50  8  64  0  Defa	Display   Display   Display   1.5[sec]   10   8.0[ms]   32[Hz]   1.6[kHz]     D24>W   0.1[ms]   4   E14>R   0.8   +0   -     E14>L   E	See Table table#4 table#4 table#3 table#3 table#15 table#16  See Table		Notes  Notes
1 ROOM 2 No.	Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HFF Cutoff 6 - 7 - 8 - 9 - 0 Dry/Wet Balance 1 Rev Delay 2 Density 3 ErRev Balance 4 High Damp 5 Feedback Level 6 -	R + + + + + + + + + + + + + +	V I - + - + - + - + - + - + - + - + - + - +	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 4 1 - 127 1 - 10 1 - 127	Data Range    Display	Defa  12 10 5 4 38 0 0 0 40 0 450 8 64 0	ault Data  Display 1.5[sec] 10 8.0[ms] 32[Hz] 1.6[kHz] D24>W 0.1[ms] 4 E14>R 0.8 +0	See Table table#4 table#5 table#3 table#3 table#15 table#16		
1 ROOM 2 No.	Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HFF Cutoff 6 - 7 - 8 - 9 - 0 Dry/Wet Balance 1 Rev Delay 2 Density 3 Er/Rev Balance 4 High Damp 5 Feedback Level 6 -  Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay	R + + + + + + + + + + + + + +	V I - + - + - + + + + + + + + + + + - + - +	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 4 1 - 127 0	Data Range    Display	Defa  12 10 5 4 38 0 0 0 40 45 50 8 64 0  Defa 9 10 47	Display   1.5[sec]   10   8.0[ms]   32[Hz]   1.6[kHz]     1.0	See Table table#4 table#5 table#15 table#15 table#16  See Table table#16		
1 ROOM 2 No.	Parameter Name  Reverb Time 2 Diffusion 3 Initial Delay 4 HPF Cutoff 6 - 7 - 8 - 9 - 10 Dry/Wet Balance 1 Rev Delay 2 Density 3 ErRev Balance 4 High Damp 5 Feedback Level 6 - 9 Parameter Name 1 Reverb Time 2 Diffusion	R + + + + + + + + + + + + + +	V I - + - + - + - + + + + + + + + + + + - + -	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 4 1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60	Data Range  Display  0.3 ~ 30.0 [sec]  0.1 ~ 99.3 [ms]  Thru ~ 8.0 [ktz]  1.0 [ktz] ~ Thru	Defs  12 10 5 4 38 0 0 0 40 0 45 5 8 64 0  Defs  9 10 47 5 36	Data   Display   1.5[sec]   10   8.0[ms]   32[Hz]   1.6[kHz]   1.6[kHz]   1.6[kHz]   1.6[kHz]   1.7[kHz]   1	See Table table#4 table#3 table#3 table#15 table#16  See Table table#16		
1 ROOM 2 No.	Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HFF Cutoff 6 - 7 - 8 - 9 - 10 Dry/Wet Balance 1 Rev Delay 2 Density 3 ErRev Balance 4 High Damp 5 Feedback Level 6 -  Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HFF Cutoff 5 LPF Cutoff 6 -	R + + + + + + + + + + + + + +	V I  - + - + - + - + + + + + + + + + - + -	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 4 1 - 127 1 - 10 0 0 - 69 0 - 10 0 - 69 0 - 10 0 - 63	Data Range	Defa  12 10 5 4 38 0 0 0 40 0 4 50 8 64 0  Defa 9 10 47 5 36 0	Display   1.5[sec]   10   8.0[ms]   32[Hz]   1.6[kHz]     1.6[	See Table table#4 table#3 table#3 table#15 table#16  See Table table#16		
1 ROOM 2 No.	Parameter Name  Reverb Time 2 Diffusion 3 Initial Delay 4 HFF Cutoff 6 - 7 - 8 - 9 - 10 Dry/Wet Balance 1 Rev Delay 2 Density 3 ErRev Balance 4 High Damp 5 Feedback Level 6 - 1 Parameter Name 1 Reverb Time 2 Diffusion 3 Initial Delay 4 HFF Cutoff	R + + + + + + + + + + + + + +	V I  - + - + - + - + + + + + + + + + - + -	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 - 4 1 - 127 1 - 10 1 - 127 0 0 - 69 0 - 10 0 - 69 0 - 10 0 - 69 0 - 10 0 - 63	Data Range	0 Defa  12 10 5 4 38 0 0 0 4 50 8 64 0  Defa  9 10 47 5 36 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Data   Display   1.5[sec]   10   8.0[ms]   32[Hz]   1.6[kHz]     1.0[kHz]     1.0[kHz]     1.0[kHz]   1.2[sec]   10   74.1[ms]   36[Hz]   1.2[sec]   10   74.1[ms]   36[Hz]   1.2[sec]   1.2[sec]   1.2[sec]   1.2[sec]   1.2[sec]   1.2[sec]   1.2[sec]   1.3[sec]   1.3[sec	See Table table#4 table#3 table#3 table#15 table#16  See Table table#16		
1   ROOM 2   No.	Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HFF Cutoff 6 - 7 - 8 - 9 - 1 Dry/Wet Balance 1 Rev Delay 2 Density 3 Eir/Rev Balance 4 High Damp 5 Feedback Level 6 -  Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HFF Cutoff 6 - 5 - 8 - 9 - 9 -	R + + + + + + + + + + + + + +	V I  - + - + - + - + + + + + + + + + - + -	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 0 1 - 127 0 - 63 0 - 4 1 - 127 1 - 107 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0	Data Range    Display	Defa  12  10  5  4  38  0  0  4  50  4  50  8  64  9  10  47  5  36  0  0  0  0  0  0  0  0  0  0  0  0  0	Display   1.5 sec    10   8.0 ms    32 Hz    1.6 kHz      -   1.0    1.6 kHz    -   1.0    1.0    1.2 sec    1.2 se	See Table table#4 table#15 table#16 table#16  See Table table#3 table#3 table#3 table#3 table#3 table#3 table#3		
1   ROOM 2   No.	Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HFF Cutoff 6 - 7 - 8 - 9 - 10 Dry/Wet Balance 1 Rev Pelay 2 Density 3 Er/Rev Balance 4 High Damp 5 Feedback Level 6 -  Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HFF Cutoff 5 - 6 - 7 - 8 - 9 - 9 Dory/Wet Balance 1 Reverb Time 2 Diffusion 3 Initial Delay 4 HFF Cutoff 5 - 6 - 7 - 8 - 8 - 9 - 9 - 10 Dry/Wet Balance 1 Rev Delay 9 Dry/Wet Balance 1 Rev Delay 1 Rev Delay 9 Dry/Wet Balance 1 Rev Delay 1 Rev Delay	R + + + + + + + + + + + + + +	V I - + - + - + - + - + - + - + - + - + - +	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 4 1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 - 69 0 - 10 0 - 63 0 - 10 0 - 63 0 - 10 0 - 63 0	Data Range    Display	Defs 12 10 5 4 38 0 0 0 40 0 4 50 8 64 9 10 7 5 36 0 0 0 40 0 0 40 0 0 40 0 0 40 0 0 0 40 0 0 0 0 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display   1.5 sec    10   1.5 sec    10   8.0 ms    32 Hz    1.6 kHz      -   1.2 sec    10   1.2 sec    10   1.2 sec    10   1.2 sec    10   1.2 sec    1.2	See Table table#4 table#3 table#3 table#15 table#16  See Table table#16		
1   ROOM 2   No.	Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HPF Cutoff 6 - 7 - 8 - 9 - 10 Dry/Wet Balance 1 Rev Delay 2 Density 3 ErRew Balance 4 High Damp 5 Feedback Level 6 -  Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HPF Cutoff 5 LPF Cutoff 6 - 7 - 9 - 9 - 10 Dry/Wet Balance 1 Rev Delay 2 Density 3 Dersity 4 HPF Cutoff 6 - 7 - 8 - 9 - 10 Dry/Wet Balance 1 Rev Delay 2 Density 4 Density 5 Density 6 Density 7 Density 8 Density 8 Density 9 LPF Cutoff 1 Dry/Wet Balance 1 Rev Delay 9 LPE De	R + + + + + + + + + + + + + +	V I - + - + - + + + + + + + + + - + - + - +	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 1 - 127 0 - 63 0 - 4 1 - 127 1 - 10 1 - 127 0 0 - 69 0 - 10 0 - 52 34 - 60 0 - 69 0 - 10 0 - 52 34 - 60 0 - 63 0 - 52 34 - 60 0 - 63 0 - 63 0 - 127 0 - 63 0 - 63 0 - 63 0 - 64 0 - 64	Data Range	Defs  12 10 5 4 38 0 0 0 4 50 8 64 0  Defs  9 10 47 55 36 0 0 0 0 0 47 47 55 36 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display   1.5[sec]   10   8.0[ms]   32[Hz]   1.6[kHz]       1.0	See Table table#5 table#5 table#3 table#15 table#16  See Table table#16  See Table table#3 table#3 table#3 table#3 table#3 table#3 table#3		
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Parameter Name    Reverb Time   2 Diffusion   3 Initial Delay   4 HPF Cutoff   5 LPF Cutoff   6 -	R + + + + + + + + + + + + + +	V I - + - + - + - + + + + + + + + - + - + -	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 4 1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 - 69 0 - 10 0 - 63 0 - 53 0 - 69 0 - 10 0 - 63 0 - 63 0 - 69 0 - 10 0 - 63 0 - 6	Data Range    Display	Defs 12 10 5 4 38 0 0 0 40 0 4 50 8 64 9 10 7 5 36 0 0 0 47 5 0 0 0 40 0 4 60	ault Data  Display  1.5[sec] 10  8.0[ms] 32[Hz] 1.6[kHz] D24>W 0.1[ms] 4 E14>R 0.8 +0 Display 1.2[sec] 10 74.1[ms] 36[Hz] 1.2[kHz]	See Table table#5 table#5 table#3 table#15 table#16  See Table table#16  See Table table#3 table#3 table#3 table#3 table#3 table#3 table#3		
1	Parameter Name    Reverb Time   Diffusion   India Delay   HFF Cutoff	R + + + + + + + + + + + + + +	V I - + - + - + + + + + + + + + - + - + - +	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 4 1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 - 63 0 - 53 0 - 4 1 - 127 0 - 63 0 - 69 0 - 10 0 - 63 0	Data Range    Display	Defs 12 12 10 5 4 38 0 0 0 40 0 4 50 8 64 9 10 47 5 36 0 0 0 47 5 0 0 0 40 60 8 64	Display   1.5 sec    10   8.0 ms    32 Hz    1.6 kHz      -   1.6 kHz    -   1.6 kHz    -   1.6 kHz    -   1.6 kHz    -   1.6 kHz    -   1.6 kHz    -   1.6 kHz    -   1.6 kHz    -   1.2 sec    1.2 kHz    -	See Table table#4 table#5 table#3 table#15 table#16  See Table table#16  See Table table#16  table#16  See Table table#3 table#3 table#3 table#3		
1	Parameter Name    Reverb Time   Diffusion   India Delay   HFF Cutoff	- + + + + + + + + + + + + + + + + + + +	V I - + - + - + - + - + - + - + - + - + - +	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 4 1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 - 63 0 - 53 0 - 4 1 - 127 0 - 63 0 - 69 0 - 10 0 - 63 0	Data Range	Defs 12 10 5 4 38 0 0 0 40 0 4 50 0 17 5 36 0 0 0 40 0 0 40 0 0 40 0 0 40 0 0 0 40 0 0 0 0 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display   1.5 sec    10   10   10   10   10   10   10	See Table table#4 table#5 table#3 table#15 table#16  See Table table#16  See Table table#16  table#16  See Table table#3 table#3 table#3 table#3		
1   ROOM 2   No.	Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HPF Cutoff 6 - 7 - 8 - 9 0 Dry/Wet Balance 1 Kev Delay 2 Density 3 Erfectack Level 6 -  Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HPF Cutoff 6 - 9 - 1 Cutoff 6 - 9 - 1 Cutoff 6 - 1 Cutoff 6 - 9 - 1 Cutoff 6 - 1 Cutoff 6 - 1 Cutoff 6 - 2 Density 8 Erfe Cutoff 6 - 8 - 9 - 1 Dry/Wet Balance 1 Rev Delay 2 Density 3 Erfe Rev Balance 1 Rev Delay 5 Eredhack Level 6 - 5 Dry/Wet Balance 1 Rev Delay 5 Density 6 Dry/Wet Balance 1 Rev Delay 7 Density 8 Erfect Balance 1 Rev Delay 9 Dry/Wet Balance	- + + + + + + + + + + + + + + + + + + +	V I - + + + + + + + + + + + + + + + + + + +	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 4 1 - 127 1 - 10 1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 - 10 0 - 63 0 - 52 34 - 60 0 0 1 - 127 0 - 10 0 - 63 0 - 52 3 - 60 0 0 0 1 - 127 0 - 10 0	Data Range    Display	Defs 12 10 5 4 38 0 0 0 40 0 4 50 0 17 5 36 0 0 0 40 0 0 40 0 0 40 0 0 40 0 0 0 40 0 0 0 0 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display   1.5 sec    10   8.0 ms    32 Hz    1.6 kHz      1.6 kHz      1.6 kHz    - 1.6 kHz    - 1.6 kHz    - 1.6 kHz    - 1.6 kHz    1.2 sec    10   1.2 sec    10   74.1[ms]   36 Hz    1.2 kHz      1.6 kHz    - 1.6 kHz	See Table  table#15 table#15 table#16  See Table  table#16  See Table  table#16  See Table  table#16	Control	Notes
1   ROOM 2   No.	Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HFF Cutoff 6 - 7 - 8 - 9 - 10 Dry/Wet Balance 1 Rev Delay 2 Density 3 Er/Rev Balance 4 High Damp 5 Feedback Level 6 -  Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HFF Cutoff 5 LPF Cutoff 6 - 7 - 8 - 9 - 1 Reverb Time 2 Diffusion 3 Initial Delay 4 HFF Cutoff 5 LPF Cutoff 5 LPF Cutoff 6 - 7 - 8 - 9 - 10 Dry/Wet Balance 1 Rev Delay 2 Density 3 Er/Rev Balance 4 High Damp 5 Feedback Level 6 -  COM  Parameter Name  I Reverb Time 2 Diffusion  I Reverb Time 2 Diffusion  Reverb Time 2 Diffusion	- + + + + + + + + + + + + + + + + + + +	V I - + + + + + + + + + + + + + + + + + + +	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 4 1 - 127 0 0 - 10 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 - 63 0 - 7 0 - 7 0 - 7 0 - 63 0 - 7 0 - 7	Data Range	Defr 12 12 10 5 4 38 8 64 0 10 10 10 10 10 10 10 10 10 10 10 10 1	Display   1.5 sec    10   8.0 ms    32 Hz    1.6 kHz      1.6 kHz      1.6 kHz      1.6 kHz    - 1.6 kHz	See Table table#15 table#16 table#16 table#16  See Table table#16  See Table table#16  See Table table#16  See Table table#15 table#15 table#3 table#3 table#3 table#3 table#4 table#4 table#4 table#4 table#4	Control	Notes
1   ROOM 2   No.	Parameter Name    Reverb Time   Diffusion   Sinitial Delay   HIF Cutoff	- + + + + + + + + + + + + + + + + + + +	V I - + - + - + - + - + - + - + - + - + - +	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 4 1 - 127 1 - 10 1 - 127 0 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 - 69 0 - 10 0 - 63 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 63 0 - 127 0 - 127 0 - 127 0 - 127 0 - 63 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 63 0 - 63	Data Range	Defs  12  12  10  5  4  38  0  0  40  0  40  0  40  0  40  0  47  5  36  64  0  0  0  47  5  36  64  60  0  0  0  0  0  47  5  64  60  0  0  0  0  0  0  0  0  0  0  0  0	Display   1.5[sec]   10   8.0[ms]   32[Hz]   1.6[kHz]     1.6[kH	See Table table#4 table#3 table#15 table#16  See Table table#16  See Table table#16  See Table table#3 table#3 table#3 table#16  See Table table#4 table#5	Control	Notes
1   ROOM 2   No.	Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HFF Cutoff 6 - 7 - 8 - 9 - 10 Dry/Wet Balance I Rev Delay 2 Density 3 ErRew Balance 4 High Damp 5 Feedback Level 6 -  Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HFF Cutoff 6 - 7 - 8 - 9 - 9 - 10 Dry/Wet Balance 1 Reverb Time 2 Diffusion 3 Initial Delay 4 HFF Cutoff 6 - 7 - 8 - 9 - 9 - 10 Dry/Wet Balance 1 Rev Delay 2 Density 3 ErRew Balance 4 High Damp 5 Feedback Level 6 -  DOM  Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 High Damp 5 Feedback Level 6 - DOM  Parameter Name	- + + + + + + + + + + + + + + + + + + +	V I - + - + - + - + - + - + - + - + - + - +	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 4 1 - 127 1 - 10 1 - 127 0 0 0 0 0 0 0 1 - 127 0 0 0 0 0 0 0 0 0 0 0 0 0	Data Range	Defa  12  12  10  5  4  38  0  0  40  40  0  40  40  0  47  5  36  64  0  0  0  47  47  5  36  64  60  0  0  0  0  47  60  0  0  0  47  60  0  0  0  0  0  0  0  0  40  40  40	Display   1.5 sec    10   8.0 ms    32 Hz    1.6 kHz      -   -	See Table table#15 table#16 table#16 table#16  See Table table#16  See Table table#16  See Table table#16  See Table table#15 table#15 table#3 table#3 table#3 table#3 table#4 table#4 table#4 table#4 table#4	Control	Notes
1   ROOM 2   No.	Parameter Name    Reverb Time   Diffusion   Reverb Time   Parameter Name	- + + + + + + + + + + + + + + + + + + +	V I - + + + + + + + + + + + + + + + + + + +	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 4 1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 0 - 63 0 - 63	Data Range	Defs  B  B  B  B  B  B  B  B  B  B  B  B  B	Display   1.5 sec    10   8.0 ms    32 Hz    1.6 kHz      -   1.6 kHz    -   1.6 kHz    -   1.7    1.6 kHz    -   1.7    1.7    1.2 sec    10   1.2 sec    10   1.2 sec    10   1.2 sec    1.2	See Table table#15 table#15 table#16 table#16  See Table table#16  See Table table#16  See Table table#16  See Table table#15 table#15 table#3 table#3 table#3 table#3 table#16	Control	Notes
1   ROOM 2   No.	Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HFF Cutoff 6 - 7 - 8 - 9 - 10 Dry/Wet Balance I Rev Delay 2 Density 3 ErRew Balance 4 High Damp 5 Feedback Level 6 -  Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HFF Cutoff 6 - 7 - 8 - 9 - 9 - 10 Dry/Wet Balance 1 Reverb Time 2 Diffusion 3 Initial Delay 4 HFF Cutoff 6 - 7 - 8 - 9 - 9 - 10 Dry/Wet Balance 1 Rev Delay 2 Density 3 ErRew Balance 4 High Damp 5 Feedback Level 6 -  DOM  Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 High Damp 5 Feedback Level 6 - DOM  Parameter Name	- + + + + + + + + + + + + + + + + + + +	V I - + + + + + + + + + + + + + + + + + + +	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 4 1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 6	Data Range	Defs	Display   1.5 sec    10   8.0 ms    32 Hz    1.6 kHz      1.7 sec    10   1.2 sec    10   1.2 sec    10   1.2 kHz      1.6 sec	See Table table#15 table#15 table#16 table#16  See Table table#16  See Table table#16  See Table table#16  See Table table#15 table#15 table#3 table#3 table#3 table#3 table#16	Control	Notes
1   ROOM 2   No.	Parameter Name    Reverb Time   2 Diffusion   3 Initial Delay   4 HPF Cutoff   5 LPF Cutoff   6 -	- + + + + + + + + + + + + + + + + + + +	V I - + + + + + + + + + + + + + + + + + + +	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 4 1 - 127 1 - 10 1 - 127 0 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 63 0 - 63 0 - 63 0 - 63 0 - 63 0 - 7 0 - 7 0 - 63 0 - 7 0 - 7	Data Range	Defs  Defs	Display   1.5[sec]   10   8.0[ms]   32[Hz]   1.6[kHz]     1.6[kHz]     1.6[kHz]     1.7[kHz]   1.2[sec]   1.2[sec]   1.2[sec]   1.2[kHz]     1.2[kHz]   1.	See Table table#15 table#15 table#16 table#16  See Table table#16  See Table table#16  See Table table#16  See Table table#15 table#15 table#3 table#3 table#3 table#3 table#16	Control	Notes
1   ROOM 2   No.	Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HFF Cutoff 6 - 7 - 8 - 9 - 1 Dipy/Wet Balance 1 Reverb Time 2 Diffusion 3 Initial Delay 4 HFF Cutoff 6 - 7 - 8 - 9 - 1 Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HFF Cutoff 6 - 7 - 8 - 9 - 9 - 1 Dipy/Wet Balance 1 Reverb Time 2 Diffusion 3 Initial Delay 4 HFF Cutoff 6 - 7 - 8 - 9 - 9 - 1 Dipy/Wet Balance 1 Reverb Time 2 Diffusion 3 Initial Delay 4 HFF Cutoff 5 - 7 - 8 - 9 - 9 - 1 Dipy/Wet Balance 1 Reverb Time 2 Diffusion 3 Initial Delay 4 HFF Cutoff 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	- + + + + + + + + + + + + + + + + + + +	V I - + - + - + - + + + + + + + + + - + - +	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 1 - 127 0 - 63 0 - 4 1 - 127 1 - 10 1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 1 - 127 0 - 63 0 - 52 34 - 60 0 0 0 - 63 0 - 52 34 - 60 0 0 0 - 63 0 - 52 34 - 60 0 0 0 0 0 - 63 0 - 52 34 - 60 0 0 0 0 0 0 - 63 0 - 52 34 - 60 0 0 0 0 0 0	Data Range	Defi 12 10 5 4 38 0 0 0 44 50 0 14 50 0 0 47 5 36 64 0 0 0 40 0 40 0 0 40 0 0 0 0 0 0 0	ault Data  Display  1.5[sec]  10  8.0[ms] 32[Hz] 1.6[kHz] D24>W 0.1[ms] 4  E14>R 0.8 +0	See Table table#15 table#15 table#16 table#16  See Table table#16  See Table table#16  See Table table#16  See Table table#15 table#15 table#3 table#3 table#3 table#3 table#16	Control	Notes
1   ROOM 2   No.	Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HPF Cutoff 6 - 7 - 8 - 9 - 1 Diry/Wet Balance I Reverb Time 2 Diffusion 3 Initial Delay 4 HPF Cutoff 6 - 7 - 8 - 9 - 1 Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HPF Cutoff 5 LPF Cutoff 6 - 7 - 8 - 9 - 9 - 1 Diry/Wet Balance 1 Reverb Time 2 Diffusion 3 Initial Delay 4 HPF Cutoff 5 LPF Cutoff 6 - 7 - 8 - 9 - 9 - 1 Reverb Time 2 Diffusion 3 Initial Delay 4 HPF Cutoff 5 LPF Cutoff 6 - 7 - 8 - 9 - 9 - 1 Diry/Wet Balance 1 Reverb Time 2 Diffusion 3 Initial Delay 4 HPF Cutoff 5 LPF Cutoff 6 - 7 - 8 - 9 - 9 DODy/Wet 1 LPF Cutoff 6 - 9 - 9 DODy/Wet 1 LP Cutoff 6 - 9 - 9 - 9 Dody/Wet 1 LP Cutoff 1 LP Cutoff 1 LP Cutoff 2 LPF Cutoff 3 LPF Cutoff 4 LP Cutoff 5 LPF Cutoff 6 LP Cutoff 7 - 8 - 9 - 9 DDy/Wet 1 LP Cutoff 1 LP Cutoff 1 LP Cutoff 2 LP Cutoff 3 LP Cutoff 4 LP Cutoff 5 LP Cutoff 6 LP Cutoff 7 - 8 - 9 - 9 - 9 DDy/Wet 1 LP Cutoff 1 LP Cutoff 1 LP Cutoff 1 LP Cutoff 2 LP Cutoff 3 LP Cutoff 4 LP Cutoff 5 LP Cutoff 6 LP Cutoff 7 LP Cutoff 7 LP Cutoff 8 LP Cutoff 9 LP Cutoff 9 LP Cutoff 1 LP Cutoff 2 LP Cutoff 3 LP Cutoff 3 LP Cutoff 4 LP Cutoff 4 LP Cutoff 5 LP Cutoff 6 LP Cutoff 7 LP Cutoff 7 LP Cutoff 8 LP Cutoff 9 LP	- + + + + + + + + + + + + + + + + + + +	V I - + - + - + - + + + + + + + + + - + - +	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 4 1 - 127 1 - 100 1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 0 0 0 0 0 0 1 - 127 0 0 0 0 0 0 0 0 0 0 0 0 0	Data Range	Defi 12 10 5 4 38 0 0 0 4 50 0 4 50 0 4 50 0 0 4 50 0 0 4 60 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display   1.5[sec]   10   8.0[ms]   32[Hz]   1.6[kHz]     1.6[kHz]     1.7[sec]   1.6[kHz]     1.7[sec]   1.6[kHz]     1.7[sec]   1.2[sec]   10   1.2[sec]   10   1.2[sec]   1.2	See Table table#15 table#15 table#16 table#16  See Table table#16  See Table table#16  See Table table#16  See Table table#15 table#15 table#3 table#3 table#3 table#3 table#16	Control	Notes
1	Parameter Name    Reverb Time   Diffusion   India Delay   HIPF Cutoff	- + + + + + + + + + + + + + + + + + + +	V I - + - + - + - + + + + + + + + + - + - +	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 1 - 10 1 - 127 0 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 0 0 0 0 0 1 - 127 0 0 0 0 0 0 0 1 - 127 0 0 0 0 0 0 0 0 0 0 0 0 0	Data Range	Defs 12 10 5 4 38 0 0 0 40 0 4 50 8 64 0 0 47 5 36 0 0 0 47 5 36 64 0 0 0 40 0 40 0 0 40 0 7 7	Display   1.5 sec    10   10   10   10   10   10   10	See Table table#15 table#15 table#16 table#16  See Table table#16  See Table table#16  See Table table#16  See Table table#15 table#15 table#3 table#3 table#3 table#3 table#16	Control	Notes
1	Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HPF Cutoff 6 - 7 - 8 - 9 - 1 Diry/Wet Balance 1 Reverb Time 2 Diffusion 3 Initial Delay 4 HPF Cutoff 6 - 7 - 8 - 9 - 1 Parameter Name  I Reverb Time 2 Diffusion 3 Initial Delay 4 HPF Cutoff 5 - 7 - 8 - 9 - 9 - 1 Diffusion 1 Exerce Balance 1 Reverb Time 2 Diffusion 3 Initial Delay 4 HPF Cutoff 6 - 7 - 8 - 9 - 9 - 1 Dry/Wet Balance 1 Reverb Time 2 Diffusion 3 Initial Delay 4 HPF Cutoff 6 - 7 - 8 - 8 - 9 - 0 Dory/Wet 1 Reverb Time 2 Diffusion 3 Initial Delay 4 HPF Cutoff 5 - 7 - 8 - 8 - 9 - 9 Dory/Wet 1 - 9 Dory/Wet 1 - 9 Dory/Wet 1 - 9 - 9 - 9 Dory/Wet 1 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9	- + + + + + + + + + + + + + + + + + + +	V I - + - + - + - + + + + + + + + + - + - +	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 4 1 - 127 1 - 100 1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 0 0 0 0 0 0 1 - 127 0 0 0 0 0 0 0 0 0 0 0 0 0	Data Range	Defi 12 10 5 4 38 0 0 0 4 50 0 4 50 0 4 50 0 0 4 50 0 0 4 60 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display   1.5[sec]   10   8.0[ms]   32[Hz]   1.6[kHz]     1.6[kHz]     1.7[sec]   1.6[kHz]     1.7[sec]   1.6[kHz]     1.7[sec]   1.2[sec]   10   1.2[sec]   10   1.2[sec]   1.2	See Table table#15 table#15 table#16 table#16  See Table table#16  See Table table#16  See Table table#16  See Table table#15 table#15 table#3 table#3 table#3 table#3 table#16	Control	Notes

	Y ROOM		1 -						T =		
N	io.	Parameter Name	R O	V I		Data Range Display		ult Data Display	See Table	Control	Notes
	1 Reverb 2 Diffusi	sion	+	+ + +	0-69 0-10	0.3 ~ 30.0 [sec] 0 ~ 10	5 10	0.8[sec] 10	table#4		
	3 Initial I 4 HPF C		+	+ + +	0-63 0-52	0.1 ~ 99.3 [ms] Thru ~ 8.0[kHz]	16 4	25.3[ms] 32[Hz]	table#5 table#3		
	5 LPF Cu	Cutoff	+	+ +	34-60 0	1.0[kHz] ~ Thru	49 0	5.6[kHz]	table#3		
	7 - 8 -				0	-	0	-			
	9 -				0	-	0	-			
	10 Dry/W	Vet	+	+ +	1-127 0	D63>W ~ D=W ~ D <w63< td=""><td>40 0</td><td>D24&gt;W</td><td></td><td></td><td></td></w63<>	40 0	D24>W			
	12 - 13 -				0	-	0	-			
	14 Feedba 15 -	ack High Damp	+	+ +	1-10 0	0.1 ~ 1.0	8	0.8			
	16 -				0	-	0	-			
ROOM		Parameter Name	1 0			Data Range	Dofe	ult Data	C T-1-1-	Ct1	Neter
P	io.		R	V I		Display		Display	See Table	Control	Notes
	1 Reverb 2 Diffusi	sion	+	+ +	0 - 69 0 - 10	0.3 ~ 30.0 [sec] 0 ~ 10	11 10	1.4[sec] 10	table#4		
	3 Initial I 4 HPF C	Delay Cutoff Frequency	+	+ + +	0 - 63 0 - 52	0.1 ~ 99.3 [ms] Thru ~ 8.0[kHz]	5 4	8.0[ms] 32[Hz]	table#5 table#3		
	5 LPF Cu	Cutoff Frequency	+	+ +	34 - 60 0	1.0[kHz] ~ Thru	38 0	1.6[kHz]	table#3		
	7 -				0	-	0	-			
	9 -				0	-	0	-			
	11 Reverb		+	+ + +	1 - 127 0 - 63	D63>W ~ D=W ~ D <w63 0.1 ~ 99.3 [ms]</w63 	40 0	D24>W 0.1[ms]	table#15 table#5		
	12 Density 13 Er/Rev	ty	+	+ + +	0 - 4 1 - 127	0 ~ 4 E63>R ~ E=R ~ E <r63< td=""><td>4 50</td><td>4 E14&gt;R</td><td></td><td></td><td></td></r63<>	4 50	4 E14>R			
		ack High Damp	+	+ +	1 - 127 1 - 10 1 - 127	0.1 ~ 1.0 -63 ~ +63	8 64	0.8	table#16		
L	15 Feedba 16 -	duk level	+	+ +	0	-03 +03	0	-	table#16		
ROOM											
N	io.	Parameter Name	R O	ption V I		Data Range Display	Defa	ult Data Display	See Table	Control	Notes
	1 Reverb 2 Diffusi		+	+ +	0 - 69 0 - 10	0.3 ~ 30.0 [sec] 0 ~ 10	13 10	1.6[sec] 10	table#4		
	3 Initial I		+	+ + +	0 - 63 0 - 52	0.1 ~ 99.3 [ms] Thru ~ 8.0[kHz]	16	25.3[ms] 32[Hz]	table#5 table#3		
	5 LPF Cu	Cutoff Frequency	+	+ +	34 - 60	1.0[kHz] ~ Thru	49	5.6[kHz]	table#3		
	6 - 7 -				0	-	0	-			
	8 - 9 -				0	-	0	-			
	10 Dry/Wo 11 Reverb	Vet Balance	+	+ + +	1 - 127 0 - 63	D63>W ~ D=W ~ D <w63 0.1 ~ 99.3 [ms]</w63 	40 5	D24>W 8.0[ms]	table#15 table#5		
	12 Density	ty	+	+ +	0 - 4	0 ~ 4	3	3	table#3		
	13 Er/Rev 14 Feedba	v Balance ack High Damp	+	+ + +	1 - 127 1 - 10	E63>R ~ E=R ~ E <r63 0.1 ~ 1.0</r63 	64 8	E=R			
							O	0.8			
	15 Feedba 16 -	ack Level	+	+ +	1 - 127 0	-63 ~ +63 -	64 0	0.8	table#16		
ROOM	15 Feedba 16 -	ack Level	+		1 - 127	-63 ~ +63 -	64 0	0 -			
	15 Feedba 16 -	Parameter Name	+ O <sub>I</sub>		1 - 127	-63 ~ +63  Data Range  Display	64 0	0 - ult Data	table#16	Control	Notes
	15 Feedba 16 - L lo.	Parameter Name b Time	+ O <sub>I</sub> R + + +	ption V I + +	1 - 127 0	_63 ~ +63 Data Range 	0 Defa	0  ault Data Display 1.8[sec]		Control	Notes
	15 Feedba 16 - L lo. 1 Reverb 2 Diffusi 3 Initial 1	Parameter Name b Time ion Delay	+ O <sub>I</sub> R + + + + + + + + + + + + + + + + + +	ption V I + + + + + + + + + + + + + + + + + +	0 - 69 0 - 10 0 - 63	Data Range Display 0.3 ~ 30.0 [sec] 0 ~ 10 0.1 ~ 99.3 [ms]	Defa  15 10 47	0  ault Data Display 1.8[sec] 10 74.1[ms]	See Table table#4 table#5	Control	Notes
	15 Feedba 16 - L lo. Reverb 2 Diffusi 3 Initial I 4 HPF Co	Parameter Name b Time ion	+ Or R + + + + + + + + + + + + + + + + + +	ption V I + + +	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60	-63 ~ +63 - Data Range Display 0.3 ~ 30.0 [sec] 0 ~ 10	Defa  15 10 47 5 36	0  bult Data Display 1.8[sec] 10 74.1[ms] 36[Hz] 1.2[kHz]	See Table	Control	Notes
	15 Feedba 16 - L lo. Reverb 2 Diffusi 3 Initial I 4 HPF Co	Parameter Name b Time ion Delay Until Frequency	+ O <sub>I</sub> R + + + + + + + +	ption V I + + + + + + + + + + + + + + + + + +	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0	-63 ~ +63	Defa  15 10 47 5 36 0 0	0  ault Data Display 1.8[sec] 10 74.1[ms] 36[Hz] 1.2[kHz]	See Table table#4 table#5 table#3	Control	Notes
	15 Feedba 16 - 1 I. 1 Reverb 2 Diffusi 3 Initial 1 4 HPF Ct 5 LPF Ct 6 -	Parameter Name b Time ion Delay Until Frequency	O <sub>I</sub> R + + + + + + + + + + + + + + + + + +	ption V I + + + + + + + + + + + + + + + + + +	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0	-63 ~ +63	Defa  15 10 47 5 36 0	0  ault Data Display 1.8[sec] 10 74.1[ms] 36[Hz] 1.2[kHz]	See Table table#4 table#5 table#3	Control	Notes
	15 Feedba 16 -  1 Reverb 2 Diffusi 3 Initial I 4 HPF Ci 6 - 7 - 8 - 10 Dry/Wo	Parameter Name b Time ion Delay Zutoff Frequency //vt Balance	+ O) R + + + + + + + + + + + + + + + + + +	ption V I + + + + + + + + + + + + + + + + + +	0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0	Data Range  Display  0.3 ~ 30.0 [sec] 0 ~ 10 0.1 ~ 93.3 [ms]  Thru ~ 8.0 [kHz] 1.0 [kHz] ~ Thru	Defa  Defa  15  10  47  5  36  0  0  40	0 	See Table table#4 table#5 table#3 table#3	Control	Notes
	15 Feedba 16 -  1 Reverb 2 Diffusi 3 Initial 1 4 HPF Ct 5 LPF Ct 6 - 7 - 8 - 9 - 10 Dry/W 11 Reverb 12 Density	Parameter Name b Time ion Delay Zutoff Frequency Zutoff Frequency Vet Balance b Delay Ty	+ Oj R + + + + + + + + + + + + + + + + + +	ption V I	1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 52 34 - 60 0 - 63 0 - 63 0 - 52 34 - 60 0 - 63 0	Data Range  Display  0.3 ~ 30.0 [sec] 0 ~ 10 0.1 ~ 99.3 [ms]  Thru ~ 8.0 [kHz] 1.0 [kHz] ~ Thru	Defa  15 10 47 5 36 0 0 40 0 40 0 4	0	See Table table#4 table#5 table#3 table#3	Control	Notes
	15 Feedba 16 -  L 16 Reverb 2 Diffusi 3 Initial I 4 HPF C 5 LPF C 6 - 7 - 8 - 9 - 10 Dry/W 11 Reverb 12 Density 12 Density 13 Er/Rev 14 Feedba	Parameter Name b Time ion Delay Zutoff Frequency Zutoff Frequency Vet Balance b Delay V Balance ack High Damp	+ OIR + + + + + + + + + + + + + + + + + + +	ption V I	1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 52 34 - 60 0 0 1 - 127 0 - 63 1 - 127 1 - 127 1 - 127 1 - 127	Data Range  Display  0.3 ~ 30.0 [sec] 0 ~ 10 0.1 ~ 99.3 [ms]  Thru ~ 8.0 [kHz] 1.0 [kHz] ~ Thru	Defa  15 10 47 5 36 0 0 0 40 4 60 8	0  bult Data  Display  1.8[sec] 10 74.1[ms] 36[Hz] 1.2[k-2	See Table table#4 table#5 table#3 table#3 table#15 table#15	Control	Notes
	15 Feedba 16	Parameter Name b Time ion Delay Zutoff Frequency Zutoff Frequency Vet Balance b Delay V Balance ack High Damp	+ O) R + + + + + + + + + + + + + + + + + + +	Ption V I I + + + + + + + + + + + + + + + + +	1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 4 1 - 127	Data Range  Display  0.3 - 30.0 [sec]  0.1 - 99.3 [ms]  Thru - 8.0[kHz]  1.0[kHz] - Thru  - 1.0[kHz] - Thru  - 2.03 - 2.04 - 2.0	Defa  15 10 47 5 36 0 0 40 0 40 0 46 60	0	See Table table#4 table#5 table#3 table#3	Control	Notes
STAGI	15 Feedba 16  1 Reverb 2 Diffusi 3 Initial I 4 HPF C 5 LPF C 6 - 7 - 8 - 9 - 10 Dry/W 11 Reverb 12 Density 13 Er/Rev 14 Feedba 16 -	Parameter Name b Time ion Delay Cutoff Frequency Lutoff Frequency Vet Balance b Delay ty Vet Balance b Malance b Level	R + + + + + + + + + + + + + + + + + + +	ption V I + + + + + + + + + + + + + + + + + +	1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 4 1 - 127 1 - 10 1 - 127	Data Range  Display  0.3 ~ 30.0 [sec] 0.1 ~ 99.3 [ms]  Thru ~ 8.0[kHz] 1.0[kHz] ~ Thru	Defa	0	See Table table#4 table#5 table#3 table#3 table#15 table#16		
STAGI	15 Feedba 16.  L 10.  1 Reverb 2 Diffusi 3 Initial I 4 HPF C 6 - 7 - 8 - 9 - 10 Dry/W 11 Reverb 12 Density 13 Ei/Rev 14 Feedba 16 - 15 Feedba 16 -	Parameter Name b Time ion Delay Cutoff Frequency Lutoff Frequency Vet Balance b Delay ty Walance ck High Damp ack Level  Parameter Name	R + + + + + + + + + + + + + + + + + + +	ption V I	1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 0 1 - 127 0 - 63 0 - 4 1 - 127 1 - 10 1 - 127 0	Data Range  Display  0.3 ~ 30.0 [sec]  0.1 ~ 99.3 [ms]  Thru ~ 8.0[kHz]  1.0[kHz] ~ Thru	Defa  15  10  47  5  36  0  0  40  40  40  Defa  Defa	0	See Table table#4 table#4 table#3 table#3 table#15 table#16  See Table	Control	Notes  Notes
STAGI	15 Feedba 16.  1 Reverb 2 Diffusi 3 Initial 1 4 HPF C 5 LPF C 6 - 7 - 8 - 9 - 10 Dry/Wt 11 Reverb 12 Density 12 Density 13 Er/Rev 14 Feedba 15 Feedba 15 Feedba 16 - 1 Reverb	Parameter Name  b Time  ion Delay Zutoff Frequency Zutoff Frequency Vet Balance b Delay Vy Balance Ack High Damp ack Level  Parameter Name	+ + + + + + + + + + + + + + + + + + +	ption V I + + + + + + + + + + + + + + + + + +	1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 1 - 127 0 - 63 0 - 63 0 - 63 0 - 63 1 - 127 0 - 63 0 - 52 34 - 60 0 - 63 0 - 72 0 - 72	Data Range    Display	Defa  15 10 47 5 36 0 0 0 40 40 60 8 64 0 Defa  19	0	See Table table#4 table#5 table#3 table#3 table#15 table#16		
STAGI	15 Feedba  1 Reverb 2 Diffusi 3 Initial 1 4 HPF C 5 LPF C 6 - 7 - 9 - 11 Reverb 11 Reverb 12 Density 13 Er/Rev 15 Feedba 15 Feedba 16 - 1 Reverb 2 Diffusi 3 Initial 1 16 -	Parameter Name  b Time ion Delay Lutoff Frequency Lutoff Frequency Lutoff Frequency Vet Balance b Delay by Vet Balance b Delay The Salance b The Salance b The Salance b Time ion Delay Parameter Name	+ + + + + + + + + + + + + + + + + + +	ption V I	1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 1 - 127 0 - 63 0 - 4 1 - 127 0 0 - 69 0 - 10 0 - 63	Data Range  Display  0.3 ~ 30.0 [sec]  0.1 ~ 99.3 [ms]  Thru ~ 8.0 [kHz]  1.0 [kHz] ~ Thru	Defa  15 10 47 5 36 60 0 0 40 0 4 60 8 64 0 Defa 19 10 16	0	See Table table#4 table#5 table#15 table#15 table#16  See Table table#16		
STAGI	15 Feedba 16	Parameter Name b Time ion Delay Zutoff Frequency Zutoff Frequency Vet Balance b Delay ty ty Walance ack High Damp ack Level  Parameter Name b Time ion Delay Zutoff Time Lety Zutoff Prequency	+ + + + + + + + + + + + + + + + + + +	ption V I	1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 63 1 - 127 0 - 69 0 - 10 0 - 63 0 - 52 3 - 60 0 - 63 0 - 52 3 - 60 0 - 63 0 - 52 3 - 60 0 - 63 0 - 52 0 - 63 0 - 63	Data Range    Display	Defa  15 10 47 5 36 66 0 0 0 40 0 4 60 8 64 0 Defa 19 10 16 7 54	0	See Table table#4 table#3 table#3 table#15 table#16  See Table table#16		
STAGI	15 Feedba   16   16   16   16   16   16   16   1	Parameter Name b Time ion Delay Zutoff Frequency Zutoff Frequency Vet Balance b Delay ty ty Walance ack High Damp ack Level  Parameter Name b Time ion Delay Zutoff Time Lety Zutoff Prequency	+ + + + + + + + + + + + + + + + + + +	ption V I + + + + + + + + + + + + + + + + + +	1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 1 - 127 0 - 63 0 - 4 1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 3 - 60 0 - 63 0 - 52 3 - 60 0 - 63 0 - 52 3 - 60 0 - 63 0 - 52 0 - 63 0 - 63	Data Range    Display	Defa  15 10 47 5 36 0 0 0 40 0 4 60 0 8 64 0  Defa 19 10 16 7 54 0 0 0 0	0	See Table table#4 table#3 table#3 table#15 table#16  See Table table#16		
STAGI	15 Feedba 16	Parameter Name b Time ion Delay Putoff Frequency Jutoff Frequency Vet Balance b Delay Y W Balance ack High Damp ack Level  Parameter Name b Time ion Delay Jutoff Jutoff Jutoff Jutoff	+ + + + + + + + + + + + + + + + + + +	ption V I + + + + + + + + + + + + + + + + + +	1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 4 1 - 127 0 1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Data Range  Display  0.3 ~ 30.0 [sec] 0.1 ~ 99.3 [ms]  Thru ~ 8.0 [kHz] 1.0 [kHz] ~ Thru   D63>W ~ D=W ~ D <w63 0.1="" 0.4="" 4="" 99.3="" [ms]="" e63="" ~="">R ~ E=R ~ E<r63 +63="" 0="" 0.1="" 0.3="" 1.0="" 10="" 30.0="" 43="" 8.0="" 9.9.3="" [khz]="" [ms]="" [sec]="" data="" display="" range="" td="" thru="" thru<="" ~=""><td>Defa  15 10 47 5 36 0 0 0 40 0 4 60 8 64 0  Defa  19 10 16 7 54 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>0</td><td>See Table table#5 table#15 table#15 table#16 table#16  See Table table#16</td><td></td><td></td></r63></w63>	Defa  15 10 47 5 36 0 0 0 40 0 4 60 8 64 0  Defa  19 10 16 7 54 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	See Table table#5 table#15 table#15 table#16 table#16  See Table table#16		
STAGI	15 Feedba 16	Parameter Name b Time ion Delay Tutoff Frequency Vet Balance b Delay Y Y Salance b Delay Y Y Falance b Delay Y Y Falance b Delay Y Y Falance ack High Damp ack Level  Parameter Name b Time ion Delay 'et Balance Vet Balance	+ + + + + + + + + + + + + + + + + + +	ption V I + + + + + + + + + + + + + + + + + +	1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 1 - 102 1 - 127 0 0 0 - 63 0 - 4 1 - 127 1 - 100 1 - 127 0 0 0 0 0 0 0 0 0 0 0 0 0	Data Range    Display     0.3 - 30.0 [sec]     0.1 - 99.3 [ms]     Thru - 8.0 [kHz]     1.0 [kHz] - Thru     1.0 [kHz] - Thru     1.0 [kHz] - Thru     1.0 [kHz] - Thru     2.0 [kHz] - Thru     3.1 - 99.3 [ms]     0 - 4     63 - +63     1.0 [kHz] - Thru     1.0	Defa  Defa  15  10  47  5  36  0  0  0  40  40  4  60  8  64  64  7  19  10  16  7  54  0  0  0  0  0  0  0  0  0  4  0  0  0	0	See Table table#5 table#5 table#3 table#15 table#16  See Table table#16  See Table table#3 table#3 table#3 table#3 table#3 table#3 table#3		
STAGI	15 Feedba  1 Reverb 2 Diffusi 3 Initial 1 4 HPF C 6 - 8 - 9 - 10 Dry/W 11 Reverb 12 Density 13 Er/Rev 14 Feedba 16 - 1 Reverb 2 Diffusi 3 Initial 1 6 - 5 LPF C 6 - 7 - 8 - 9 - 10 Dry/W 11 Reverb 10 Dry/W 11 Reverb 10 Dry/W 11 Reverb 10 Dry/W 11 Reverb 11 Reverb 10 Dry/W 11 Reverb 11 Reverb 12 Density	Parameter Name  b Time ion Delay Tutoff Frequency Lutoff Frequency Vet Balance b Delay By Stalance b Delay Ty Frequency Vet Balance b Delay Ty Vet Balance Parameter Name  b Time ion Delay Lutoff Vet Balance Vet Balance	+ + + + + + + + + + + + + + + + + + +	+ +	1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 1 - 127 0 - 63 0 - 4 1 - 127 1 - 100 1 - 127 0 0 - 69 0 - 10 0 - 69 0 - 10 0 - 52 34 - 60 0 - 63 0 - 4 1 - 127 0 - 12	Data Range    Display     0.3 - 30.0 [sec]     0.1 - 99.3 [ms]     Thru - 8.0 [kHz]     1.0 [kHz] - Thru     1.0 [kHz] - Thru     1.0 [kHz] - Thru     1.0 [kHz] - Thru     2.0 [kHz] - Thru     3.1 - 99.3 [ms]     0 - 4     63 - +63     1.1 - 1.0     63 - +63     1.2 [kHz] - Thru     1.3 [kHz] - Thru     1.4 [kHz] - Thru     1.5 [kHz] - Thru     1.6 [kHz] - Thru     1.7 [kHz] - Thru     1.7 [kHz] - Thru     1.8 [kHz]     1.9 [kHz] - Thru     1.9 [	Defa  15 10 47 5 36 0 0 0 40 4 60 8 64 64 0  Defa  19 10 16 7 54 0 0 0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0	0	See Table table#5 table#15 table#15 table#16 table#16  See Table table#16		
STAGI	15 Feedba  1 Reverb 2 Diffusi 3 Initial 1 4 HPF C 6 - 7 - 8 - 9 - 10 Dry/W 11 Reverb 12 Density 13 Er/Rev 14 Feedba 16 - 1 Reverb 2 Diffusi 3 Initial 1 6 - 7 - 8 - 9 - 10 Dry/W 11 Reverb 10 Dry/W 11 Reverb 10 Dry/W 11 Reverb 10 Dry/W 11 Reverb 11 Reverb 12 Density 13 Er/Rev 14 Feedba 16 - 7 - 9 - 10 Dry/W 11 Reverb 12 Density 13 Er/Rev 14 HPF C 15 LPF C 16 - 7 - 10 Dry/W 11 Rev D 12 Density 13 Er/Rev 14 HPF C 15 LPF C 16 - 7 - 10 Dry/W 11 Rev D 12 Density 13 Er/Rev 14 HPF C 15 LPF C 16 - 7 - 10 Dry/W 11 Rev D 12 Density 13 Er/Rev	Parameter Name  b Time ion Delay Tutoff Frequency Utoff Frequency Vet Balance b Delay By Salance ack High Damp ack Level  Parameter Name  b Time ion Delay Utoff Vet Balance Vet Balance Delay Damp Delay De	+ + + + + + + + + + + + + + + + + + +	+ + + + + + + + + + + + + + + + + + +	1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 1 - 127 1 - 127 0 0 - 63 0 - 4 1 - 127 0 0 - 63 0 - 10 0 - 63 0 - 52 34 - 60 0 0 - 63 0 - 127 0 - 12	Data Range    Display     0.3 - 30.0 [sec]     0.1 - 99.3 [ms]     Thru - 8.0 [kHz]     1.0 [kHz] - Thru     1.0 [	Defa  15 10 47 5 36 0 0 0 40 40 60 8 64 0  Defa  19 10 16 7 54 0 0 0 0 0 0 40 0 3 64 66	0	See Table table#4 table#5 table#3 table#15 table#16  See Table table#16  See Table table#16  table#16  See Table table#3 table#3 table#3 table#3		
STAGI	15 Feedba  16	Parameter Name  b Time ion Delay Tutoff Frequency Utoff Frequency Vet Balance b Delay By Salance ack High Damp ack Level  Parameter Name  b Time ion Delay Utoff Vet Balance Vet Balance Delay Damp Delay De	+ + + + + + + + + + + + + + + + + + +	+ +	1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 4 1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 - 69 0 - 10 0 - 63 0 - 63	Data Range  Display  0.3 ~ 30.0 [sec] 0.1 ~ 99.3 [ms]  Thru ~ 8.0[kHz] 1.0[kHz] ~ Thru	Defa  15 10 47 5 36 0 0 0 40 40 60 8 64 0  Defa  15 16 7 54 0 0 0 0 0 4 0 0 3 64	0	See Table table#5 table#5 table#3 table#15 table#16  See Table table#16  See Table table#3 table#3 table#3 table#3 table#3 table#3 table#3		
STAGI	15 Feedba  1 Reverb 2 Diffusi 3 Initial I 4 HPF C 6 - 9 - 9 - 10 Dry/W 11 Reverb 12 Density 13 Er/Rev 14 Feedba 16 - 1 Reverb 15 Feedba 16 - 7 - 8 - 9 - 10 Dry/W 11 Reverb 11 Dry/W 11 Reverb 12 Dorsity 13 Er/Rev 14 Feedba 15 Feedba 16 - 7 - 9 - 10 Dry/W 11 Rev Dc 12 Density 13 Er/Rev 14 HFigh D	Parameter Name  b Time  ion  ion  Delay  tuoff Frequency  tuoff Frequency  Vet Balance  b Delay  ty  Farameter Name  b Time  ion  Parameter Name  b Time  ion  Delay  tuoff  vet Balance  b June  Parameter Name  b Time  ion  Delay  tuoff  vet Balance  blay  y  Vet Balance  blay  vet Balance	+ + + + + + + + + + + + + + + + + + +	+ + + + + + + + + + + + + + + + + + +	1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 1 - 127 0 - 63 0 - 4 1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 - 69 0 - 10 0 - 63 0 - 7 0 -	Data Range    Display     0.3 - 30.0 [sec]     0.1 - 99.3 [ms]     Thru - 8.0 [kHz]     1.0 [kHz] - Thru     2.0 [kHz] - Thru     3.1 - 30.0 [sec]     3.1 - 30.0 [sec]     3.2 - 30.0 [sec]     3.3 - 30.0 [sec]     0.1 - 99.3 [ms]     Thru - 8.0 [kHz]     1.0 [kHz] - Thru     2.0 [kHz] - Thru     3.0 [kHz] - Thru     4.0 [kHz] - Thru     5.0 [kHz] - Thru     6.0 [k	Defa  15 10 47 56 0 0 0 0 40 0 46 60 8 64 0  Defa  19 19 10 16 7 54 0 0 0 0 0 40 0 16 67 7 54 0 0 0 0 0 0 0 40 0 0 66 67 66 64 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	See Table table#5 table#15 table#16  See Table table#16  See Table table#16  table#16  table#16  table#16  table#15 table#3 table#3 table#3 table#3	Control	Notes
STAGI	15 Feedba  1 Reverb 2 Diffusi 3 Initial I 4 HPF C 5 LPF C 6 - 7 - 8 - 9 - 10 Dry/W 11 Reverb 12 Density 13 Ei/Rev 14 Feedba 16 - 1 Reverb 16 - 1 Reverb 17 - 18 - 19 - 10 Dry/W 11 Rev De 10 Dry/W 11 Rev De 11 Density 11 Ee/Rev 11 Feedba 11 Feedba 15 Feedba 16 - 1 Reverb 1 R	Parameter Name  b Time ioion Delay Lutoff Frequency Lutoff Frequency Vet Balance b Delay by Vet Balance b Time ioin Parameter Name  b Time ioin Delay Lutoff Lutoff  Vet Balance Lutoff Vet Balance Delay Lutoff Lutoff Vet Balance Delay Autoff Lutoff Parameter Name  Parameter Name  Parameter Name	+ + + + + + + + + + + + + + + + + + +	+ + + + + + + + + + + + + + + + + + +	1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 1 - 127 0 - 63 0 - 4 1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 - 69 0 - 10 0 - 63 0 - 7 0 -	Data Range  Display  0.3 ~ 30.0 [sec] 0.1 ~ 99.3 [ms]  Thru ~ 8.0 [kHz] 1.0 [kHz] ~ Thru  D63>W ~ D=W ~ D <w63 0.1="" 0.4="" 4="" 99.3="" [ms]="" e63="" ~="">R ~ E=R ~ E<r63 +63="" -63="" 0="" 0.1="" 0.3="" 1.0="" 10="" 30.0="" 8.0="" 99.3="" <="" [khz]="" [ms]="" [sec]="" data="" display="" range="" td="" thru="" ~=""><td>Defa  15 10 47 56 0 0 0 0 40 0 46 60 8 64 0  Defa  19 19 10 16 7 54 0 0 0 0 0 40 0 16 67 7 54 0 0 0 0 0 0 0 40 0 0 66 67 66 64 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>0</td><td>See Table table#4 table#5 table#3 table#15 table#16  See Table table#16  See Table table#16  table#16  See Table table#3 table#3 table#3 table#3</td><td></td><td></td></r63></w63>	Defa  15 10 47 56 0 0 0 0 40 0 46 60 8 64 0  Defa  19 19 10 16 7 54 0 0 0 0 0 40 0 16 67 7 54 0 0 0 0 0 0 0 40 0 0 66 67 66 64 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	See Table table#4 table#5 table#3 table#15 table#16  See Table table#16  See Table table#16  table#16  See Table table#3 table#3 table#3 table#3		
STAGI	15 Feedba  1 Reverb  2 Diffusi 3 Initial 1 4 HPF C 6 - 7 - 8 - 9 - 10 Dry/W 11 Reverb 12 Density 13 Er/Rev 14 Feedba 16 - 1 Reverb 16 - 1 Reverb 17 - 8 - 9 - 10 Dry/W 18 Eedba 16 - 1 Reverb 11 Reverb 12 Diffusi 13 Initial 1 14 HPF C 15 LPF C 16 - 17 - 8 - 9 - 10 Dry/W 11 Rev Density 13 Er/Rev 14 HPF C 15 LPF C 16 - 17 - 18 - 18 - 19 - 19 - 11 Rev Density 11 Rev Density 12 Density 13 Er/Rev 14 HPF C 15 LPF C 16 - 17 - 18 - 18 - 19 - 19 - 19 - 19 - 19 - 19 - 19 - 19	Parameter Name b Time ion Delay Tutoff Frequency Lutoff Frequency Lutoff Frequency b Delay Ty What Balance b Delay Ty Parameter Name Parameter Name b Time ion Delay Lutoff Lutoff  Vet Balance Level  Parameter Name  Parameter Name b Time Parameter Name Delay Lutoff Lutoff  Parameter Name Delay Parameter Name Delay Ty What Balance Damp Ack Level  Parameter Name	+ + + + + + + + + + + + + + + + + + +	+ +	1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 1 - 127 1 - 10 1 - 127 0 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 1 - 127 0 0 0 0 0 1 - 127 0 0 0 0 0 0 0 0 0 0 1 - 127 0 0 0 0 0 0 0 0 0 0 0 0 0	Data Range    Display	Defa  Defa  15  16  17  5  36  0  0  0  40  0  40  0  40  19  10  16  7  54  0  0  0  40  0  16  7  54  0  0  0  0  40  0  0  40  0  10  16  7  54  0  0  0  0  0  0  0  0  0  0  0  0  0	0	See Table table#5 table#15 table#16  See Table table#16  See Table table#16  table#16  table#16  table#16  table#15 table#3 table#3 table#3 table#3	Control	Notes
STAGI	15 Feedba 16   1   Reverb 2   Diffusi 3   Initial 1   Reverb 10   1   Reverb 2   Diffusi 3   Initial 1   Reverb 10   Dry/Wr 11   Reverb 12   Density 13   Er/Rev 14   Feedba 16   1   Reverb 16   1   Reverb 17   1   Reverb 18   1   Reverb 19   1   Reverb 10   Dry/Wr 11   Reverb 11   Reverb 12   Diffusi 13   Initial 1   Rev De 14   HPF C 15   LPF C 16   LPF C 17   Reverb 18   LPF C 19   LPF C 10   LPF C 11   Reverb 11   Rev De 12   Density 13   Er/Rev 14   HIPF C 15   LPF C 16   LPF C 17   LPF C 18   LPF C 19   LPF C 19   LPF C 10   LPF C 11   LPF C 11   LPF C 11   LPF C 12   LPF C 13   LPF C 14   LPF C 15   LPF C 16   LPF C 17   LPF C 18   LPF C 19   LPF C 19   LPF C 10   LPF C 10   LPF C 10   LPF C 11   LPF C 12   LPF C 13   LPF C 14   LPF C 15   LPF C 16   LPF C 16   LPF C 17   LPF C 18   LPF C 18   LPF C 19   LPF C 19   LPF C 10   LPF C 11   LPF C 11   LPF C 12   LPF C 13   LPF C 14   LPF C 15   LPF C 16   LPF	Parameter Name b Time ion Delay Tutoff Frequency Tutoff Frequency Tutoff Frequency Ty Stalance b Delay Ty Frequency Frequency Frequency Ty Frequency Ty Frequency Frequency Frequency Ty Frequency Fr	+ + + + + + + + + + + + + + + + + + +	+ +	1 - 127 0  0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 4 1 - 127 1 - 10 0  0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 - 11 1 - 127 0  0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 - 63 0 - 52 34 - 60 0 - 69 0 - 69 0 - 69 0 - 69 0 - 69 0 - 69 0 - 69 0 - 69 0 - 69 0 - 69 0 - 69 0 - 69 0 - 69 0 - 69 0 - 69 0 - 60	Data Range    Display	Defa  Defa  15  10  47  536  0  0  0  40  460  8  64  64  0  Defa  Defa  Defa  Defa  11  10  Defa	0	See Table table#4 table#3 table#15 table#16  See Table table#16  See Table table#16  See Table table#3 table#3 table#3 table#16  See Table table#4 table#5	Control	Notes
STAGI	15 Feedba  1 Reverb  2 Diffusi 3 Initial 1 4 HPF C 6 - 7 - 8 - 9 - 10 Dry/W 11 Reverb 12 Density 13 Er/Rev 14 Feedba 16 - 1 Reverb 16 - 1 Reverb 17 - 8 - 9 - 10 Dry/W 18 Eedba 16 - 1 Reverb 11 Reverb 12 Diffusi 13 Initial 1 14 HPF C 15 LPF C 16 - 17 - 8 - 9 - 10 Dry/W 11 Rev Density 13 Er/Rev 14 HPF C 15 LPF C 16 - 17 - 18 - 18 - 19 - 19 - 11 Rev Density 11 Rev Density 12 Density 13 Er/Rev 14 HPF C 15 LPF C 16 - 17 - 18 - 18 - 19 - 19 - 19 - 19 - 19 - 19 - 19 - 19	Parameter Name  B Time  ion Delay Lutoff Frequency Vet Balance D Delay ty Stalance Ack High Damp Ack Level  Parameter Name  B Time John Delay Lutoff Delay Lutoff Parameter Name  D Time John D Lay Lutoff Lay Lutoff D Lay Lutoff Lay	+ + + + + + + + + + + + + + + + + + +	+ +	1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 1 - 10 1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 1 - 127 1 - 10 0 - 63 0 - 52 34 - 60 0 0 0 0 1 - 127 1 - 10 0 - 63 0 - 6	Data Range  Display  0.3 ~ 30.0 [sec] 0 ~ 10  0.1 ~ 99.3 [ms]  Thru ~ 8.0 [kHz] 1.0 [kHz] ~ Thru   D63>W ~ D=W ~ D <w63 0="" 0.1="" 4="" 99.3="" [ms]="" e63="" ~="">R ~ E=R ~ E<r63 +63="" -63="" 0="" 0.1="" 0.3="" 1.0="" 10="" 30.0="" 8.0="" 99.3="" [khz]="" [ms]="" [sec]="" d63="" data="" display="" range="" thru="" ~="">W ~ D=W ~ D<w63 0="" 0.1="" 19.3="" 4="" [ms]="" e65="" ~="">R ~ E=R ~ E<r63 0.1="" 1.0="" 463<="" 6.3="" td="" ~=""><td>Defa  Defa  Defa</td><td>0</td><td>See Table table#15 table#16 table#16 table#16  See Table table#16  See Table table#16  See Table table#16  See Table table#15 table#15 table#3 table#3 table#3 table#3 table#4 table#4 table#4 table#4 table#4</td><td>Control</td><td>Notes</td></r63></w63></r63></w63>	Defa  Defa	0	See Table table#15 table#16 table#16 table#16  See Table table#16  See Table table#16  See Table table#16  See Table table#15 table#15 table#3 table#3 table#3 table#3 table#4 table#4 table#4 table#4 table#4	Control	Notes
STAGI	15 Feedba  1 Reverb 2 Diffusi 3 Initial 1 1 Reverb 1 Reverb 1 Peedba 1 Reverb 1 Peedba 1 Reverb 1 Peedba 1 Reverb 1 Peedba 1 Peedba 1 Reverb 1 Reverb 1 Peedba 1 Reverb 1 Peedba 1 Reverb	Parameter Name  B Time  ion Delay Lutoff Frequency Vet Balance D Delay ty Stalance Ack High Damp Ack Level  Parameter Name  B Time John Delay Lutoff Delay Lutoff Parameter Name  D Time John D Lay Lutoff Lay Lutoff D Lay Lutoff Lay	+ + + + + + + + + + + + + + + + + + +	ption   V   I   + + + + + + + + + + + + + + + + +	1 - 127 0  0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 1 - 10 1 - 127 0  0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 - 11 1 - 127 0  0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 0 - 69 0 - 11 1 - 127 0 0 - 69 0 - 69 0 - 69 0 - 69 0 - 69 0 - 69 0 - 69 0 - 69 0 - 69 0 - 63 0 - 63 0 - 63 0 - 63 0 - 63 0 - 63 0 - 63 0 - 63 0 - 63 0 - 63 0 - 63 0 - 63 0 - 63 0 - 63 0 - 63 0 - 63 0 - 63	Data Range  Display  0.3 ~ 30.0 [sec] 0.1 ~ 99.3 [ms]  Thru ~ 8.0 [kHz]  1.0 [kHz] ~ Thru  1.0 [kHz] ~ Thru  1.0 [-9.3 [ms]  0.1 ~ 99.3 [ms]  0.1 ~ 99.3 [ms]  0.2 ~ 4 [2.3 [2.3 [2.3 [2.3 [2.3 [2.3 [2.3 [2.3	Defa  Defa	0	See Table table#15 table#16 table#16 table#16  See Table table#16  See Table table#16  See Table table#16  See Table table#15 table#15 table#16  See Table table#15 table#16	Control	Notes
STAGI	15 Feedba  1 Reverb 2 Diffusi 3 Initial 1 4 HPF C 5 LPF C 6 - 8 - 9 - 10 Dry/W 11 Reverb 12 Density 13 Er/Rev 14 Feedba 15 Feedba 16 - 1 Reverb 2 Diffusi 3 Initial 1 6 - 1 Reverb 15 Feedba 16 - 1 Reverb 2 Diffusi 3 Initial 1 1 Reverb 16 - 1 Reverb 2 Diffusi 3 Initial 1 1 Reverb 2 Diffusi 5 LPF C 5 LPF C 5 LPF C 5 LPF C 6 - 7 - 8 - 9 - 10 Dry/W 11 Rev D 12 Density 13 Ei/Rev 14 HPF C 5 LPF C 5 LPF C 6 - 5 LPF C 6 - 5 LPF C 6 -	Parameter Name  B Time  ion Delay Lutoff Frequency Vet Balance D Delay ty Stalance Ack High Damp Ack Level  Parameter Name  B Time John Delay Lutoff Delay Lutoff Parameter Name  D Time John D Lay Lutoff Lay Lutoff D Lay Lutoff Lay	+ + + + + + + + + + + + + + + + + + +	ption   V   I   + + + + + + + + + + + + + + + + +	1 - 127 0  0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 1 - 127 0 - 63 0 - 4 1 - 127 1 - 10 1 - 127 0  0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 1 - 127 0 - 63 0 - 52 34 - 60 0 0 1 - 127 0 - 63 0 - 4 1 - 127 1 - 10 1 - 127 0  0 - 63	Data Range  Display  0.3 ~ 30.0 [sec] 0.1 ~ 99.3 [ms]  Thru ~ 8.0 [kHz]  1.0 [kHz] ~ Thru  1.0 [kHz] ~ Thru  1.0 [-9.3 [ms]  0.1 ~ 99.3 [ms]  0.1 ~ 99.3 [ms]  0.2 ~ 4 [2.3 [2.3 [2.3 [2.3 [2.3 [2.3 [2.3 [2.3	Defa  Defa  15  10  47  5  36  0  0  0  40  4  60  8  64  0  Defa  Defa  Defa  Defa  Defa  Defa  Defa	0	See Table table#15 table#16 table#16 table#16  See Table table#16  See Table table#16  See Table table#16  See Table table#15 table#15 table#16  See Table table#15 table#16	Control	Notes
STAGI	15 Feedba  1 Reverb 2 Diffusi 3 Initial 1 4 HPF C 6 - 9 - 10 Dry/W 11 Reverb 12 Density 13 Er/Rev 14 Feedba 15 Feedba 16 - 1 Reverb 2 Diffusi 3 Initial 1 6 - 1 Reverb 15 Feedba 16 - 1 Reverb 16 - 1 Reverb 16 - 1 Reverb 16 - 1 Reverb 17 - 18 - 10 Dry/W 18 - 10 Dry/W 19 - 10 Dry/W 10 Dry/W 11 Rev Density 11 Rev Density 12 Diffusi 13 Er/Rev 14 HPF C 5 LPF C 15 LPF C 16 - 7 - 8 - 9 - 17 - 18 Er/Rev 19 - 10 Dry/W 10 Dry/W 11 Rev Density 11 Reverb 12 Diffusi 13 Er/Rev 14 HPF C 15 E- 16 - 17 - 18 - 18 - 19 - 10 Dry/W	Parameter Name b Time ion Delay Zutoff Frequency Zutoff Frequency Vet Balance b Delay Ity Walance ack High Damp ack Level  Parameter Name  b Time ion Delay Zutoff  Vet Balance Parameter Name  b Time ion Delay Ty Yutoff  Parameter Name  b Time ion Delay Zutoff	+ + + + + + + + + + + + + + + + + + +	+ +	0 - 69 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 1 - 127 0 - 63 0 - 4 1 - 127 0 - 63 0 - 52 34 - 60 0 0 - 10 0 - 63 0 - 52 34 - 60 0 0 - 10 0 - 63 0 - 52 34 - 60 0 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 - 10 0 - 63 0 - 7 0 - 10 0 - 63 0 - 7 0 - 63 0 - 7 0 - 10 0 - 63 0 - 7 0 - 7 0 - 7 0 - 8 0 - 9 0 - 10 0 - 10 0 - 63 0 - 7 1 - 127 0 - 10 0 -	Data Range    Display	Defa  15 10 47 5 36 0 0 0 40 40 60 8 64 60  Defa  19 10 16 7 54 0 0 0 0 40 0 3 64 64 64 0  Defa  111 116 7 51 0 0 0 0 0 40 0 0 40 0 0 40 0 0 40 0 4	0	See Table table#15 table#16 table#16 table#16 table#16  See Table table#16  See Table table#16  See Table table#3 table#15 table#3 table#16	Control	Notes
STAGI	15 Feedba  1 Reverb 2 Diffusi 3 Initial 1 4 HPF C 6 - 7 - 8 - 9 - 10 Dry/W 11 Reverb 12 Density 13 Er/Rev 14 Feedba 15 Feedba 16 - 1 Reverb 16 - 1 Reverb 17 - 8 - 9 - 9 - 10 Dry/W 18 Feedba 19 Dry/W 11 Reverb 10 Dry/W 11 Reverb 10 Dry/W 11 Reverb 11 Reverb 10 Dry/W 11 Reverb 11 Reverb 11 Reverb 12 Density 13 Initial 1 14 HPF C 15 LPF C 16 - 7 - 8 - 9 - 9 - 10 Dry/W 11 Reverb	Parameter Name  b Time ion Delay Zutoff Frequency Zutoff Frequency Vet Balance b Delay Ty Walance Parameter Name  Parameter Name  b Time ion Delay Zutoff  Parameter Name  b Time ion Delay Zutoff  Parameter Name  b Time ion Delay Lutoff  Parameter Name  b Time ion Delay Lutoff  Parameter Name  b Time ion Delay Lutoff  Parameter Name	+ + + + + + + + + + + + + + + + + + +	+ +	0 - 69 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 1 - 127 0 - 63 0 - 4 1 - 127 0 0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 - 63 0 - 52 34 - 60 0 - 63 0 - 52 34 - 60 0 - 63 0 - 52 34 - 60 0 - 63 0 - 7 0 - 63 0 - 69 0 - 10 0 - 63 0 - 63 0 - 69 0 - 10 0 - 63 0 - 63 0 - 69 0 - 6	Data Range    Display	Defa  15 10 47 5 36 0 0 0 0 40 40 60 8 64 0  Defa 19 10 16 7 54 0 0 0 0 0 0 40 11 10 16 7 51 10 0 0 0 0 40 2 2 2	0	See Table table#15 table#16  See Table table#16  See Table table#16  See Table table#15 table#16  See Table table#3 table#3 table#3 table#15 table#15 table#15 table#15 table#3 table#3 table#3 table#16	Control	Notes
STAGI	15 Feedba  1 Reverb 2 Diffusi 3 Initial 1 1 Reverb 1 Reverb 1 Reverb 1 Peedba 1 Reverb 1 Reverb 1 Peedba 1 Reverb	Parameter Name  b Time ion Delay Zutoff Frequency Zutoff Frequency Vet Balance b Delay Ty Parameter Name  Parameter Name  Parameter Name  b Time ion Delay Zutoff Zutoff  Parameter Name  b Time ion Delay Ty Y Balance Damp ack Level	+ + + + + + + + + + + + + + + + + + +	+ +	1 - 127 0  0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 - 63 0 - 4 1 - 127 1 - 10 1 - 127 0  0 - 69 0 - 10 0 - 63 0 - 52 34 - 60 0 - 10 0 - 63 0 - 52 34 - 60 0 0 0 1 - 127 0 - 63 0 - 63 0 - 63 0 - 69 0 - 10 1 - 127 0 - 10 1 - 127 0 - 10 1 - 127 0 - 10 1 - 127 0 - 10 1 - 127 0 - 10 1 - 127 0 - 10 1 - 127 0 - 10 1 - 127 0 - 10 1 - 127 0 - 63	Data Range    Display     Disp	Defa  Defa	0	See Table table#15 table#16 table#16 table#16 table#16  See Table table#16  See Table table#16  See Table table#3 table#15 table#3 table#16	Control	Notes

PLATE										
No.	Parameter Name	C	Option		Data Range	Defa	ault Data	See Table	Control	Notes
1	Reverb Time	R	V I	0 - 69	Display 0.3 ~ 30.0 [sec]	25	Display 2.8[sec]	table#4		
2	Diffusion		- +	0 - 10	0 ~ 10 0.1 ~ 99.3 [ms]	10	10	1-1-45		
4	Initial Delay HPF Cutoff		- +	0 - 63 0 - 52	Thru ~ 8.0[kHz]	6 8	9.5[ms] 50[Hz]	table#5 table#3		
5	LPF Cutoff		- +	34 - 60 0	1.0[kHz] ~ Thru	49 0	5.6[kHz]	table#3		
7	7 -			0	-	0	-			
8	3 -			0	-	0	-			
10	Dry/Wet Balance		- +	1 - 127	D63>W ~ D=W ~ D <w63< td=""><td>0 40</td><td>D24&gt;W</td><td>table#15</td><td></td><td></td></w63<>	0 40	D24>W	table#15		
11	Rev Delay	+	+ +	0 - 63	0.1 ~ 99.3 [ms]	2 3	3.2[ms]	table#5		
	Density Er/Rev Balance	+	+ +	0 - 4 1 - 127	0 ~ 4 E63>R ~ E=R ~ E <r63< td=""><td>64</td><td>2 E=R</td><td></td><td></td><td></td></r63<>	64	2 E=R			
14	High Damp Feedback Level	+	+ +	1 - 10 1 - 127	0.1 ~ 1.0 -63 ~ +63	5 64	0.5	table#16		
16			7 7	0	-03 - 103	0	+0	table#10		
RICH PLAT	TE.									
No.	Parameter Name	C	Option		Data Range	Defa	ault Data	See Table	Control	Notes
<u> </u>	Reverb Time	R	V I	0-69	Display  0.3 ~ 30.0 [sec]	23	Display 2.6[sec]	table#4		
2	Diffusion	+	+ +	0-10	0 ~ 10	10	10			
	Initial Delay HPF Cutoff	+	+ +	0-63 0-52	0.1 ~ 99.3 [ms] Thru ~ 8.0[kHz]	6 8	9.5[ms] 50[Hz]	table#5 table#3		
	LPF Cutoff	+	+ +	34-60	1.0[kHz] ~ Thru	49	5.6[kHz]	table#3		
7				0		0	-			
8	3 -			0	-	0	-			
10	Dry/Wet	+	+ +	0 1-127	- D63>W ~ D=W ~ D <w63< td=""><td>0 40</td><td>D24&gt;W</td><td></td><td></td><td></td></w63<>	0 40	D24>W			
11	-			0	-	0	-			
12 13				0	-	0	-			
14	Feedback High Damp	+	+ +	1-10	0.1 ~ 1.0	5	0.5			
15 16		$\perp$		0		0		<u></u>		
GM PLATE	<del>-</del>									
No.	Parameter Name		Option		Data Range	Defa	ult Data	See Table	Control	Notes
<u> </u>	Reverb Time	R	V I	0 - 69	Display  0.3 ~ 30.0 [sec]	13	Display 1.6[sec]	table#4		
2	Diffusion	+	+ +	0 - 10	0 ~ 10	10	10			
	Initial Delay HPF Cutoff Frequency	+	+ +	0 - 63 0 - 52	0.1 ~ 99.3 [ms] Thru ~ 8.0[kHz]	6 8	9.5[ms] 50[Hz]	table#5 table#3		
	LPF Cutoff Frequency	+	+ +	34 - 60	1.0[kHz] ~ Thru	49	5.6[kHz]	table#3		
6	5 - 7			0	-	0	-			
8	<u> </u>			0	-	0	-			
10	- Dry/Wet Balance	1	+ +	0 1 - 127	- D63>W ~ D=W ~ D <w63< td=""><td>0 40</td><td>D24&gt;W</td><td>table#15</td><td></td><td></td></w63<>	0 40	D24>W	table#15		
11	Reverb Delay	+	+ +	0 - 63	0.1 ~ 99.3 [ms]	2	3.2[ms]	table#5		
	Density Er/Rev Balance	+	+ +	0 - 4 1 - 127	0 ~ 4 E63>R ~ E=R ~ E <r63< td=""><td>3 64</td><td>3 E=R</td><td></td><td></td><td></td></r63<>	3 64	3 E=R			
14	Feedback High Damp	+	+ +	1 - 10	0.1 ~ 1.0	5	0.5			
15 16	Feedback Level	+	+ +	1 - 127 0	-63 ~ +63 -	64 0	0	table#16		
					•			•		
	n n									
DELAY L,0 No.	C,R Parameter Name	C	Option		Data Range	Defa	ault Data	See Table	Control	Notes
No.	Parameter Name	C	Option V I	1 - 16383(1 - 7150)	Display		Display	See Table	Control	Notes
No. 1	Parameter Name  Lch Delay  Rch Delay		Option V I - + - +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150)	Display 0.1 ~ 1638.3(0.1 ~ 715.0) [ms] 0.1 ~ 1638.3(0.1 ~ 715.0) [ms]	3333 1667	Display 333.3[ms] 166.7[ms]	See Table	Control	Notes
No.	Parameter Name  Leh Delay Reh Delay Ceh Delay		Option V I - + - + - +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150)	Display 0.1 ~ 1638.3(0.1 ~ 715.0) [ms] 0.1 ~ 1638.3(0.1 ~ 715.0) [ms]	3333 1667 5000	Display 333.3[ms] 166.7[ms] 500.0[ms]	See Table	Control	Notes
No.	Parameter Name  Lch Delay Rch Delay Cch Delay Feedback Delay Feedback Level		Option V I - + - + - + - + - +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127	Display  0.1 ~ 1638.3(0.1 ~ 715.0) [ms]	3333 1667 5000 5000 74	Display 333.3[ms] 166.7[ms] 500.0[ms] 500.0[ms] +10	table#16	Control	Notes
No.	Parameter Name  Lch Delay Rch Delay Cch Delay Feedback Delay Feedback Level Cch Level	C	Dption V I - + - + - + - + - + - + - + - + - + -	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 0 - 127	Display 0.1 - 1638.3(0.1 - 715.0) [ms] -63 - 463 0 - 127	3333 1667 5000 5000 74 100	Display 333.3[ms] 166.7[ms] 500.0[ms] 500.0[ms] +10 100		Control	Notes
No.	Parameter Name  Lch Delay Rch Delay Cch Delay Feedback Delay Feedback Level	C	Dption V I - + - + - + - + - + - +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 0 - 127 1 - 10 0	Display  0.1 ~ 1638.3(0.1 ~ 715.0) [ms]	3333 1667 5000 5000 74 100 10	Display 333.3[ms] 166.7[ms] 500.0[ms] 500.0[ms] +10	table#16	Control	Notes
No.	Parameter Name  Lch Delay  Rch Delay  Cch Delay  Feedback Delay  Feedback Level  Cch Level  High Damp	0	Dption V I - + - + - + - + - + - + - + - + - + -	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 0 - 127 1 - 10 0	Display 0.1 - 1638.3(0.1 - 715.0) [ms] -63 - +63 0 - 127 0.1 - 1.0	3333 1667 5000 5000 74 100 10 0	Display 333.3[ms] 166.7[ms] 500.0[ms] 500.0[ms] +10 100 1.0	table#16 table#18	Control	Notes
No.  1 2 3 4 5 6 7 8 9 10 11	Parameter Name  Lch Delay Rch Delay Cch Delay Feedback Delay Feedback Level Cch Level High Damp		Dption V I - + - + - + - + - + - + - + - +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 0 - 127 1 - 10 0 0 1 - 127 0	Display 0.1 - 1638.3(0.1 - 715.0) [ms] -63 - 463 0 - 127	3333 1667 5000 5000 74 100 10 0 0 32	Display 333.3[ms] 166.7[ms] 500.0[ms] 500.0[ms] +10 100	table#16	Control	Notes
No.  1 2 3 4 5 6 7 8 9 10 11 12	Parameter Name  Lch Delay Rch Delay Cch Delay Feedback Delay Feedback Level Cch Level High Damp		Dption V I	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 0 - 127 1 - 10 0 0 1 - 127	Display 0.1 - 1638.3(0.1 - 715.0) [ms] 0.3 - +63 0 - 127 0.1 - 1.0	3333 1667 5000 5000 74 100 10 0 0 32	Display 333.3[ms] 166.7[ms] 500.0[ms] 500.0[ms] +10 100 1.0 D32>W	table#16 table#18	Control	Notes
No.  1 2 3 4 5 6 7 8 9 10 11 12 13	Parameter Name  Lch Delay Rch Delay Cch Delay Feedback Delay Feedback Level Cch Level High Damp  . Dry/Wet Balance - EQ Low Frequency EQ Low Gain	C	Dption V I - + - + - + - + - + - + - + - + - + - +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 0 - 127 1 - 10 0 0 1 - 127 0 0 0 4 - 40 52 - 76	Display  0.1 ~ 1638.3(0.1 ~ 715.0) [ms]  0.3 ~ +63  0.4 ~ 127  0.1 ~ 1.0	3333 1667 5000 5000 74 100 10 0 32 0 0 28 64	Display 333.3[ms] 166.7[ms] 500.0[ms] 500.0[ms] +10 100 1.0 D32>W - 500[Hz] +0[dB]	table#16 table#18 table#15 table#3	Control	Notes
No.	Parameter Name  Lch Delay  Rch Delay  Cch Delay  Feedback Delay  Feedback Level  Cch Level  High Damp   Dry/Wet Balance  EQ Low Frequency	C	Dption V I - + - + - + - + - + - + - + - + - + - +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 0 - 127 1 - 10 0 0 1 - 127 0 0 4 - 40	Display 0.1 - 1638.3(0.1 - 715.0) [ms] 0.3 - +63 0 - 127 0.1 - 1.0	3333 1667 5000 5000 74 100 0 0 32 0 0 28	Display 333.3[ms] 166.7[ms] 500.0[ms] 500.0[ms] +10 100 D32>W 500[Hz]	table#16 table#18 table#15	Control	Notes
No.	Parameter Name Lch Delay Rch Delay Rch Delay Feedback Level Cch Level High Damp Level Leve	C	Dption V I - + - + - + - + + + + + + + + + + + + +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 0 - 127 1 - 10 0 1 - 127 0 0 1 - 127 0 0 4 - 40 52 - 76 28 - 58	Display 0.1 - 1638.3(0.1 - 715.0) [ms] -63 - 463 0 - 127 0.1 - 1.0 -127 0.1 - 1.0 -132 - 2.0k [Hz] -12 - +12 [dB] 500 - 160s [Hz]	3333 1667 5000 5000 74 100 0 0 32 0 0 28 64	Display 333.3[ms] 166.7[ms] 500.0[ms] +10 100 1.0 D32>W - 500[Hz] +0[dB] 4.0[kHz]	table#16 table#18 table#15 table#3	Control	Notes
No.	Parameter Name Lch Delay Rch Delay Rch Delay Feedback Level Cch Level High Damp Level Leve		V I - + - + - + - + - + - + - + - + - + - +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 0 - 127 1 - 10 0 1 - 127 0 0 1 - 127 0 0 4 - 40 52 - 76 28 - 58	Display  0.1 - 1638.3(0.1 - 715.0) [ms]  -63 - 463  0 - 127  0.1 - 1.0	3333 1667 5000 5000 704 100 10 0 0 32 0 0 28 64 46 64	Display 333.3[ms] 166.7[ms] 500.0[ms] 500.0[ms] +10 100 500[Hz] +0[dB] 4.0[kHz] +0[dB]	table#16 table#18 table#15 table#3	Control	Notes  Notes
No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  DELAY L, I	Parameter Name  Lch Delay  Rch Delay  Cch Delay  Feedback Delay  Feedback Level  Cch Level  High Damp  Dry/Wet Balance  EQ Low Frequency  EQ Low Gain  EQ High Frequency  EQ High Gain  Parameter Name		V I - + - + - + - + - + - + - + - + - + - +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 0 - 127 0 - 127 0 0 1 - 127 0 0 4 - 40 52 - 76 28 - 58 52 - 76	Display  0.1 ~ 1638.3(0.1 ~ 715.0) [ms] 0.3 ~ +63 0 ~ 127 0.1 ~ 1.0  D63-W ~ D=W ~ D <w63 +12="" -12="" 16.0k="" 2.0k="" 22="" 500="" [db]="" [hz]="" data="" display<="" range="" td="" ~=""><td>3333 1667 5000 5000 74 100 0 0 32 0 0 28 64 46 64</td><td>Display 333.3[ms] 166.7[ms] 500.0[ms] 500.0[ms] +10 1.0 1.0</td><td>table#16 table#18 table#15 table#3 table#3</td><td></td><td></td></w63>	3333 1667 5000 5000 74 100 0 0 32 0 0 28 64 46 64	Display 333.3[ms] 166.7[ms] 500.0[ms] 500.0[ms] +10 1.0 1.0	table#16 table#18 table#15 table#3 table#3		
No.  1 2 3 3 5 6 7 8 9 10 11 12 13 14 15 16  DELAY L,1 No.	Parameter Name  Lch Delay  Rch Delay  Cch Delay  Feedback Delay  Feedback Level  Cch Level  High Damp  Dry/Wet Balance  EQ Low Frequency  EQ Low Gain  EQ High Frequency  EQ High Gain  Parameter Name  Lch Delay  Rch Delay		V I - + - + - + - + - + - + - + - + - + - +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 0 - 127 1 - 10 0 0 1 - 127 0 0 4 - 40 52 - 76 28 - 58 52 - 76	Display	3333 1667 5000 5000 5000 74 100 0 0 32 0 0 0 28 64 46 64	Display 333.3[ms] 166.7[ms] 500.0[ms] 500.0[ms] 500.0[ms] +10 1.0	table#16 table#18 table#15 table#3 table#3		
No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  DELAY L,I No.  1 2 3 3	Parameter Name  Lch Delay Rch Delay Rch Delay Feedback Delay Feedback Level Cch Level High Damp  Dry/Wet Balance EQ Low Gain EQ High Gain  R  Parameter Name  Lch Delay		V I - + - + - + - + - + - + - + - + - + - +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 0 - 127 1 - 10 0 0 1 - 127 0 0 4 - 40 52 - 76 28 - 58 52 - 76	Display	3333 1667 5000 5000 5000 74 100 0 0 32 0 0 0 28 64 46 64	Display 333.3[ms] 166.7[ms] 500.0[ms] 500.0[ms] +10 100 1.0 500[Hz] +0[dB] 4.0[kHz] +0[dB] ault Data Display 250.0[ms]	table#16 table#18 table#15 table#3 table#3		
No.  1 2 3 4 5 5 7 8 9 10 11 12 13 14 15 16  DELAY L,I No.  1 2 3 4 5 5	Parameter Name  Lch Delay Rch Delay Cch Delay Feedback Delay Feedback Level Cch Level High Damp  Lch Delay Dry/Wet Balance Ley Low Gain EQ High Frequency EQ Low Gain EQ High Gain Rey High Frequency Rey High Freque		V I - + - + - + - + - + - + - + - + - + - +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 0 - 127 1 - 10 0 0 1 - 127 0 0 4 - 40 52 - 76 28 - 58 52 - 76 1 - 16383(1 - 7150) 1 - 16383(1 - 7150)	Display	3333 1667 5000 5000 74 100 0 0 32 0 0 28 64 46 64 2500 3750 3752 3750 87	Display 333.3[ms] 166.7[ms] 500.0[ms] 500.0[ms] 500.0[ms] 600.0[ms] 100 1.0 1.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	table#16 table#18 table#15 table#3 table#3		
No.  1 2 3 4 5 5 7 8 9 10 11 12 13 14 15 16  DELAY L,I No.  1 2 3 4 5 5	Parameter Name  Lch Delay Rch Delay Cch Delay Feedback Delay Feedback Level Cch Level High Damp		V I - + - + - + - + - + - + - + - + - + - +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 10 0 0 1 - 127 0 0 4 - 40 52 - 76 28 - 58 52 - 76  1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 15383(1 - 7150) 1 - 15383(1 - 7150) 0 0	Display	3333 1667 5000 5000 74 100 0 0 28 64 46 64 2500 3750 3752 3752 3752	Display 333.3(ms) 166.7(ms) 500.0(ms) 500.0(ms) 500.0(ms) +10 1.0 D32>W - 500[Hz] +0(dB] 4.0(kHz) +0(dB) 375.0(ms) 375.0(ms) 375.0(ms) 375.0(ms) 1.0 - 1.0	table#16 table#18 table#15 table#3 table#3		
No.  1 2 3 4 5 5 7 8 9 10 11 12 13 14 15 16  DELAY L,I No.  1 2 3 4 5 5	Parameter Name  Lch Delay Rch Delay Cch Delay Feedback Delay Feedback Level Cch Level High Damp  Lch Delay Dry/Wet Balance Ley Low Gain EQ High Frequency EQ Low Gain EQ High Gain Rey High Frequency Rey High Freque		V I - + - + - + - + - + - + - + - + - + - +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 1 - 10 0 0 1 - 127 0 0 4 - 40 52 - 76 28 - 58 52 - 76  1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 0 - 1 - 127 1 - 10 0 0	Display	3333 1667 5000 74 100 0 0 0 28 64 46 64 2500 3750 3750 3750 3750 87 10 0	Display 333.3[ms] 333.3[ms] 333.3[ms] 330.0[ms] 500.0[ms] 500.0[ms] 9100 1.0	table#16 table#18 table#15 table#3 table#3		
No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  DELAY L.I No.  1 5 6 7 8 9 10 0 11 12 13 14 15 16 0 11 15 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Parameter Name  Lch Delay Rch Delay Cch Delay Feedback Level Cch Level High Damp  Level Con Level High Damp  Level Con Level L		V I - + - + - + - + - + - + - + - + - + - +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 1 - 10 0 0 1 - 127 0 0 4 - 40 52 - 76 28 - 58 52 - 76  1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 1 - 10 0 0 0 1 - 127	Display	3333 1667 5000 74 100 0 0 0 28 64 46 64 2500 3750 3750 3750 3750 87 10 0 0 32	Display 333 Jims 166.7 Jims 500.0 [ims] 500.0 [ims] 500.0 [ims] 500.0 [ims] 100 1.0 500 [hz] 40 [dB] 4.0 [kHz] 40 [dB] 375.0 [ms] 375.0 [ms] 375.0 [ms] 375.0 [ms]	table#16 table#18 table#15 table#3 table#3		
No.  1 2 3 4 5 6 7 8 9 10 111 12 13 14 15 16 DELAY L.I No.  1 2 3 4 5 6 7 8 9 8 9 9 1 8 9 9 1 1 1 1 1 1 1 1 1 1 1	Parameter Name  Lch Delay  Rch Delay  Cch Delay  Feedback Level  Cch Level  High Damp  Level		V I - + - + - + - + - + - + - + - + - + - +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 0 - 127 1 - 10 0 0 - 1 - 127 0 0 4 - 40 52 - 76 28 - 58 52 - 76  1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 1 - 10 0 0 0 1 - 127 0 0	Display	3333 1667 5000 5000 74 100 0 0 32 0 0 28 64 46 64 2500 3752 3750 87 10 0 0 32 250 3752 3750 87 10 0	Display 333.3[ms] 166.7[ms] 500.0[ms] 500.0[ms] 500.0[ms] +10 1.0 D32>W - 500[Hz] +0[dB] 4.0[kHz] +0[dB] 250.0[ms] 375.0[ms] 375.0[ms] 375.0[ms]	table#16 table#18 table#15 table#3 table#3 Lable#3		
No.  1 2 3 4 5 6 7 8 8 9 10 11 12 13 14 15 16  DELAY L.I No.  1 2 3 3 6 7 8 8 9 10 11 12 13 14 15 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Parameter Name  Lch Delay  Rch Delay  Cch Delay  Feedback Level  Cch Level  High Damp  Level		V I - + - + - + - + - + - + - + - + - + - +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 10 0 0 1 - 127 0 0 4 - 40 52 - 76 28 - 58 52 - 76  1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 1 - 10 0 0 0 0 1 - 127 0 0 0 0 4 - 40	Display	3333 1667 5000 5000 74 100 0 0 32 0 0 28 64 46 64 2500 3750 3750 3750 877 10 0 0 32 0 0 0 28	Display 333.3(ms) 166.7(ms) 500.0(ms) +10 100 1.0	table#16 table#18 table#15 table#3 table#3 Lable#3		
No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  DELAY L.I No.  1 2 3 3 6 7 8 9 10 11 12 13 14 15 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Parameter Name  Lch Delay  Rch Delay  Cch Delay  Feedback Level  Cch Level  High Damp  Level  Level  EQ Low Frequency  EQ Low Gain  EQ High Frequency  EQ High Gain  Parameter Name  Lch Delay  Rch Delay  Feedback Delay 1  Feedback Delay 2  Feedback Level  High Damp  Lch Delay  Feedback Level  Feedback Level  High Damp  Lch Delay  Feedback Delay 1  Feedback Delay 2  Feedback Level  High Damp  Level Delay  Feedback Level  High Damp		V I - + - + - + - + - + - + - + - + - + - +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 0 - 127 1 - 10 0 0 - 1 - 127 0 0 - 4 - 40 52 - 76 28 - 58 52 - 76  1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 1 - 10 0 0 0 - 1 - 127 0 0 0 - 0 1 - 127 0 0 - 0 28 - 58	Display	3333 1667 5000 5000 74 100 0 0 32 0 0 28 64 46 64 2500 3750 3752 3750 0 0 0 32 0 0 28 64 64 46 64	Display 333.3(ms) 166.7(ms) 500.0(ms) +10 100 1.0	table#16 table#15 table#3 table#3 table#3 table#3 table#3		
No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  DELAY L.I No.  1 2 3 3 6 7 8 9 10 11 12 13 14 15 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Parameter Name  Lch Delay Rch Delay Cch Delay Feedback Level Cch Level High Damp  Dry/Wet Balance  EQ Low Frequency EQ High Frequency EQ High Frequency EQ High Gain  Parameter Name  Lch Delay Rch Delay Feedback Delay 1 Feedback Delay 2 Feedback Level High Damp  Lch Delay Rch Delay Feedback Level High Damp  Lch Delay Feedback Level High Damp  Lch Delay Feedback Level		V I - + - + - + - + - + - + - + - + - + - +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 1 - 10 0 0 1 - 127 0 0 4 - 40 52 - 76 28 - 58 52 - 76  1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 1 - 10 0 0 4 - 40 52 - 76	Display   Disp	3333 1667 5000 5000 74 100 0 0 0 28 64 46 64 2500 3750 3750 3750 3750 3750 0 0 0 0 0 0 2 8 6 6 6 6 6 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9	Display  Display  333 Jims  166.7 [ms]  500.0 [ms]  500.0 [ms]  500.0 [ms]  100  1.0	table#16 table#15 table#3 table#3  See Table table#16 table#16		
No.  1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 6  DELAY L,I No.  1 2 3 4 4 5 6 7 7 8 9 10 11 12 13 14 15 16  DELAY L,I No.	Parameter Name Lch Delay Rch Delay Rch Delay Rch Delay Feedback Delay Feedback Level Cch Level High Damp Level Lev	C	V 1 - + - + - + - + - + - + - + - + - + - +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 0 - 127 1 - 10 0 0 - 1 - 127 0 0 - 4 - 40 52 - 76 28 - 58 52 - 76  1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 1 - 10 0 0 0 - 1 - 127 0 0 0 - 0 1 - 127 0 0 - 0 28 - 58	Display   Display   Display   Display   Display   Display   Di   1- 1638.3(0.1 - 715.0) [ms]   Di   1- 1.0   Display   Displ	3333 1667 5000 5000 74 100 0 0 32 0 28 64 46 64  2500 3750 3752 3750 0 0 0 32 0 0 0 46 64 64 66 66	Display Display 333 Jims 166.7 [ms] 500.0 [ms] 500.0 [ms] 500.0 [ms] +10 100 1.0	table#16 table#15 table#3 table#3 table#3 table#3 table#3 table#16 table#16 table#15	Control	Notes
No.  1 2 3 4 5 6 7 8 9 10 111 12 13 14 15 16  DELAY L,I No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 11 12 13 14 15 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Parameter Name  Lch Delay  Rch Delay  Cch Delay  Feedback Level  Cch Level  High Damp  Level  Level  EQ Low Frequency  EQ Low Gain  EQ High Frequency  EQ High Gain  Parameter Name  Lch Delay  Rch Delay  Feedback Delay 1  Feedback Delay 2  Feedback Level  High Damp  Lch Delay  Feedback Level  Feedback Level  High Damp  Lch Delay  Feedback Delay 1  Feedback Delay 2  Feedback Level  High Damp  Level Delay  Feedback Level  High Damp	C	V I + + + + + + + + + + + + + + + + +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 0 - 127 1 - 10 0 0 - 1 - 127 0 0 - 4 - 40 52 - 76 28 - 58 52 - 76  1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 1 - 10 0 0 0 - 1 - 127 0 0 0 - 0 1 - 127 0 0 - 0 28 - 58	Display   Display   Display   Display   Di   1638.3(0.1 - 715.0) [ms]   Di   1638.3(0.1 - 71	3333 1667 5000 5000 74 100 0 0 32 0 28 64 46 64  2500 3750 3752 3750 0 0 0 32 0 0 0 46 64 64 66 66	Display   333.3   ms   166 7   ms   500.0   ms   100 0	table#16 table#15 table#3 table#3  See Table table#16 table#16		
No.  1 2 3 4 4 5 6 6 7 8 8 9 100 111 121 131 144 155 6 6 7 7 8 8 9 9 100 111 121 131 144 155 6 6 7 7 8 8 9 100 111 121 131 144 151 16 16 16 16 16 16 16 16 16 16 16 16 16	Parameter Name  Lch Delay Rch Delay Cch Delay Feedback Level Cch Level High Damp  Dry/Wet Balance  EQ Low Frequency EQ High Gain  Parameter Name  Lch Delay Red Delay Feedback Level  Low Gain EQ High Frequency EQ High Gain  Parameter Name  Lch Delay Rch Delay Feedback Delay 1 Feedback Delay 2 Feedback Level High Damp  Dry/Wet Balance  EQ Low Frequency EQ High Gain  Dry/Wet Balance  EQ Low Frequency EQ High Gain  Parameter Name  Lch Delay  Parameter Name	C	V I + + + + + + + + + + + + + + + + +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 0 - 127 0 - 127 0 - 127 0 - 0 0 - 0 1 - 127 0 0 4 - 40 52 - 76 28 - 58 52 - 76  1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 1 - 10 0 0 0 1 - 127 0 0 0 4 - 40 52 - 76 28 - 58 52 - 76	Display   Display   Display   Display   Di   1638.3(0.1 - 715.0) [ms]   Di   1638.3(0.1 - 71	3333 1667 5000 5000 5000 5000 10 0 0 32 0 28 64 46 64  Defa  2500 3750 3752 3750 0 0 0 28 64 66 64	Display  Display  333.3[ms]  166 7[ms] 500.0[ms] 500.0[ms] +10 100 1.0	table#16 table#15 table#3 table#3 See Table table#16 table#16 table#16 table#18	Control	Notes
No.  1 2 3 4 5 6 7 8 8 9 10 11 12 13 14 15 16  DELAY L,I No.  1 1 2 3 4 5 6 7 8 9 10 11 11 12 13 14 15 ECHO No.	Parameter Name  Leh Delay Rch Delay Rch Delay Rch Delay Feedback Delay Feedback Level Cch Level High Damp  Dry/Wet Balance EQ Low Gain EQ High Gain  Parameter Name  Leh Delay Feedback Delay Feedback Delay 1 Feedback Delay 1 Feedback Delay Feedback Delay If Feedback Delay EQ Low Gain EQ High Gain  Parameter Name  Lch Delay Feedback Delay 1 Feedback Delay 1 Feedback Delay 2 Feedback Delay 2 Feedback Delay 1 Feedback Level High Damp  Dry/Wet Balance EQ Low Frequency EQ Low Gain EQ High Frequency EQ High Gain  Parameter Name  Lch Delay 1 Lch Feedback Level	C	V I + + + + + + + + + + + + + + + + +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 10 0 0 1 - 127 0 0 4 - 40 52 - 76 28 - 58 52 - 76  1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 0 0 0 1 - 127 1 - 10 0 0 1 - 127 1 - 10 1 - 1	Display   Display   Display   Display   Di   1638.30.1 - 715.0   Ims   Di - 127   Di - 128   D	3333 1667 5000 5000 74 100 0 0 32 0 0 28 64 46 64  2500 3750 3752 3750 87 10 0 0 28 64 64 66  Defi	Display Display 333.3[ms] 166.7[ms] 500.0[ms] 500.0[ms] 500.0[ms] +10 1.0	table#16 table#15 table#3 table#3 table#3 table#3 table#3 table#16 table#16 table#15	Control	Notes
No.  1 2 3 4 5 6 7 8 8 9 10 11 12 13 14 15 16  DELAY L,I No.  1 2 3 4 4 5 6 6 7 8 8 9 10 11 12 13 14 15 16  DELAY L,I No.  1 2 3 4 4 5 6 6 7 7 8 8 9 10 11 12 13 14 15 16  ECHO No.	Parameter Name  Leh Delay Rch Delay Rch Delay Rch Delay Feedback Delay Feedback Level Cch Level High Damp  Ley Low Gain EQ High Gain  Parameter Name  Leh Delay Red Delay Feedback Delay Feedback Delay Parameter Name  Leh Delay Rch Delay Feedback Delay 1 Feedback Delay 2 Feedback Delay 2 Feedback Delay Ley Ley Ley Ley Ley Ley Ley Ley Ley Le	C	V I + + + + + + + + + + + + + + + + +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 0 - 127 1 - 10 0 0 - 1 - 127 0 0 - 127 1 - 10 0 0 - 4 - 40 52 - 76 28 - 58 52 - 76  1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 1 - 10 0 0 0 - 1 - 127 0 - 0 0 - 0 1 - 127 0 - 0 0 - 1 - 127 1 - 16383(1 - 7150) 1 - 127 1 - 16383(1 - 7150) 1 - 127 1 - 16383(1 - 7150) 1 - 127 1 - 16383(1 - 7150) 1 - 127 1 - 16383(1 - 7150) 1 - 127 1 - 16383(1 - 7150) 1 - 127 1 - 16383(1 - 7150) 1 - 127 1 - 16383(1 - 7150) 1 - 127 1 - 16383(1 - 7150) 1 - 127 1 - 16383(1 - 7150) 1 - 127 1 - 16383(1 - 7150) 1 - 127 1 - 16383(1 - 7150)	Display	3333 1667 5000 5000 74 100 0 0 32 0 0 28 64 46 64  2500 3752 3752 3752 3752 3752 0 0 0 28 64 64 64 1700 0 0 28 64 66 1700 80	Display   333.3   ms   166.7   ms   500.0   ms   500.0   ms   500.0   ms   +10   100   .	table#16 table#15 table#3 table#3 See Table table#16 table#16 table#16 table#18	Control	Notes
No.  1 2 3 4 4 5 6 6 7 8 8 9 100 111 121 131 144 155 6 6 7 7 8 8 9 9 100 111 121 131 144 155 6 6 7 7 8 8 9 100 111 121 131 144 155 16 16 16 16 16 16 16 16 16 16 16 16 16	Parameter Name  Lch Delay Rch Delay Cch Delay Feedback Level Cch Level High Damp  Dry/Wet Balance  EQ Low Frequency EQ High Gain  Parameter Name  Lch Delay Red Delay Feedback Level  Low Gain EQ High Frequency EQ High Gain  Parameter Name  Lch Delay Rch Delay Feedback Delay 1 Feedback Level High Damp  Low Frequency EQ Low Frequency EQ High Gain  Parameter Name  Lch Delay Peedback Delay 2 Feedback Level High Damp  Parameter Name  Lch Delay Low Frequency EQ Low Frequency EQ Low Frequency EQ Low Frequency EQ Low Gain EQ High Frequency EQ High Gain  Parameter Name  Lch Delay1 Lch Feedback Level High Damp  Parameter Name	C	V I + + + + + + + + + + + + + + + + +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 0 - 127 0 - 127 0 - 127 0 - 0 0 - 0 1 - 127 0 0 4 - 40 52 - 76 28 - 58 52 - 76  1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 1 - 10 0 0 0 1 - 127 0 0 0 4 - 40 52 - 76 28 - 58 52 - 76	Display	3333 1667 5000 5000 5000 5000 10 0 0 32 0 28 64 46 64  Defa  2500 3750 3752 3750 0 0 0 28 64 66 61  Defa  1700 80	Display Display 333.3[ms] 166 7[ms] 500.0[ms] 500.0[ms] +10 100 1.0	table#16 table#15 table#3 table#3 See Table table#16 table#16 table#3 table#3 table#3	Control	Notes
No.  1 2 3 4 4 5 6 6 7 7 8 8 9 9 10 11 12 13 14 15 16 16 17 12 13 14 15 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Parameter Name  Lch Delay Rch Delay Feedback Delay Feedback Level Cch Level High Damp  Dry/Wet Balance  EQ Low Frequency EQ High Frequency EQ High Frequency EQ High Frequency EQ High Gain  Parameter Name  Lch Delay Rch Delay Feedback Level High Damp  Lch Delay Feedback Delay 1 Feedback Delay 2 Feedback Level High Damp  Parameter Name  Lch Delay Lch Feedback Level Lch Delay Lch Delay Rch Delay	C	V I + + + + + + + + + + + + + + + + +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 0 - 127 1 - 10 0 0 1 - 127 0 0 4 - 40 52 - 76 28 - 58 52 - 76  1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 0 - 0 0 - 1 - 127 1 - 10 0 0 0 1 - 127 1 - 10 0 0 1 - 127 1 - 10 1 - 16383(1 - 3550) 1 - 127 1 - 10 1 - 16383(1 - 3550) 1 - 127 1 - 16383(1 - 3550) 1 - 127 1 - 16383(1 - 3550) 1 - 127 1 - 16383(1 - 3550) 1 - 127 1 - 16383(1 - 3550) 1 - 16383(1 - 3550) 1 - 16383(1 - 3550) 1 - 16383(1 - 3550) 1 - 16383(1 - 3550) 1 - 16383(1 - 3550) 1 - 16383(1 - 3550) 1 - 16383(1 - 3550) 1 - 16383(1 - 3550)	Display	3333 1667 5000 5000 74 100 0 0 32 0 28 64 46 64 2500 3750 3752 3750 0 0 0 32 0 0 0 100 0 0 100 0 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0 100	Display 333 Jims 166.7 [ms] 500.0 [ms] 500.0 [ms] 500.0 [ms] 500.0 [ms] 100 1.0	table#16 table#15 table#3 table#3  See Table table#16 table#16 table#3 table#3 table#3	Control	Notes
No.  1 2 3 4 4 5 6 6 7 8 8 9 10 111 121 131 144 155 6 7 7 8 9 10 111 122 131 144 155 6 6 7 7 8 8 9 9 10 111 122 131 144 155 6 6 7 7 8 8 9 9 10 11 12 13 144 15 15 15 15 15 15 15 15 15 15 15 15 15	Parameter Name  Lch Delay Rch Delay Cch Delay Feedhack Delay Feedhack Level Cch Level High Damp  L Dry/Wet Balance L EQ Low Gain EQ High Gain  R Parameter Name  Lch Delay Feedback Delay 1 Feedback Delay 2 Feedback Delay 1 Feedback Level High Damp  Lch Delay 1 Lch Delay 2 Lch Delay 3 Lch Delay 4 Lch Delay 3 Lch Delay 4 Lch Del	C	V I + + + + + + + + + + + + + + + + +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 0 - 127 1 - 10 0 0 - 1 - 127 0 - 127 1 - 10 0 - 0 4 - 40 52 - 76 28 - 58 52 - 76  1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 1 - 10 0 - 0 0 - 1 - 127 0 - 0 0 - 1 - 127 0 - 0 0 - 1 - 127 1 - 16383(1 - 3550) 1 - 127 1 - 16383(1 - 3550) 1 - 127 1 - 16383(1 - 3550) 1 - 127 1 - 16383(1 - 3550) 1 - 127 1 - 16383(1 - 3550) 1 - 127 1 - 16383(1 - 3550) 1 - 127 1 - 16383(1 - 3550) 1 - 127 1 - 16383(1 - 3550)	Display	3333 1667 5000 5000 5000 5000 10 0 0 32 0 0 28 64 46 64  Defc 2500 3750 3752 3750 0 0 0 32 2 2 1700 80 1780 80 1700 1780 0 0 0 1780 0 0 0	Display   Display   333.3[ms]   166.7[ms]   500.0[ms]   100   1.00   1	table#16 table#15 table#3 table#3 See Table table#16 table#16 table#3 table#3 table#3	Control	Notes
No.  1 2 3 4 4 5 6 6 7 8 8 9 10 11 12 13 14 14 15 16 12 13 14 15 16 15 16 16 17 12 13 14 15 16 16 17 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Parameter Name  Lch Delay Rch Delay Cch Delay Feedback Level Cch Level High Damp  Leb Delay EQ Low Frequency EQ Low Gain EQ High Frequency EQ High Gain  Parameter Name  Lch Delay Rch Delay Feedback Delay 1 Feedback Delay 2 Feedback Delay 2 Feedback Delay 2 Feedback Level High Damp  Lch Delay Rch Delay Lch Delay Rch Delay Rch Delay Lch Delay Rch	C	V I + + + + + + + + + + + + + + + + +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 100 0 0 1 - 127 0 0 0 4 - 40 52 - 76 28 - 58 52 - 76  1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 1 - 10 0 0 0 1 - 127 0 0 0 1 - 127 1 - 16383(1 - 3550) 1 - 16383(1 - 3550) 1 - 127 1 - 16383(1 - 3550) 1 - 127 1 - 16383(1 - 3550) 1 - 127 1 - 16383(1 - 3550) 1 - 127 1 - 16383(1 - 3550) 1 - 127 0 0 1 - 16383(1 - 3550) 1 - 127 0 0 1 - 16383(1 - 3550) 0 - 127 0 0 1 - 127	Display	3333 1667 5000 5000 74 100 0 0 32 0 0 28 64 46 64 2500 3750 3750 3750 3750 0 0 28 64 46 64 1700 0 0 1780 80 1780 0 0 1780 0 0 1780 0 0 1780 0 0 0 1780 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display 333 Jims 166.7 [ms] 500.0 [ms] 500.0 [ms] 500.0 [ms] 500.0 [ms] 100 1.0	table#16 table#15 table#3 table#3  See Table table#16 table#16 table#3 table#3 table#3	Control	Notes
No.  1 2 3 4 4 5 6 6 7 8 8 9 10 11 12 13 14 14 15 16 16 17 12 13 14 15 16 16 17 12 13 14 15 16 16 17 12 13 14 15 16 16 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Parameter Name  Lch Delay Rch Delay Cch Delay Feedback Level Cch Level High Damp  Dry/Wet Balance  EQ Low Frequency EQ High Frequency EQ High Frequency EQ High Gain  Parameter Name  Lch Delay Rch Delay Feedback Delay 1 Feedback Delay 2 Feedback Delay 2 Feedback Level High Damp  Dry/Wet Balance  EQ Low Gain  Parameter Name  Lch Delay Rch Delay Feedback Delay 1 Feedback Delay 2 Feedback Evel High Damp  Lch Feedback Level High Gain  Parameter Name  Lch Delay Lch Feedback Level High Damp Lch Delay1 Rch Feedback Level High Damp Lch Delay2 Rch Delay2 Rch Delay2 Rch Delay2 Delay2 Level  Dry/Wet Balance	C	V I + + + + + + + + + + + + + + + + +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 0 - 127 1 - 10 0 0 4 - 40 52 - 76 28 - 58 52 - 76  1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 1 - 10 0 0 1 - 127 0 0 0 1 - 127 0 1 - 16383(1 - 3150) 1 - 1383(1 - 3150) 1 - 1383(1 - 3150) 1 - 1383(1 - 3150) 1 - 127 1 - 16383(1 - 3150) 1 - 127 1 - 16383(1 - 3150) 1 - 127 1 - 16383(1 - 3550) 1 - 127 0 - 1 - 16383(1 - 3550) 1 - 127 0 - 1 - 16383(1 - 3550) 1 - 127 0 - 1 - 16383(1 - 3550) 0 - 127 0 - 1 - 16383(1 - 3550) 0 - 127 0 - 0 0 - 0 0 - 1 - 127 0 - 0 0 - 0 0 - 0 0 - 1 - 127 0 - 0 0 - 0 0 - 0 0 - 0 0 - 1 - 127 0 - 0 0 - 0 0 - 0 0 - 1 - 127 0 - 0 0 - 0 0 - 0 0 - 0 0 - 0 0 - 0 0 - 1 - 127 0 - 0 0 -	Display   Display   Display   Display   Di   1638.3(0.1 ~ 715.0) [ms]   Di - 127   Di - 127   Di - 128   Display   Display   Display   Display   Display   Di - 1638.3(0.1 ~ 715.0) [ms]   Di - 1638.3(0.1 ~ 355.0) [ms]   D	3333 1667 5000 5000 5000 100 0 0 32 0 0 28 64 46 64 2500 3750 3752 3750 0 0 0 28 64 64 64 1700 0 0 1780 0 0 1780 0 1780 0 0 0 1780 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display   Display   333.3 ms   166.7 ms   500.0[ms   +10   100   1.0       100   1.0       100   1.0       100   1.0       100   1.0       100   1.0       100   1.0       100   1.0       100   1.0       100   1.0       100   1.0       100   1.0       100   1.0       100   1.0       100   1.0       100       100       100     1	table#16 table#15 table#3 table#3 Lable#16 table#16 table#16 table#16 table#16 table#18 table#18 table#18	Control	Notes
No.  1 2 3 4 4 5 6 6 7 8 8 9 10 11 12 13 14 15 16 16 17 12 13 14 15 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Parameter Name  Lch Delay Rch Delay Cch Delay Feedback Level Cch Level High Damp  Dry/Wet Balance  EQ Low Frequency EQ High Frequency EQ High Frequency EQ High Gain  Parameter Name  Lch Delay Rch Delay Feedback Delay 1 Feedback Delay 1 Feedback Level High Damp  Lch Delay Rch Delay Feedback Delay 1 Feedback Delay 2 Feedback Level High Bamp  Parameter Name  Lch Delay Lch Feedback Level High Bamp  Lch Delay Rch	C	V 1 - + + + + + + + + + + + + + + + + + + +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 100	Display	3333 1667 5000 5000 74 100 0 0 32 0 28 64 46 46 2500 3750 3752 3752 3750 0 0 0 28 64 46 64  Defi  1700 80 1780 80 1780 0 1780 0 0 1780 0 0 0 1780 0 0 0 1780 0 0 0 1780 0 0 0 1780 0 0 0 1780 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display Displa	table#16 table#15 table#3 table#3  See Table table#16 table#16 table#16 table#16 table#16 table#16 table#16	Control	Notes
No.  1 2 3 4 4 5 6 6 7 8 8 9 10 11 12 13 14 15 16 15 16 17 18 15 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Parameter Name  Lch Delay Rch Delay Cch Delay Feedback Level Cch Level High Damp  Dry/Wet Balance  EQ Low Frequency EQ High Frequency EQ High Frequency EQ High Gain  Parameter Name  Lch Delay Rch Delay Feedback Delay 1 Feedback Delay 1 Feedback Level High Damp  Lch Delay Red Delay Feedback Level High Gain  Parameter Name  Lch Delay Feedback Level High Gain  Parameter Name  Lch Delay Feedback Level High Bamp  Lch Delay Rch Peedback Level High Damp  Lch Delay Rch Feedback Level High Damp  Lch Delay Rch Peedback Level High Perquency EQ Low Gain EQ Low Frequency EQ High Frequency	C	V I + + + + + + + + + + + + + + + + +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 10 0 0 1 - 127 0 0 0 4 - 40 52 - 76 28 - 58 52 - 76  1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 1 - 10 0 0 0 1 - 127 1 - 10 0 1 - 127 1 - 10 0 1 - 127 1 - 10 0 1 - 127 1 - 16383(1 - 3550) 1 - 16383(1 - 3550) 1 - 127 1 - 10 1 - 16383(1 - 3550) 1 - 127 1 - 10 1 - 16383(1 - 3550) 1 - 127 1 - 10 1 - 16383(1 - 3550) 1 - 127 1 - 10 1 - 16383(1 - 3550) 1 - 127 1 - 10 1 - 16383(1 - 3550) 1 - 127 1 - 10 0 0 1 - 127 0 0 0 0 4 - 40 52 - 76 28 - 58	Display	3333 1667 5000 5000 74 100 0 0 32 0 28 64 46 2500 3750 3752 3752 3750 0 0 0 28 64 46 64  Defc  1700 80 1700 1780 0 0 1780 0 0 0 28 64 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display   Display   333 Jims   166.7 [ms]   500.0 [ms]   500.0 [ms]   500.0 [ms]   +10   100	table#16 table#15 table#3 table#3 Lable#16 table#16 table#16 table#16 table#16 table#18 table#18 table#18	Control	Notes
No.  1 2 3 4 4 5 6 6 7 8 8 9 10 11 12 13 14 15 16 15 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Parameter Name  Lch Delay Rch Delay Cch Delay Feedback Level Cch Level High Damp  Dry/Wet Balance  EQ Low Frequency EQ High Frequency EQ High Frequency EQ High Gain  Parameter Name  Lch Delay Rch Delay Feedback Delay 1 Feedback Delay 2 Feedback Delay 2 Feedback Level High Damp  Dry/Wet Balance  EQ Low Frequency EQ High Gain  Parameter Name  Lch Delay Rch Delay 1 Feedback Delay 2 Feedback Level High Damp  Dry/Wet Balance  EQ Low Gain  Parameter Name  Lch Delay Lch Feedback Level High Gain	C	V 1 - + + + + + + + + + + + + + + + + + + +	1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 0 - 127 1 - 10 0 0 1 - 127 0 0 4 - 40 52 - 76 28 - 58 52 - 76  1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 16383(1 - 7150) 1 - 127 1 - 10 0 0 1 - 127 0 0 1 - 127 1 - 10 1 - 127 1 - 10 1 - 127 1 - 10 1 - 127 1 - 10 1 - 127 1 - 10 1 - 1383(1 - 3550) 1 - 127 1 - 16383(1 - 3550) 1 - 127 1 - 16383(1 - 3550) 1 - 127 0 - 127 0 - 127 0 - 127 0 - 14 - 40 52 - 76	Display	3333 1667 5000 5000 5000 100 0 0 32 0 0 28 64 46 64 2500 3750 3752 3750 0 0 0 28 64 64 64 1700 80 1780 1780 1780 0 0 0 0 0 28 64 64 64 66 1700 0 0 0 1780 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display   333 Jims   166 7 Ims   500.0 [ms   +10   100   1.0   .	table#16 table#15 table#3 table#3  See Table table#16 table#16 table#16 table#16 table#16 table#16 table#16 table#16 table#16 table#17	Control	Notes

No.	LAY Parameter Name	Option		Data Range	Defa	ult Data	See Table	Control	Notes
1	L->R Delay	V I	1 - 16383(1 - 3550)	Display [0.1 ~ 1638.3(0.1 ~ 355.0) [ms]	1700	Display 170.0[Hz]			
2	R->L Delay Feedback Level	- +	1 - 16383(1 - 3550) 1 - 127	0.1 ~ 1638.3(0.1 ~ 355.0) [ms] -63 ~ +63	1750 111	175.0[Hz] +47	table#16		
4	Input Select	- +	0 - 2 1 - 10	L,R,L&R 0.1 ~ 1.0	1 10	R 1.0	tuoie#10		
6	High Damp -	- +	0	0.1 ~ 1.0	0	1.0			
7 8	-		0	-	0	-			
9	- Dry/Wet Balance		0 1 - 127	- D63>W ~ D=W ~ D <w63< td=""><td>0 32</td><td>D32&gt;W</td><td>table#15</td><td></td><td></td></w63<>	0 32	D32>W	table#15		
11	-		0	-	0	-	table#15		
	EQ Low Frequency	+ +	0 4 - 40	32 ~ 2.0k [Hz]	0 28	500[Hz]	table#3		
14 15	EQ Low Gain EQ High Frequency	+ +	52 - 76 28 - 58	-12 ~ +12 [dB] 500 ~ 16.0k [Hz]	64 46	+0[dB] 4.0[kHz]	table#3		
16	EQ High Gain	+ +	52 - 76	-12 ~ +12 [dB]	64	+0[dB]			
EARLY RE	F 1 Parameter Name	Option		Data Range	Dofo	ult Data	See Table	Control	Notes
		V I		Display		Display	See Table	Control	Notes
2	Type Room Size	- +	0 - 5 0 - 44	S-H,L-H,Rdm,Rvs,Plt,Spr 0.1 ~ 7.0	0 19	S-H 3.1	table#6		
3	Diffusion Initial Delay	- +	0 - 10 0 - 127(0 - 63)	0 ~ 10 0.1 ~ 200.0(0.1 ~ 99.3) [ms]	5 16	5 25.3[ms]	table#5		
5	Feedback Level HPF Cutoff	- +	1 - 127 0 - 52	-63 ~ +63 Thru ~ 8.0[kHz]	64	+0 Thru	table#16 table#3		
	LPF Cutoff	- +	34 - 60	1.0[kHz] ~ Thru	46	4.0[kHz]	table#3		
9	- -		0	-	0	-			
	Dry/Wet Balance Liveness	- +	1 - 127 0 - 10	D63>W ~ D=W ~ D <w63 0 ~ 10</w63 	32 5	D32>W 5	table#15		
	Density High Damp	+ +	0 - 3 1 - 10	0 ~ 3 0.1 ~ 1.0	0 10	0 1.0			
14	-		0	-	0	-			
15 16			0 0	-	0	-			
EARLY RE									
No.	Parameter Name	Option V I		Data Range Display		ult Data Display	See Table	Control	Notes
	Type Room Size	- +	0 - 5 0 - 44	S-H,L-H,Rdm,Rvs,Plt,Spr 0.1 ~ 7.0	7	Rdm 1.2	table#6		
3	Diffusion	- +	0 - 10	0 ~ 10 0.1 ~ 200.0(0.1 ~ 99.3) [ms]	10	10			
5	Initial Delay Feedback Level	- +	0 - 127(0 - 63) 1 - 127	-63 ~ +63	16 64	25.3[ms] +0	table#5 table#16		
	HPF Cutoff LPF Cutoff	- +	0 - 52 34 - 60	Thru ~ 8.0[kHz] 1.0[kHz] ~ Thru	3 46	28[Hz] 4.0[kHz]	table#3 table#3		
8	-		0		0	- 1			
10	Dry/Wet Balance Liveness	- +	1 - 127 0 - 10	D63>W ~ D=W ~ D <w63 0 ~ 10</w63 	32 5	D32>W 5	table#15		
12	Density	+ +	0 - 3	0 ~ 3	2	2			
13 14	High Damp	+ +	1 - 10 0	0.1 ~ 1.0	10 0	1.0			
15 16			0	-	0	-			
	-		0	-	0	-			
			0	-	0	-			
GATE REV		Option V I	0	Data Range Display		ult Data	See Table	Control	Notes
GATE REV No.	ERB Parameter Name	Option V I	0 - 1	Display TypeA,TypeB	Defa 0	Display TypeA		Control	Notes
GATE REV No.	Parameter Name Type Room Size Diffusion	Option   V I   - + - + - + + - + +	0 - 1 0 - 44 0 - 10	Display  TypeA,TypeB 0.1 ~ 7.0 0 ~ 10	Defa 0 15 6	Display TypeA 2.5 6	table#6	Control	Notes
GATE REV No.	Parameter Name Type Room Size Diffusion Initial Delay Feedback Level	Option V I	0 - 1 0 - 44 0 - 10 0 - 127(0 - 63) 1 - 127	Display TypeA,TypeB 0.1 ~ 7.0 0 ~ 10 0.1 ~ 200.0(0.1 ~ 99.3) [ms] -63 ~ +63	Defa 0 15 6 2 64	TypeA 2.5 6 3.2 +0	table#6 table#5 table#16	Control	Notes
GATE REV No.	ERB Parameter Name  Type Room Size Diffusion Initial Delay	Option V I - + - + - + - + - + - + - + - + - + -	0 - 1 0 - 44 0 - 10 0 - 127(0 - 63)	Display  TypeA,TypeB 0.1 ~ 7.0 0 ~ 10 0.1 ~ 200.0(0.1 ~ 99.3) [ms]	Defa 0 15 6 2 64 0 44	TypeA 2.5 6 3.2 +0 Thru	table#6	Control	Notes
GATE REV No.	ERB Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff	Option V I - + - + - + - + - +	0 - 1 0 - 44 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0	Display TypeA.TypeB 0.1 - 7.0 0 - 10 0.1 - 200.0(0.1 - 99.3) [ms] -63 - 63 Thur - 8.0[kHz]	Defa 0 15 6 2 64 0 44 0	TypeA 2.5 6 3.2 +0	table#6 table#5 table#16 table#3	Control	Notes
GATE REV No. 1 2 3 4 5 6 7 8 9	ERB Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cutoff	Option V I - + - + - + - + - + - + - + - + - + -	0 - 1 0 - 44 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 0	Display TypeA.TypeB 0.1 ~ 7.0 0 ~ 10 0.1 ~ 200.0(0.1 ~ 99.3) [ms] -63 ~ 63 Thur ~ 8.0[Hz] 1.0[kHz] ~ Thru  D63>W ~ D=W ~ D <w63< td=""><td>Defa  0 15 6 2 64 0 44 0 32</td><td>Display TypeA 2.5 6 3.2 +0 Thru 3.2[kHz] - D32&gt;W</td><td>table#6 table#5 table#16 table#3</td><td>Control</td><td>Notes</td></w63<>	Defa  0 15 6 2 64 0 44 0 32	Display TypeA 2.5 6 3.2 +0 Thru 3.2[kHz] - D32>W	table#6 table#5 table#16 table#3	Control	Notes
GATE REV No.  1 2 3 4 5 6 7 8 9 10 11 12	ERB Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cutoff Dry/Wet Balance Liveness Density	V I	0 - 1 0 - 44 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 0 1 - 127 0 - 10	Display  TypeA.TypeB 0.1 ~ 7.0 0 ~ 10 0.1 ~ 200.0(0.1 ~ 99.3) [ms] -63 ~ 63 Thru ~ 8.0[Hz] 1.0[Hz] ~ Thru	Defa  0 15 6 2 64 0 44 0 0 32 4 3	Display TypeA 2.5 6 3.2 +0 Thru 3.2[kHz] D32>W 4 3	table#6 table#5 table#16 table#3 table#3	Control	Notes
GATE REV No. 1 2 3 3 4 5 6 6 7 8 8 9 9 100 111 12 13	ERB Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cutoff LPF Cutoff LPF Cutoff Liveness Density High Damp	Option   V I   - + - + - + + + + + + + + + + + + + +	0 - 1 0 - 44 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 1 - 127 0 - 10 0 - 3 1 - 10	Display  TypeA.TypeB 0.1 - 7.0 0 - 10 0.1 - 200.0(0.1 - 99.3) [ms] -63 - 463 Thru - 8.0(Htz] 1.0[kHz] - Thru -053-W - D=W - D <w63 -="" 0="" 10<="" td=""><td>Defa  0 15 6 2 64 0 44 0 32 4 3 10 0</td><td>Display TypeA 2.5 6 3.2 +0 Thru 3.2[kHz] - D32&gt;W 4 3 1.0</td><td>table#6 table#5 table#16 table#3 table#3</td><td>Control</td><td>Notes</td></w63>	Defa  0 15 6 2 64 0 44 0 32 4 3 10 0	Display TypeA 2.5 6 3.2 +0 Thru 3.2[kHz] - D32>W 4 3 1.0	table#6 table#5 table#16 table#3 table#3	Control	Notes
GATE REV No.  1 2 3 4 5 6 6 7 8 9 10 11 12 13	Parameter Name Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cutoff	V I	0 - 1 0 - 44 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 1 - 127 0 - 10 0 - 3 1 - 10	Display  TypeA.TypeB 0.1 ~ 7.0 0 ~ 10 0.1 ~ 200.0(0.1 ~ 99.3) [ms] -63 ~ 63 Thru ~ 8.0[Hz] 1.0[Hz] ~ Thru	Defa  0 15 6 2 64 0 44 0 32 4 3 10	Display TypeA 2.5 6 3.2 +0 Thru 3.2[kHz] D32>W 4 3 1.0	table#6 table#5 table#16 table#3 table#3	Control	Notes
GATE REV No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	ERB Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cutoff Dry/Wet Balance Liveness Density High Damp	V I	0 - 1 0 - 44 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 0 - 1 - 127 0 - 10 0 - 3 1 - 10 0 0	Display  TypeA.TypeB 0.1 - 7 0 0 - 10 0.1 - 200.0(0.1 - 99.3) [ms] 63 - +63 Thru - 8.0[kHz] 1.0[kHz] - Thru  D63>W - D=W - D <w63 -="" 0="" 0.1="" 1.0<="" 10="" 3="" td=""><td>Defa  0 15 6 2 64 0 44 0 0 32 4 3 10 0 0</td><td>Display TypeA 2.5 6 3.2 +0 Thru 3.2[kHz] - D32&gt;W 4 3 1.0</td><td>table#6 table#5 table#16 table#3 table#3</td><td>Control</td><td>Notes</td></w63>	Defa  0 15 6 2 64 0 44 0 0 32 4 3 10 0 0	Display TypeA 2.5 6 3.2 +0 Thru 3.2[kHz] - D32>W 4 3 1.0	table#6 table#5 table#16 table#3 table#3	Control	Notes
GATE REV No.  1 2 3 4 5 6 6 7 8 9 10 11 12 13 14 15 16	ERB Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cutoff Dry/Wet Balance Liveness Density High Damp	V I	0 - 1 0 - 44 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 0 - 1 - 127 0 - 10 0 - 3 1 - 10 0 0	Display  TypeA.TypeB 0.1 ~ 7.0 0 ~ 10 0.1 ~ 200.0(0.1 ~ 99.3) [ms] -63 ~ 63 Thur ~ 8.0[kHz] 1.0[kHz] ~ Thru  -563-W ~ D=W ~ D <w63 0="" 0.1="" 1.0="" 10="" 3="" data="" range<="" td="" ~=""><td>Defa  0 15 6 2 64 0 44 0 32 4 3 10 0 0 0</td><td>Display TypeA 2.5 6 3.2 +0 Thru 3.2[kHz]</td><td>table#6 table#5 table#16 table#3 table#3</td><td>Control</td><td>Notes  Notes</td></w63>	Defa  0 15 6 2 64 0 44 0 32 4 3 10 0 0 0	Display TypeA 2.5 6 3.2 +0 Thru 3.2[kHz]	table#6 table#5 table#16 table#3 table#3	Control	Notes  Notes
GATE REV No.	Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cutoff LPF Cutoff Liveness Density High Damp	V I - + - + - + - + - + - + - + - + - + - +	0 - 1 0 - 44 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 1 - 127 0 - 10 0 - 3 1 - 10 0	Display	Defa  0 15 6 2 64 0 44 0 32 4 3 10 0 0 Defa	Display   TypeA   2.5   6   3.2   +0   Thrus   3.2[kHz]   -	table#6 table#5 table#16 table#3 table#3 table#3 table#3		
GATE REV No.  1 2 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16  REVERSE ( No.  1 2 3 3	ERB Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cutoff LPF Cutoff LPF Cutoff LPF Cutoff LYP	V I - + - + - + - + - + - + - + - + - + - +	0 - 1 0 - 44 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 1 - 127 0 - 10 0 - 3 1 - 10 0 0	Display	Defa  0 15 6 2 64 0 0 32 4 3 10 0 0 Defa  1 19 8	Display   TypeA   2.5   6   3.2   40   Thru   3.2[kHz]   -	table#6 table#5 table#16 table#3 table#3 table#3 table#15  Lable#15		
GATE REV No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  REVERSE No.  1 2 3 4 5 5	ERB Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cutoff Liveness Density High Damp	V I - + - + - + - + - + - + - + - + - + - +	0 - 1 0 - 44 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 0 - 1 0 - 10 0 - 3 1 - 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  TypeA.TypeB 0.1 - 7.0 0 - 10 0.1 - 200.0(0.1 - 99.3) [ms] -63 - 63 1 - 63 1 - 61 1 - 10 1 - 10 Data Range  Display  TypeA.TypeB 0.1 - 7.0 0 - 10 0.1 - 200.0(0.1 - 99.3) [ms] -63 - 63 -63 - 63 Display  TypeA.TypeB 0.1 - 7.0 0.1 - 200.0(0.1 - 99.3) [ms] -63 - 63 -63 - 63	Defa  0 15 6 2 64 0 0 32 4 3 10 0 0 Defa  1 19 8 3 64	Display   TypeA   2.5   6   3.2   +0   Thru   3.2[kHz]   -	table#6 table#5 table#16 table#3 table#3 table#3 table#3 table#3 table#15		
GATE REV No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  REVERSE ( No.  1 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cutoff LPF Cutoff Liveness Density High Damp  GATE  Parameter Name  Type Room Size Diffusion Initial Delay	Option  Option	0 - 1 0 - 44 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 1 - 127 0 - 10 0 - 3 1 - 10 0 0 0 0 1 - 127 0 - 10 0 0 0 0 1 - 127 0 - 10 0 0 0 0 1 - 127 0 - 10 0 0 0 0 0 0 0 0 0 0 0 0 0	Display	Defa  0 15 6 2 64 0 0 32 4 3 10 0 0 0  Defa 1 19 8 3 64 0 47	Display TypeA 2.5 6 3.2 40 Thru 3.2[kHz] D32>W 4 3 1.0	table#6 table#16 table#16 table#3 table#3 table#3 table#3 table#16 table#16 table#6 table#6		
GATE REV No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  REVERSE ( No.  1 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cutoff LPF Cutoff Liveness Density High Damp  GATE  Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level	Option  Option	0 - 1 0 - 44 0 - 19 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 0 1 - 127 0 - 10 0 - 3 1 - 10 0 0 0 0 0 0 0 0 0 0 0 0 0	Display	Defa  0 15 6 2 64 0 44 40 0 32 4 3 10 0 0 1 19 8 3 64 0 47	Display TypeA 2.5 6 3.2 -0 Thru 3.2[kHz] D32>W 4 3 1.0	table#6 table#5 table#16 table#3 table#3 table#3 table#16 table#15  See Table table#6 table#6 table#6 table#6		
GATE REV No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  REVERSE ( No.  1 5 6 7 7 8 9 9 10 11 12 13 14 15 16 7 7 8 9 10 11 12 13 14 15 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Liveness Density High Damp  GATE  Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cutoff LPF Cutoff  Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF	Option  Option	0 - 1 0 - 44 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 0 1 - 127 0 - 10 0 - 3 1 - 10 0 0 0 0 0 0 0 0 0 0 0 0 0	Display	Defa  0 15 6 2 64 0 44 0 32 4 3 10 0 0 0  Defa  1 19 8 3 64 0 47 0 0 32	Display TypeA 2.5 6 3.2 40 Thru 3.2[kHz] D32>W 4 3 1.0	table#6 table#5 table#16 table#3 table#3 table#3 table#16 table#15  See Table table#6 table#6 table#6 table#6		
GATE REV No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  REVERSE ( No.  1 5 6 7 7 8 9 9 10 11 11 12	Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cutoff LPF Cutoff Liveness Density High Damp  GATE  Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff  LPF Cutoff  Dry/Wet Balance Liveness Density High Damp  GATE  Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cutoff LPF Cutoff LPF Cutoff Dry/Wet Balance Liveness Density	Option  Option	0 - 1 0 - 44 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 0 1 - 127 0 - 10 0 - 3 1 - 10 0 0 0 0 0 0 0 1 - 127 0 - 10 0 - 3 1 - 10 0 0 0 0 0 0 0 0 0 0 0 0 0	Display	Defs  0 15 6 2 2 64 0 0 32 4 3 10 0 0 0 0 11 11 19 8 3 64 0 0 0 32 6 3 32 6 3	Display TypeA 2.5 6 3.2 40 Thru 3.2[kHz]	table#6 table#16 table#16 table#16 table#15 table#15  See Table table#15 table#6 table#6 table#6 table#3 table#3		
GATE REV No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 6 REVERSE No.  1 5 6 7 7 8 9 9 10 11 12 13 14 15 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cutoff Liveness Density High Damp  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cutoff LPF Cutoff LPF Cutoff  Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cutoff LPF Cutoff LPF Cutoff LPP Cuto	Option  Option	0 - 1 0 - 44 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 0 1 - 127 0 - 10 0 - 3 1 - 10 0 0 0 0 - 10 0 - 3 1 - 10 0 - 10	Display	Defs  0 15 6 2 2 64 0 0 32 4 3 10 0 0 0 0 19 8 3 64 0 0 47 7 0 0 32 6 3 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display TypeA 2.5 6 3.2 40 Thru 3.2[kHz] 5 Display 4 3 1.0 Display TypeB 3.1 4.8[ms] 4.0 Thru 4.5[kHz] 6 3 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	table#6 table#16 table#16 table#16 table#15 table#15  See Table table#15 table#6 table#6 table#6 table#3 table#3		
GATE REV No.  1 2 3 4 4 5 6 6 7 8 9 10 11 12 13 14 15 6 REVERSE ( No.  1 2 3 3 4 1 5 6 7 8 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Parameter Name Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff Liveness Density High Damp	Option  Option	0 - 1 0 - 44 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 0 1 - 127 0 - 10 0 - 3 1 - 10 0 0 0 0 - 1 0 - 44 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 0 0 - 1 0 - 1	Display	Defa  0 15 6 2 64 0 44 0 0 32 4 3 10 0 0 0  Defa 1 19 8 3 64 0 47 0 0 32 6 3 10	Display TypeA 2.5 6 3.2 40 Thru 3.2[kHz]	table#6 table#16 table#16 table#16 table#15 table#15  See Table table#15 table#6 table#6 table#6 table#3 table#3		
GATE REV No.  1 2 3 4 4 5 6 6 7 8 9 10 11 12 13 14 15 6 REVERSE ( No.  1 2 3 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Parameter Name Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cutoff Liveness Density High Damp	Option  Option	0 - 1 0 - 44 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 0 1 - 127 0 - 10 0 - 3 1 - 10 0 0 0 0 0 1 - 127 0 - 52 34 - 60 0 0 0 0 0 0 0 0 0 0 0 0 0	Display	Defa  0 15 6 2 64 0 44 0 0 32 4 3 10 0 0 0  Defa 1 19 8 3 64 0 47 0 0 32 6 3 10 0 0 0 0	Display TypeA 2.5 6 3.2 40 Thru 3.2[kHz] 5 Display 4 3 1.0 Display TypeB 3.1 4.8[ms] 4.0 Thru 4.5[kHz] 6 3 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	table#6 table#16 table#16 table#16 table#15 table#15  See Table table#15 table#6 table#6 table#6 table#3 table#3		
GATE REV No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 6 REVERSE ( No.  1 2 3 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Parameter Name Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cutoff Liveness Density High Damp	Option  Option  Option  Option  Option  Option  Option	0 - 1 0 - 44 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 0 1 - 127 0 - 10 0 - 3 1 - 10 0 0 0 0 0 1 - 127 0 - 52 34 - 60 0 0 0 0 0 0 0 0 0 0 0 0 0	Display	Defs  0 15 6 6 2 64 0 0 444 0 0 0 32 4 3 10 0 0 0 0  1 19 8 8 64 0 0 47 0 0 0 32 6 6 3 10 0 0 0 0 0 0 0 0 0 0 0	Display TypeA TypeA 3.2 4 3.2 Htyl 3.2 Htyl 4 3 1.0 D32>W 4 3 1.0 Display TypeB 3.1 8 4.8[ms] 4.8[ms] 4.8[ms] 4.0 Thru 4.5[kHz] D32>W 6 3 1.0	table#6 table#16 table#16 table#16 table#15 table#15  See Table table#15 table#6 table#6 table#6 table#3 table#3		
GATE REV No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  REVERSE ( No.  1 2 3 3 4 4 5 6 7 8 9 10 11 11 12 13 14 15 16  REVERSE ( No.  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Parameter Name Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cutoff Liveness Density High Damp  GATE Parameter Name Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF C	Option   V   I	0 - 1 0 - 44 0 - 19 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 1 - 127 0 - 10 0 - 3 1 - 10 0 0 0 0 - 1 0 - 44 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 0 0 0 0 0 0 0 0 0 0 0 0	Display	Defa  0 15 6 2 64 0 44 0 0 32 4 3 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display TypeA TypeA 3.2 -6 3.2 -40 Thru 3.2[kHz] - D32>W 4 3 1.0 Display TypeB 3.1 8 4.8[ms] +0 Thru 4.5[kHz] D32>W 6 3 1.0 D32>W 6 3 1.0	table#6 table#16 table#16 table#3 table#3 table#15  See Table table#6 table#6 table#8 table#3 table#3 table#3	Control	Notes
GATE REV No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  REVERSE ( No.  1 1 2 1 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16  REVERSE ( No.  1 1 2 1 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16  WHITE RO No.	Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cutoff Liveness Density High Damp  GATE Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF	Option   V I	0 - 1 0 - 44 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 0 1 - 127 0 - 10 0 - 3 1 - 10 0 0 0 0 - 10 0 - 1	Display	Defa  0 15 6 6 2 64 0 44 0 0 32 4 3 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display TypeA TypeA 3.2	table#6 table#5 table#16 table#3 table#3 table#3 table#15  See Table table#15  See Table table#3 table#16 table#3 table#16 table#3 table#16 table#15	Control	Notes
GATE REV No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  REVERSE ( No.  1 1 2 3 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16  No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  No.  1 2 3 4 4 5 5 6 7 8 9 10 10 11 12 13 14 15 16  No.  12 13 14 15 16  No.	Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cutoff Liveness Density High Damp  GATE  Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cutoff  LPF Cutoff	Option  Option  - + + + - + - + - + - + - + - + - + -	0 - 1 0 - 44 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 0 1 - 127 0 - 10 0 - 3 1 - 10 0 0 0 0 0 0 1 - 127 0 - 10 0 0 0 0 0 0 0 0 0 0 0 0 0	Display	Defa  0 15 6 6 2 64 0 44 0 0 32 4 3 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display TypeA 2.5 6 6.2.5 6 7 7 100 100 100 100 100 100 100 100 100	table#6 table#5 table#16 table#3 table#3 table#3 table#15  See Table table#6 table#3 table#15  See Table table#16 table#3 table#15 table#16 table#15 table#16 table#16 table#16 table#16 table#16 table#16 table#16 table#16	Control	Notes
GATE REV No.  1 2 3 4 4 5 6 6 7 7 8 8 9 100 111 121 13 14 15 16 8 10 11 11 11 11 11 11 11 11 11 11 11 11	Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff Liveness Density High Damp  GATE  Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff Liveness Density High Damp  Liveness Density High Damp  Parameter Name  Type Type Room Size Diffusion Initial Delay HPF Cutoff LPF Cutoff  Parameter Name  OM  Parameter Name  Reverb Time Diffusion Initial Delay High Damp  Liveness Density Liveness	Option   V I	0 - 1 0 - 44 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 0 1 - 127 0 - 10 0 - 3 1 - 10 0 0 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 0 0 0 0 1 - 127 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 0 0 0 0 0 0 0 0 0 0 0 0	Display	Defa  0 15 6 2 64 0 44 0 0 32 4 3 10 0 0 0  Defa 1 19 9 5 11 0 0 46 30	Display TypeA 2.5 6.3.2 +0 Thru 3.2[kHz] D32>W 4 3 1.0 Display TypeB 3.1 8 4.8[ms] +0 Thru 4.5[kHz]	table#6 table#16 table#15 table#13 table#15 table#15  See Table table#15  Lable#15 table#6 table#6 table#6 table#15 table#16 table#3 table#16 table#3 table#16	Control	Notes
GATE REV No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 6 7 8 9 10 11 12 13 14 15 6 7 8 9 10 11 12 13 14 15 6 7 8 9 10 11 12 13 14 15 6 7 8 9 10 11 12 13 14 15 6 7 8 9 10 11 12 13 14 15 6 7 8 9 10 11 12 13 14 15 6 7 8 9 10 11 12 13 14 15 6 7 8 9 10 11 12 13 14 15 6 7 8 9 10 10 11 12 13 14 15 16 7 8 9 10 10 11 12 13 14 15 16 7 8 9 10 10 11 12 13 14 15 16 7 8 9 10 10 11 12 13 14 15 16 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cut	Option	0 - 1 0 - 44 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 0 - 10 0 - 3 1 - 10 0 - 10 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 0 - 10 0 - 10 0 - 10 0 - 10 0 - 52 34 - 60 0 - 0 0 - 10 0 - 3 1 - 10 0 - 10 0 - 10 0 - 10 0 - 10 0 - 52 34 - 60 0 - 3 1 - 10 0 - 10 0 - 3 1 - 10 0 - 10 0 - 3 1 - 10 0 - 3 1 - 10 0 - 7 0 - 10 0 -	Display	Defa  0 15 6 2 64 0 44 0 0 32 4 3 10 0 0 0  Defa 1 19 8 3 64 0 47 0 0 0 32 6 3 10 0 0 0 0  Defa 3 10 0 0 0 0  Defa 3 5 6 7 7 7 7 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8	Display TypeA 2.5 6.3.2 +0 Thru 3.2[kHz] D32>W 4 3 1.0 Display TypeB 3.1 8 4.8[ms] +0 Thru 4.5[kHz]	table#6 table#5 table#16 table#3 table#3 table#3 table#15  See Table table#6 table#3 table#15  See Table table#16 table#3 table#15 table#16 table#15 table#16 table#16 table#16 table#16 table#16 table#16 table#16 table#16	Control	Notes
GATE REV No.  1 2 3 4 4 5 6 6 7 7 8 8 9 10 11 12 13 13 14 15 6 6 6 7 7 8 8 9 10 11 12 13 14 15 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Parameter Name Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cutoff Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cutoff Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cutoff	Option  - + + + + + + + + + + + + + + + + + +	0 - 1 0 - 44 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 0 - 10 0 - 10 0 - 11 0 - 44 0 - 10 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 0 0 - 10 0 - 3 1 - 127 0 - 10 0 - 3 1 - 107 0 - 3 1 - 107 0 - 10 0 - 3 1 - 107 0 - 69 0 - 107 0 - 52 34 - 60 0 - 69 0 - 73 0 - 73 0 - 73 0 - 73 0 - 73 0 - 104 0 - 3 0 - 104 0 - 3 0 - 104 0 - 3 0 - 105 0 - 3 0 - 106 0 - 3 0 - 107 0 - 3 0 - 107 0 - 3 0 - 108 0 - 3 0 - 108 0 - 10	Display	Defa  0 15 6 2 64 0 44 0 0 32 4 3 10 0 0 0  Defa 1 19 8 3 64 0 47 0 0 0 0 0 0  Defa 3 10 0 7 40 46 30 50 77 40	Display TypeA 2.5 6.3.2 +0 Thru 3.2[kHz] D32>W 4 3 1.0 Display TypeB 3.1 8 4.8[ms] +0 Thru 4.5[kHz]	table#6 table#5 table#3 table#3 table#3 table#3 table#15   See Table table#6 table#6 table#6 table#6 table#6 table#1 table#11 table#11 table#15	Control	Notes
GATE REV No.  1 2 3 4 4 5 6 6 7 7 8 8 9 100 111 12 13 14 15 16 16 17 12 13 14 15 16 16 17 16 17 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	FERB  Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cutoff Liveness Density High Damp  GATE  Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cutoff	Option	0 - 1 0 - 44 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 0 1 - 127 0 - 10 0 - 3 1 - 10 0 - 10 0 - 10 0 - 10 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 0 1 - 127 0 - 52 34 - 60 0 0 1 - 127 0 - 10 0 -	Display	Defa  0 15 6 2 64 0 44 0 0 32 4 3 10 0 0 0  Defa 1 19 8 3 64 0 0 37 64 0 0 0 0 0  Defa 30 0 0  7 40 34 44 44 44	Display TypeA TypeA 5.6 6.3.2 +0 Thru 3.2[kHz] D32>W 4 3 1.0 Display TypeB 3.1 8 4.8[ms] +0 Thru 4.5[kHz] D32>W 6 3 1.0 1.2[seb] 1.7.4[ms] 1.7[ms] 1.3.7[m] 1.3.7[m] 1.9.4[m] 7 1.24>W 55.6[ms] 4 55.6[ms]	table#6 table#5 table#16 table#3 table#3 table#15  See Table table#15  table#15  See Table table#3 table#3 table#3 table#16 table#3 table#16 table#11 table#11 table#11 table#11	Control	Notes
GATE REV No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  REVERSE ( No.  1 1 12 13 14 15 16  WHITE RO  No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 6 7 8 9 10 11 12 13 14 15 16 16 17 8 9 10 11 12 13 14 15 16 16 17 8 9 10 11 12 13 14 15 16 16 17 8 18 9 10 11 12 13 14 15 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cutoff LPF Cutoff  Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level High Damp  GATE  Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF	Option   - + + + + + + + + + + + + + + + + + +	0 - 1 0 - 44 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 0 1 - 127 0 - 10 0 - 3 1 - 110 0 0 0 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 10 0 - 3 1 - 127 0 - 10 0	Display	Defa  0 15 6 6 2 64 0 0 44 0 0 0 32 4 3 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display TypeA 2.5 6 3.2 40 3.2 kHz  - 1.0	table#6 table#5 table#3 table#3 table#3 table#3 table#15   See Table table#6 table#6 table#6 table#6 table#6 table#1 table#11 table#11 table#15	Control	Notes
GATE REV No.  1 2 3 4 4 5 6 6 7 7 8 8 9 100 111 12 13 13 14 15 16 16 17 12 13 14 15 16 17 12 13 14 15 16 17 12 13 14 15 16 17 12 13 14 15 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Parameter Name  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cutoff LPF Care  Annual Parameter Name  Type Room Size Density High Damp  Type Room Size Diffusion Initial Delay Feedback Level HPF Cutoff LPF Cut	Option   - + + + + + + + + + + + + + + + + + +	0 - 1 0 - 44 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 0 1 - 127 0 - 10 0 - 3 1 - 10 0 - 10 0 - 10 0 - 10 0 - 10 0 - 127(0 - 63) 1 - 127 0 - 52 34 - 60 0 0 1 - 127 0 - 52 34 - 60 0 0 1 - 127 0 - 10 0 -	Display	Defs  0 15 6 2 2 64 0 0 44 3 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display TypeA TypeA 5.6 6.3.2 +0 Thru 3.2[kHz] D32>W 4 3 1.0 Display TypeB 3.1 8 4.8[ms] +0 Thru 4.5[kHz] D32>W 6 3 1.0 1.2[seb] 1.7.4[ms] 1.7[ms] 1.3.7[m] 1.3.7[m] 1.9.4[m] 7 1.24>W 55.6[ms] 4 55.6[ms]	table#6 table#5 table#3 table#3 table#3 table#3 table#15   See Table table#6 table#6 table#6 table#6 table#6 table#1 table#11 table#11 table#15	Control	Notes

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No.	Parameter Name	Option R V I		Data Range Display	Defa	ult Data Display	See Table	Control	Notes
1	Reverb Time Diffusion	+ + +	0 - 69 0 - 10	0.3 ~ 30.0 [sec] 0 ~ 10	48 6	5.5[sec] 6	table#4		
3	Initial Delay HPF Cutoff	+ + +	0 - 63 0 - 52	0.1 ~ 99.3 [ms] Thru ~ 8.0[kHz]	19	30.0[ms]	table#5		
5	LPF Cutoff	+ + +	34 - 60	1.0[kHz] ~ Thru	0 44	Thru 3.2[kHz]	table#3 table#3		
7	Width Height	+ + + +	0 - 37 0 - 73	0.5 ~ 10.2 [m] 0.5 ~ 20.2 [m]	33 52	9.1[m] 14.2[m]	table#11 table#11		
9	Depth Wall Vary	+ + + +	0 - 104 0 - 30	0.5 ~ 30.2 [m] 0 ~ 30	70 16	19.4[m] 16	table#11		
11	Dry/Wet Balance Rev Delay	+ + + +	1 - 127 0 - 63	D63>W ~ D=W ~ D <w63 0.1 ~ 99.3 [ms]</w63 	40 20	D24>W 31.6[ms]	table#15 table#5		
12 13	Density Er/Rev Balance	+ + +	0 - 4 1 - 127	0 ~ 4 E63>R ~ E=R ~ E <r63< td=""><td>4 64</td><td>4 E=R</td><td></td><td></td><td></td></r63<>	4 64	4 E=R			
14 15	High Damp Feedback Level	+ + +	1 - 10 1 - 127	0.1 ~ 1.0 -63 ~ +63	7 64	0.7 +0	table#16		
16	-		0	-	0	-			
CANYON No.	Parameter Name	Option		Data Range	Defa	ult Data	See Table	Control	Notes
1	Reverb Time	R V I + + +	0 - 69	Display  0.3 ~ 30.0 [sec]	59	Display 12.0[sec]	table#4		
3	Diffusion Initial Delay	+ + +	0 - 10 0 - 63	0 ~ 10 0.1 ~ 99.3 [ms]	6 63	6 99.3[ms]	table#5		
5	HPF Cutoff LPF Cutoff	+ + +	0 - 52 34 - 60	Thru ~ 8.0[kHz] 1.0[kHz] ~ Thru	0 45	Thru 3.6[kHz]	table#3 table#3		
6	Width Height	+ + +	0 - 37 0 - 73	0.5 ~ 10.2 [m] 0.5 ~ 20.2 [m]	34 62	9.4[m] 17.1[m]	table#11 table#11		
8	Depth Wall Vary	+ + + +	0 - 104 0 - 30	0.5 ~ 30.2 [m] 0 ~ 30	91 13	25.8[m] 13	table#11		
10	Dry/Wet Balance Rev Delay	+ + +	1 - 127 0 - 63	D63>W ~ D=W ~ D <w63 0.1 ~ 99.3 [ms]</w63 	40 25	D24>W 39.5[ms]	table#15 table#5		
12	Density	+ + +	0 - 4	0 ~ 4	4	4	table#5		
14	Er/Rev Balance High Damp	+ + + +	1 - 127 1 - 10	E63>R ~ E=R ~ E <r63 0.1 ~ 1.0</r63 	64 4	E=R 0.4			
15 16	Feedback Level	+ + +	1 - 127 0	-63 ~ +63 -	64 0	+0	table#16		
BASEMEN	T Parameter Name	Option		Data Range	Dafe	ult Data	See Table	Control	Notes
No.	Parameter Name Reverb Time	Option	0 - 69	Display  0.3 ~ 30.0 [sec]	3	Display 0.6[sec]	See Table table#4	Control	ivotes
2	Diffusion	+ + +	0 - 10	0 ~ 10 0.1 ~ 99.3 [ms]	6	6			
4	Initial Delay HPF Cutoff	+ + + +	0 - 63 0 - 52	Thru ~ 8.0[kHz]	3	4.8[ms] Thru	table#5 table#3		
6	LPF Cutoff Width	+ + + +	34 - 60 0 - 37	1.0[kHz] ~ Thru 0.5 ~ 10.2 [m]	34 26	1.0[kHz] 7.2[m]	table#3 table#11		
8	Height Depth	+ + +	0 - 73 0 - 104	0.5 ~ 20.2 [m] 0.5 ~ 30.2 [m]	29 59	8.0[m] 16.2[m]	table#11 table#11		
9	Wall Vary Dry/Wet Balance	+ + +	0 - 30 1 - 127	0 ~ 30 D63>W ~ D=W ~ D <w63< td=""><td>15 40</td><td>15 D24&gt;W</td><td>table#15</td><td></td><td></td></w63<>	15 40	15 D24>W	table#15		
11	Rev Delay Density	+ + +	0 - 63 0 - 4	0.1 ~ 99.3 [ms] 0 ~ 4	32 4	50.5[ms] 4	table#5		
13	Er/Rev Balance High Damp	+ + + +	1 - 127 1 - 10	E63>R ~ E=R ~ E <r63 0.1 ~ 1.0</r63 	64 8	E=R 0.8			
	Feedback Level	+ + +	1 - 127	-63 ~ +63	64 0	+0	table#16		
KARAOKE	1								
No.	Parameter Name	Option V I		Data Range Display	Defa	ult Data Display	See Table	Control	Notes
No. 1	Parameter Name  Delay Time Feedback Level	Option   V I   + + + + + + + + + +	0 - 127 1 - 127	Display  0.1 ~ 400 [ms]  -63 ~ +63	63 97		See Table table#7 table#16	Control	Notes
No. 1 2 3	Parameter Name  Delay Time Feedback Level HPF Cutoff	V I + +	1 - 127 0 - 52	Display  0.1 ~ 400 [ms] -63 ~ +63 Thru ~ 8.0[kHz]	63 97 0	Display 198.5[ms] +33 Thru	table#7 table#16 table#3	Control	Notes
No.	Parameter Name  Delay Time Feedback Level HPF Cutoff LPF Cutoff	V I + + + + + + + + + + + + + + + + + +	1 - 127	Display  0.1 ~ 400 [ms]  -63 ~ +63	63 97 0 48 0	Display 198.5[ms] +33	table#7 table#16	Control	Notes
No. 1 2 3 4	Parameter Name Delay Time Feedback Level HIPF Cutoff LPF Cutoff	V I + + + + + + + + + + + + + + + + + +	1 - 127 0 - 52 34 - 60 0 0	Display  0.1 ~ 400 [ms] -63 ~ +63 Thru ~ 8.0[kHz]	63 97 0 48 0 0	Display 198.5[ms] +33 Thru 5.0[kHz]	table#7 table#16 table#3	Control	Notes
No.	Parameter Name Delay Time Feedback Level HIPF Cutoff LPF Cutoff	V I + + + + + + + +	1 - 127 0 - 52 34 - 60 0 0 0 0	Display  0.1 ~ 400 [ms]  -63 ~ +63  Thru ~ 8.0[kHz]  1.0[kHz] ~ Thru	63 97 0 48 0 0 0	Display 198.5[ms] +33 Thru 5.0[kHz] - -	table#7 table#16 table#3 table#3	Control	Notes
No.  1 2 3 4 5 6 7 8 9 10 11	Parameter Name Delay Time Feedback Level HPF Cutoff LPF Cutoff	V I + + + + + + + + + + + + + + + + + +	1 - 127 0 - 52 34 - 60 0 0 0 0 0 1 - 127 0 - 3	Display  0.1 ~ 400 [ms] -63 ~ +63 Thru ~ 8.0[kHz]	63 97 0 48 0 0 0 0 0 0 64 2	Display 198.5[ms] +33 Thru 5.0[kHz] D=W 2	table#7 table#16 table#3	Control	Notes
No.  1 2 3 4 5 6 7 8 9 10 11 12 13	Parameter Name  Delay Time Feedback Level HPF Cutoff LPF Cutoff	V I + + + + + + + + + +	1 - 127 0 - 52 34 - 60 0 0 0 0 1 - 127 0 - 3 0	Display  0.1 ~ 400 [ms] -63 ~ +63 Thru ~ 8.0[kHz] 1.0[kHz] ~ Thru	63 97 0 48 0 0 0 0 0 0 64 2 0	Display 198.5[ms] +33 Thru 5.0[kHz] D=W 2	table#7 table#16 table#3 table#3	Control	Notes
No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14 155	Parameter Name  Delay Time Feedback Level HPF Cutoff  LPF Cutoff	V I + + + + + + + + + +	1 - 127 0 - 52 34 - 60 0 0 0 0 0 1 - 127 0 - 3 0 0	Display  0.1 ~ 400 [ms] -63 ~ +63 Thru ~ 8.0[kHz] 1.0[kHz] ~ Thru	63 97 0 48 0 0 0 0 0 0 64 2 0 0	Display 198.5[ms] +33 Thru 5.0[kHz] D=W 2	table#7 table#16 table#3 table#3	Control	Notes
No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Parameter Name  Delay Time Feedback Level HPF Cutoff LPF Cutoff	V I + + + + + + + + + +	1 - 127 0 - 52 34 - 60 0 0 0 0 0 1 - 127 0 - 3 0	Display  0.1 ~ 400 [ms] -63 ~ +63 Thru ~ 8.0[kHz] 1.0[kHz] ~ Thru	63 97 0 48 0 0 0 0 0 0 64 2 0 0	Display 198.5[ms] +33 Thru 5.0[kHz] D=W 2	table#7 table#16 table#3 table#3	Control	Notes
No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14 155	Parameter Name  Delay Time Feedback Level HPF Cutoff LPF Cutoff	V I + + + + + + + + + + + + + + + + + + +	1 - 127 0 - 52 34 - 60 0 0 0 0 0 1 - 127 0 - 3 0 0	Display  0.1 ~ 400 [ms] -63 ~ +63 Thru ~ 8.0[kHz] 1.0[kHz] ~ Thru	63 97 0 48 0 0 0 0 0 64 2 0 0 0	Display 198.5[ms] +33 Thru 5.0[kHz]	table#7 table#16 table#3 table#3		Notes  Notes
No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  KARAOKE No.	Parameter Name  Delay Time Feedback Level HIPF Cutoff LPF Cutoff	V I + + + + + + + + + + + + + + + + + + +	1 - 127 0 - 52 34 - 60 0 0 0 0 0 0 1 - 127 0 - 3 0 0 0	Display  0.1 ~ 400 [ms] -63 ~ +63 Thru ~ 8.0[kHz] 1.0[kHz] ~ Thru	63 97 0 48 0 0 0 0 0 64 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display 198.5[ms] +33 Thru 5.0[kHz] D=W 2 Display ult Data Display 173.3[ms]	table#7 table#16 table#3 table#3 table#3 table#3 table#15		
No.  1 2 3 4 4 5 6 6 7 7 8 8 9 10 11 12 13 14 15 15 16 No.	Parameter Name  Delay Time Feedback Level HIPF Cutoff LPF Cutoff	V I  + + + + + + + + + + + + + + + + + +	1 - 127 0 - 52 34 - 60 0 0 0 0 0 0 1 - 127 0 - 3 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  0.1 ~ 400 [ms] -63 ~ +63 Thru ~ 8.0[kHz] 1.0[kHz] ~ Thru	63 97 0 48 0 0 0 0 0 64 2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display   198.5[ms] +33	table#7 table#16 table#3 table#3 table#15 table#15		
No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  KARAOKE  No.  1 2 3 4 5 5	Parameter Name  Delay Time Feedback Level HPF Cutoff  LPF Cutoff	V I + + + + + + + + + + + + + + + + + + +	1 - 127 0 - 52 34 - 60 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  0.1 ~ 400 [ms] -63 ~ +63 Thru ~ 8.0[kHz] 1.0[kHz] ~ Thru	63 97 0 48 0 0 0 0 0 64 2 0 0 0 0 0 0 0 0 0 0 0 0 0	Display   198.5[ms]   +33   Thru   5.0[kHz]   -	table#7 table#16 table#3 table#3 table#3 table#3  table#15		
No.  1 2 3 3 4 5 6 6 7 7 8 8 9 10 11 12 13 14 15 16 KARAOKE  No.  1 2 3 3 4 4 5 5 6 6 6 7 7 8 8 9 9 10 10 11 12 13 14 15 16 16 16 16 16 16 16 16 16 16 16 16 16	Parameter Name  Delay Time Feedback Level HPF Cutoff LPF Cutoff	V I  + + + + + + + + + + + + + + + + + +	1 - 127 0 - 52 34 - 60 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  0.1 ~ 400 [ms] -63 ~ +63 Thru ~ 8.0[kHz] 1.0[kHz] ~ Thru	63 97 0 48 0 0 0 0 0 64 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display 198.5[ms] 198.5[ms	table#7 table#16 table#3 table#3 table#15 table#15		
No.  1 2 3 4 4 5 6 6 7 7 8 8 9 10 11 12 13 14 15 16 6 8 8 9 9 10 10 11 12 15 16 6 7 8 8 9 9 9 9 10 10 11 11 12 15 16 16 16 16 16 16 16 16 16 16 16 16 16	Parameter Name  Delay Time Feedback Level HPF Cutoff LPF Cutoff	V I + + + + + + + + + + + + + + + + + + +	1 - 127 0 - 52 34 - 60 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  0.1 ~ 400 [ms] -63 ~ +63 Thru ~ 8.0[kHz] 1.0[kHz] ~ Thru	63 97 0 48 0 0 0 0 0 64 2 0 0 0 0 0 0 55 105 0 0 0 0 0 0 0 0 0 0	Display 198.5[ms] 198.5[ms	table#7 table#16 table#3 table#3 table#35 table#15		
No.  1 2 3 4 4 5 6 6 7 8 8 9 10 11 12 13 14 15 16 6 17 15 16 17 15 16 17 17 17 17 17 17 17 17 17 17 17 17 17	Parameter Name  Delay Time Feedback Level HPF Cutoff LPF Cutoff	V I  + + + + + + + + + + + + + + + + + +	1 - 127 0 - 52 34 - 60 0 0 0 0 0 0 0 0 1 - 127 0 - 3 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  0.1 ~ 400 [ms] -63 ~ +63 Thru ~ 8.0[kHz] 1.0[kHz] ~ Thru	63 97 0 48 0 0 0 0 0 64 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display 198.5[ms] 198.5[ms] 198.5[ms] 198.5[ms] 175.0[kHz]	table#7 table#16 table#3 table#3 table#15 table#15		
No.  1 2 3 4 4 5 6 6 7 8 8 9 10 11 12 13 14 15 16 16 16 17 16 17 17 17 17 17 17 17 17 17 17 17 17 17	Parameter Name  Delay Time Feedback Level HPF Cutoff LFF Cutoff LF	V I + + + + + + + + + + + + + + + + + + +	1 - 127 0 - 52 34 - 60 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  0.1 ~ 400 [ms] -63 ~ +63 Thru ~ 8.0[kHz] 1.0[kHz] ~ Thru	63 97 0 48 0 0 0 0 0 0 64 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display 198.5[ms] +33 Thru 5.0[kHz]	table#7 table#16 table#3 table#3 table#35 table#15		
No.  1 2 3 4 4 5 6 6 7 7 8 8 9 10 11 12 13 14 15 5 6 6 7 7 8 8 9 10 11 12 13 14 15 15 15 6 7 7 8 10 11 12 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	Parameter Name  Delay Time Feedback Level HIPF Cutoff LPF Cutoff	V I + + + + + + + + + + + + + + + + + + +	1 - 127 0 - 52 34 - 60 0 0 0 0 0 1 - 127 0 - 3 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  0.1 ~ 400 [ms] -63 ~ +63 Thru ~ 8.0[kHz] 1.0[kHz] ~ Thru	63 97 0 48 0 0 0 0 0 64 2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display 198.5[ms] 198.5[ms] 198.5[ms] 198.5[ms] 175.0[kHz]	table#7 table#16 table#3 table#3 table#35 table#15		
No.  1 2 3 4 4 5 6 6 7 7 8 8 9 10 11 12 13 14 15 16 1 12 12 13 14 15 16 1 12 12 13 14 15 16 1 12 12 13 14 15 16 1 12 12 12 12 12 12 12 12 12 12 12 12 1	Parameter Name  Delay Time  Peredback Level HIPF Cutoff LPF Cutoff LPF Cutoff  Pensity  Parameter Name  Delay Time Feedback Level HIPF Cutoff LPF Cutoff	V I + + + + + + + + + + + + + + + + + + +	1 - 127 0 - 52 34 - 60 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  0.1 ~ 400 [ms] -63 ~ +63 Thru ~ 8.0[kHz] 1.0[kHz] ~ Thru	63 97 0 48 0 0 0 0 0 0 64 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display 198.5[ms] +33 Thru 198.5[ms] +35 Thru 5.0[kHz]	table#7 table#16 table#3 table#3 table#35 table#15		
No.  1 2 3 4 4 5 6 6 7 7 8 8 9 10 11 12 13 14 15 16 1 12 12 13 14 15 16 1 12 12 13 14 15 16 1 12 12 13 14 15 16 1 12 12 12 12 12 12 12 12 12 12 12 12 1	Parameter Name  Delay Time  Peredback Level HIPF Cutoff LPF Cutoff LPF Cutoff  Pensity  Parameter Name  Delay Time Feedback Level HIPF Cutoff LPF Cutoff	Option  V I  + + + + + + + + + + + +  Option  V I  + + + + + + + + + + + + + + + + + +	1 - 127 0 - 52 34 - 60 0 0 0 0 0 1 - 127 0 - 3 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  0.1 - 400 [ms] -63 - 463 Thru - 8.0[kHz] 1.0[kHz] - Thru	63 97 0 48 0 0 0 0 0 0 64 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  198.5[ms] 198.5[m	table#7 table#16 table#3 table#3 table#35 table#15		
No.   1   2   3   4   4   5   6   6   7   8   8   9   10   11   12   13   14   15   16   17   18   19   19   19   19   19   19   19	Parameter Name  Delay Time Feedback Level HPF Cutoff LPF Cutoff LP	Option    V I	1 - 127 0 - 52 34 - 60 0 0 0 0 0 1 - 127 0 - 3 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  0.1 - 400 [ms] -63 - 463 Thru - 8.0[kHz] 1.0[kHz] - Thru	63 97 0 48 0 0 0 0 0 64 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  198.5[ms]  198.5[ms]  198.5[ms]  109.5[kHz]	table#7 table#16 table#3 table#3 table#15  See Table table#15  Lable#15  See Table table#15  Lable#15	Control	Notes
No.   1   2   3   4   4   5   6   6   7   8   8   9   10   11   12   13   14   15   16   17   18   18   18   18   18   18   18	Parameter Name  Delay Time Feedback Level HPF Cutoff LPF Cutoff	Option  V I  + + + + + + + +  V I  V I  + + + + + + + + + + + + + + + + + +	1 - 127 0 - 52 34 - 60 0 0 0 0 0 1 - 127 0 - 3 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  0.1 - 400 [ms] -63 - 463 Thru - 8.0[kHz] 1.0[kHz] - Thru	63 97 0 48 0 0 0 48 0 0 0 0 64 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  198.5[ms]  198.5[ms]  198.5[ms]  108.1	table#7 table#16 table#3 table#3 table#15 table#15 table#15  See Table table#15 table#16 table#3 table#16 table#3 table#17 table#18 table#18	Control	Notes
No.   1   2   3   4   4   5   5   6   6   7   7   8   8   9   10   11   12   13   14   15   16   17   17   17   17   17   17   17	Parameter Name  Delay Time Feedback Level HPF Cutoff  LPF Cutoff	Option	1 - 127 0 - 52 34 - 60 0 0 0 0 1 - 127 0 - 3 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  0.1 ~ 400 [ms] -63 ~ +63  Thru ~ 8.0[kHz] 1.0[kHz] ~ Thru	63 97 0 48 0 0 0 0 0 64 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display 198.5[ms] +33 Thru 5.0[kHz]	table#7 table#16 table#3 table#3 table#15  See Table table#7 table#16 table#7 table#16 table#15  See Table table#16 table#3	Control	Notes
No.   1   2   3   4   4   5   6   6   7   8   8   9   10   11   12   13   14   15   16   17   18   18   18   18   18   18   18	Parameter Name  Delay Time Feedback Level HPF Cutoff LFP Cutoff	Option  V I  + + + + + + + +  V I  V I  + + + + + + + + + + + + + + + + + +	1 - 127 0 - 52 34 - 60 0 0 0 0 1 - 127 0 - 3 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  0.1 - 400 [ms] -63 - 463 Thru - 8.0[kHz] 1.0[kHz] - Thru	63 97 0 48 0 0 0 0 0 64 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display 198.5[ms] +33 Thru 5.0[kHz]	table#7 table#16 table#3 table#3 table#15 table#15 table#15  See Table table#15 table#16 table#3 table#16 table#3 table#17 table#18 table#18	Control	Notes
No.   1   2   3   4   4   5   6   6   7   8   8   9   10   11   15   16   17   17   17   17   17   17   17	Parameter Name  Delay Time Feedback Level HPF Cutoff LPF Cutoff	Option  V I  + + + + + + + + + + + + + + + + + +	1 - 127 0 - 52 34 - 60 0 0 0 0 1 - 127 0 - 3 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  0.1 ~ 400 [ms] -63 ~ +63 Thru ~ 8.0[kHz] 1.0[kHz] ~ Thru	63 97 0 48 0 0 0 0 0 64 2 0 0 0 0 0 0 55 105 0 0 0 0 0 0 0 0 0 0	Display 198.5[ms] +33 Thru 5.0[kHz]	table#7 table#16 table#3 table#3 table#15 table#15 table#15  See Table table#3 table#16 table#3 table#16 table#3 table#3 table#3	Control	Notes
No.   1   2   3   4   4   5   5   6   6   7   7   8   9   10   11   12   13   14   15   16   15   16   15   16   15   16   16	Parameter Name  Delay Time Feedback Level HPF Cutoff  LPF Cutoff	Option  V I  + + + + + + + +  V I  V I  + + + + + + + + + + + + + + + + + +	1 - 127 0 - 52 34 - 60 0 0 0 0 1 - 127 0 - 3 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  0.1 - 400 [ms] -63 - 463 Thru - 8.0[kHz] 1.0[kHz] - Thru	63 97 0 48 0 0 0 0 0 64 2 0 0 0 0 0 0 555 105 0 0 0 0 0 0 0 0 0 0	Display 198.5[ms] +33 Thru 5.0[kHz]	table#7 table#16 table#3 table#3 table#15 table#15 table#15  See Table table#15 table#16 table#3 table#16 table#3 table#17 table#18 table#18	Control	Notes
No.   1   2   3   4   4   5   6   6   7   8   8   9   10   11   12   13   14   15   16   15   16   16   16   16   16	Parameter Name  Delay Time Feedback Level HPF Cutoff  LFF Cutoff  LFF Cutoff  Dry/Wet Balance Density  Parameter Name  Delay Time Feedback Level HPF Cutoff  LFF Cutoff  Prount Delay Time Feedback Level HPF Cutoff  LFF Cutoff  LFF Cutoff  LFF Cutoff  Delay Time Feedback Level HPF Cutoff  LFF Cutoff  LFF Cutoff  Delay Time Feedback Level HPF Cutoff  LFF Cutoff  Delay Time Feedback Level HPF Cutoff  LFF Cutoff  LF	Option   V I   + + + + + + + + + + + + + + + + + +	1 - 127 0 - 52 34 - 60 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  0.1 - 400 [ms] -63 - 463 Thru - 8.0[kHz] 1.0[kHz] - Thru	63 97 0 48 0 0 0 0 0 64 2 0 0 0 0 0 0 555 105 0 0 0 0 0 0 0 0 0 0	Display  198.5[ms]  198.5[ms]  198.5[ms]  109.5[ms]	table#7 table#16 table#3 table#3 table#15 table#15 table#15  See Table table#3 table#16 table#3 table#16 table#3 table#3 table#3	Control	Notes
No.   1   2   3   4   4   5   6   6   7   8   8   9   10   11   12   13   14   15   16   16	Parameter Name  Delay Time Feedback Level HPF Cutoff  LPF Cutoff  LPF Cutoff  Dry/Wet Balance Density  Parameter Name  Delay Time Feedback Level HPF Cutoff  LPF Cutoff	Option   V I   + + + + + + + + + + + + + + + + + +	1 - 127 0 - 52 34 - 60 0 0 0 0 0 1 - 127 0 - 3 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  0.1 - 400 [ms] -63 - 463 Thru - 8.0[kHz] 1.0[kHz] - Thru	63 97 0 48 0 0 0 48 0 0 0 64 2 0 0 0 0 0 0 0 0 555 105 0 0 0 0 0 0 0 0	Display  198.5[ms]  198.5[ms]  198.5[ms]  109.8[ms]  10	table#7 table#16 table#3 table#3 table#15 table#15 table#15  See Table table#3 table#16 table#3 table#16 table#3 table#3 table#3	Control	Notes

No.   Parameter Name   Option   Data Range   Display   Display	Notes
N   Display   Display   Display	
2   Feedback Level	
4   LR Diffusion	
S Lag	
7 -	
8 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	
10 Dry/Wet Balance	
11- 12- 13 EO Low Frequency	
13 EO Low Frequency   + + 4 - 40   32 ~ 2.0k [Hz]   28   500[Hz]   table#3	
14 FO Low Gain + + 52 - 76 - 12 ~ +12 [dR] 64 +0[dR]	
15 EQ High Frequency   +   +   28 - 58   500 - 16.0k [Hz]   46   4.0kHz] table#3	
16 EQ High Gain + + 52 - 76 -12 - +12 [dB] 64 +0[dB]	
TEMPO ECHO	
No.         Parameter Name         Option         Data Range         Default Data         See Table         Control           V         I         Display         Display         Display	Notes
1 Delay Time + + 0 - 19 64th/3 ~ 4thx6 11 4th table#14	
2 Feedback Level + + + 1 - 127 -63 ~ +63 92 +28 table#16 3 Feedback High Dump 1-10 1.0 1.0 1.0	
4 L/R Diffusion   + + 1 - 127 -63 ~ 63 [ms] 78 +14[ms]	
5 Lag	
7 -   0  -	
10 Dry/Wet Balance	
13 EQ Low Frequency   + + + 4 - 40   32 ~ 2.0k [Hz]   28   500[Hz]   table#3   14 EQ Low Gain   + + + 52 - 76   -12 ~ +12 [dB]   64   +0[dB]	
15 EQ High Frequency + + 28 - 58 500 ~ 16.0k [Hz] 46 4.0[kHz] table#3	
	<u>I</u>
TEMPO CROSS         No.         Parameter Name         Option         Data Range         Default Data         See Table         Control	Notes
V I Display Display	140168
1 Delay Time L>R	
3   Feedback Level   + + 1 - 127   -63 ~ +63   102   +38   table#16	
4 Input Select   + + + 0 - 2	
6 Lag     + + 1 - 127   -63 ~ 63 [ms]   64   +0[dB]	
7-8-0 0 -0 -0 -	
9- 10Dpv/Wet Balance	
10 Dry/Wet Balance	
10 Dry/Wet Balance	
10 Dry/Wet Balance	
10   Dry/Wet Balance	
10 Dry/Wet Balance	
10   Dry/Wet Balance	Notes
10 Dry/Wet Balance	Notes
10 Dry/Wet Balance	Notes
10 Dry/Wet Balance	Notes
10   Dry/Wet Balance	Notes
10 Dry/Wet Balance	Notes
10 Dry/Wet Balance	Notes
10 Dry/Wet Balance	Notes
10 Dry/Wet Balance	Notes
10 Dry/Wet Balance	Notes
10 Dry/Wet Balance	Notes
10 Dry/Wet Balance	Notes
10 Dry/Wet Balance	Notes
10   Dry/Wet Balance	
10   DryWet Balance	
10   DryWe Balance	
10   DyyWet Balance	
10   DryWet Balance	
10   DryWe Balance	
10   Dry/Wet Balance	Notes
10   Dry/Wet Balance	Notes
10 Dry/Wet Balance	Notes
10   DyyWet Balance	Notes
10   Dry-Wet Balance	Notes
10   Dry/Wet Balance	Notes
10   DysW Balance	Notes
10   Dysyn Balance	Notes
10   DysW Balance	Notes

No.	Parameter Name	Option		Data Range	Defa	ult Data	See Table	Control	Notes
	LFO Frequency	CVI	0 - 127	Display 0.00 ~ 39.7 [Hz]	4	Display 0.17[Hz]	table#1		
2	LFO Depth	+	0 - 127	0 ~ 127	44	44	table#19		
2	Feedback Level Delay Offset	+	1 - 127 0 - 127	-63 ~ +63 0.0 ~ 50.0 [ms]	64 110	+0 23.3[ms]	table#17 table#2		
	5 - 5 EQ Low Frequency	+	0 4 - 40(8 - 40)	- 32 ~ 2.0k(50 ~ 2.0k) [Hz]	0 28	500[Hz]	table#3		
1	EQ Low Gain EQ High Frequency	+	52 - 76	-12 ~ +12 [dB] 500 ~ 16.0k [Hz]	64	+0[dB]			
9	EQ High Gain	+	28 - 58 52 - 76	-12 ~ +12 [dB]	46 66	4.0[kHz] +2[dB]	table#3		
	Dry/Wet Balance EQ Mid Frequency	+	1 - 127 14 - 54	D63>W ~ D=W ~ D <w63 100 ~ 10.0k [Hz]</w63 	64 46	D=W 4.0[kHz]	table#15 table#3		
12	EQ Mid Gain EQ Mid Width	+ + +	52 - 76 10 - 120	-12 ~ +12 [dB] 1.0 ~ 12.0	64 10	+0[dB] 1.0			
14	1 -		0	-	0	-			
15	Input Mode 5 -	+ + +	0 - 1 0	Mono,Stereo	0	Mono -			
GM CHOR	US I								
No.	Parameter Name	Option C V I		Data Range Display	Defa	ult Data Display	See Table	Control	Notes
	LFO Frequency	+ + +	0 - 127	0.0 ~ 39.7 [Hz]	9	0.38[Hz]	table#1		
	LFO Depth 3 Feedback Level	+ + + +	0 - 127 1 - 127	0 ~ 127 -63 ~ +63	10 64	10 +0	table#19 table#17		
4	Delay Offset	+ + +	0 - 127	0.0 ~ 50.0 [ms]	109 0	21.8[ms]	table#2		
	EQ Low Frequency	+ + +	4 - 40	32 ~ 2.0k [Hz] -12 ~ +12 [dB]	28 64	500[Hz]	table#3		
8	FQ Low Gain EQ High Frequency	+ + +	52 - 76 28 - 58	500 ~ 16.0k [Hz]	46	+0[dB] 4.0[kHz]	table#3		
	EQ High Gain Dry/Wet Balance	+ + +	52 - 76 1 - 127	-12 ~ +12 [dB] D63>W ~ D=W ~ D <w63< td=""><td>64 64</td><td>+0[dB] D=W</td><td>table#15</td><td></td><td></td></w63<>	64 64	+0[dB] D=W	table#15		
1	EQ Mid Frequency	+ + +	14 - 54	100 ~ 10.0k [Hz] -12 ~ +12 [dB]	46	4.0[kHz]	table#3		
13	EQ Mid Gain EQ Mid Width	+ + + +	52 - 76 10 - 120	1.0 ~ 12.0	64 10	+0[dB] 1.0			
14 15	4 - 5 Input Mode	+ + +	0 0 - 1	- Mono,Stereo	0	- Mono			
16			0	<u> </u> -	0	-			
GM CHOR		0-4		Data Ranga	D-*	ult Data	6	C 1	No.
No.	Parameter Name	Option C V I		Data Range Display		Display	See Table	Control	Notes
	LFO Frequency LFO Depth	+ + +	0 - 127 0 - 127	0.0 ~ 39.7 [Hz] 0 ~ 127	26 34	1.09[Hz] 34	table#1 table#19		
3	Feedback Level	+ + +	1 - 127	-63 ~ +63 0.0 ~ 50.0 [ms]	67	+3	table#17		
	Delay Offset 5 -	+ + +	0 - 127 0	-	105 0	15.5[ms]	table#2		
	EQ Low Frequency EQ Low Gain	+ + +	4 - 40 52 - 76	32 ~ 2.0k [Hz] -12 ~ +12 [dB]	28 64	500[Hz] +0[dB]	table#3		
8	EQ High Frequency EQ High Gain	+ + +	28 - 58 52 - 76	500 ~ 16.0k [Hz] -12 ~ +12 [dB]	46 64	4.0[kHz] +0[dB]	table#3		
10	Dry/Wet Balance	+ + +	1 - 127	D63>W ~ D=W ~ D <w63< td=""><td>64</td><td>D=W</td><td>table#15</td><td></td><td></td></w63<>	64	D=W	table#15		
	EQ Mid Frequency EQ Mid Gain	+ + + +	14 - 54 52 - 76	100 ~ 10.0k [Hz] -12 ~ +12 [dB]	46 64	4.0[kHz] +0[dB]	table#3		
	EQ Mid Width	+ + +	10 - 120 0	1.0 ~ 12.0	10 0	1.0			
1.5	Input Mode	+ + +	0 - 1	Mono,Stereo	0				
				Mono, Stereo		Mono			
16	1		0	-	0	Mono -			
GM CHOR	1	Option		Data Range	0	ult Data	See Table	Control	Notes
GM CHOR	US 3 Parameter Name	Option  C V I  + + +	0	Data Range Display  0.0 - 39.7 [Hz]	0	ult Data Display		Control	Notes
GM CHOR	US 3 Parameter Name LFO Frequency LFO Depth	C V I	0 - 127 0 - 127	Data Range  Display  0.0 ~ 39.7 [Hz]  0 - 127	0 Defa	ult Data Display 0.38[Hz] 34	table#1 table#19	Control	Notes
GM CHOR	US 3 Parameter Name	Option	0 - 127 0 - 127 1 - 127 0 - 127	Data Range Display  0.0 - 39.7 [Hz]	9 34 69 105	ult Data Display 0.38[Hz]	table#1	Control	Notes
GM CHOR No.	US 3  Parameter Name  LFO Frequency  LFO Depth  Feedback Level  Delay Offset	C V I + + + + + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 - 127 0 4 - 40	Data Range    Display	9 34 69 105 0 28	0.38[Hz] 34 +5 15.5[ms] - 500[Hz]	table#1 table#19 table#17	Control	Notes
GM CHOR No.	US 3  Parameter Name  LFO Frequency  LFO Depth Feedback Level Delay Offset  EQ Low Frequency EQ Low Gain	C V I + + + + + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127	Data Range    Display	0 Defa 9 34 69 105 0 28 64	ult Data Display 0.38[Hz] 34 +5 15.5[ms] - 500[Hz] +0[dB]	table#1 table#19 table#17 table#2	Control	Notes
GM CHOR No.	US 3  Parameter Name  LFO Frequency LFO Depth Freedback Level Delay Offset  EQ Low Frequency EQ Low Gain EQ High Frequency EQ High Gain	C V I + + + + + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 4 - 40 52 - 76 28 - 58 52 - 76	Data Range    Display	9 34 69 105 0 28 64 46 66	Display 0.38[Hz] 34 +5 15.5[ms] - 500[Hz] +0[dB] 4.0[kHz] +2[dB]	table#1 table#19 table#17 table#2 table#3	Control	Notes
GM CHOR No.	US 3  Parameter Name  LFO Frequency LFO Depth Freedback Level Delay Offset	C V I + + + + + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 4 - 40 52 - 76 28 - 58 52 - 76 1 - 127 14 - 54	Data Range    Display	9 34 69 105 0 28 64 46 66 64 46	Display 0.38[Hz] 34 +5 15.5[ms] - 500[Hz] +0[dB] 4.0[kHz] +2[dB] D=W 4.0[kHz]	table#1 table#19 table#17 table#2 table#3	Control	Notes
GM CHOR No.	US 3  Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset  EQ Low Frequency EQ Low Gain EQ High Frequency EQ High Frequency EQ High Sain DywWet Balance	C V I + + + + + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 4 - 40 52 - 76 28 - 58 52 - 76 1 - 127	Data Range  Display  0.0 - 39.7 [Hz] 0 - 127 -63 - +63 0.0 - 50.0 [ms] 32 - 2.0k [Hz] -12 - +12 [dB] 500 - 16.0k [Hz] -12 - +12 [dB] D63-W - D-W - D-W 63	9 34 69 105 0 28 64 46 66 64	ult Data Display 0.38[Hz] 34 +5 15.5[ms] - 500[Hz] +0[dB] 4.0[kHz] +2[dB] D=W	table#1 table#19 table#17 table#2 table#3 table#3	Control	Notes
GM CHOR No.	US 3  Parameter Name  LFO Frequency LFO Depth Freedback Level Delay Offset  EQ Low Frequency EQ High Frequency EQ High Frequency EQ High Gain Dry/Wet Balance EQ Mid Gain EQ Mid Width	C V I  +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 4 - 40 52 - 76 28 - 58 52 - 76 1 - 127 14 - 54 52 - 76 10 - 120 0	Data Range    Data Range   Display	9 34 69 105 0 28 64 46 66 64 46 64 0	ult Data Display 0.38[Hz] 34 +5 15.5[ms] -500[Hz] +0[dB] 4.0[kHz] +2[dB] D=W 4.0[kHz] +0[dB] 1.0	table#1 table#19 table#17 table#2 table#3 table#3	Control	Notes
GM CHOR No.	US 3  Parameter Name  LFO Frequency LFO Depth Freedback Level Delay Offset	C V I  +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 4 - 40 52 - 76 28 - 58 52 - 76 1 - 127 14 - 54 52 - 76 10 - 120	Data Range  Display  0.0 ~ 39.7 [Hz] 0 ~ 127 -63 ~ +63 0.0 ~ 50.0 [ms]2 2.0k [Hz] -12 ~ +12 (dB]  503-W D-W D-W P-W D-W 100 -10.0k [Hz] -12 ~ +12 (dB]	9 34 69 105 0 28 64 46 66 64 46 64	Display 0.38[Hz] 34 +5 15.5[ms] +0[dB] 4.0[kHz] +2[dB] D=W 4.0[kHz] +0[dB]	table#1 table#19 table#17 table#2 table#3 table#3	Control	Notes
GM CHOR No.	US 3  Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset  EQ Low Frequency EQ Low Gain EQ High Frequency EQ High Gain Dry/Wet Balance EQ Mid Fequency EQ Mid Gain EQ Mid Width Input Mode	C V I I + + + + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 4 - 40 52 - 76 28 - 58 52 - 76 1 - 127 14 - 54 52 - 76 0 0 - 1	Data Range    Data Range	0 Defa  9 34 69 105 0 28 64 46 66 64 41 0 0 0	Display 0.38[Hz] 34 +5 15.5[ms] -500[Hz] +0[dB] +0[kHz] +2[dB] D=W 4.0[kHz] +0[dB] 1.0	table#1 table#19 table#17 table#2 table#3 table#3 table#3		
GM CHOR No.	US 3  Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset  EQ Low Frequency EQ Low Gain EQ High Gain Doy, Wet Balance EQ Mid Gain EQ Mid Fequency EQ Mid Gain Low Mid Width Input Mode  US 4  Parameter Name	C V I  +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 20 - 127 0 4 - 40 52 - 76 1 - 127 14 - 54 52 - 76 10 - 120 0 0 - 1	Data Range    Display	9 34 69 105 0 28 64 46 66 446 0 0 0 Defa		table#1 table#19 table#19 table#17 table#2 table#3 table#3 table#3 table#3 table#3 See Table	Control	Notes  Notes
GM CHOR No.	US 3  Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset  EQ Low Frequency EQ Lip Gain EQ High Frequency EQ High Frequency EQ High Gain DryWet Balance EQ Mid Frequency EQ Mid Width  Input Mode  US 4  Parameter Name  LLFO Frequency	C V I I	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 4 - 40 52 - 76 28 - 58 52 - 76 1 - 127 14 - 54 52 - 76 0 0 - 1	Data Range    Display	0 Defa 9 34 69 105 0 28 64 46 66 46 61 0 0 0 0 Defa	ult Data Display 0.38[Hz] 34 +5 15.5[ms] -9(ldB] 4.0[kHz] +2[dB] 1.0 -W 4.0[kHz] -Mono	table#1 table#19 table#17 table#2 table#3 table#3 table#3		
GM CHOR No.  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	US 3  Parameter Name  LFO Frequency LFO Depth Freedback Level Delay Offset  EQ Low Frequency EQ High Frequency EQ High Frequency EQ High Gain Dry/Wet Balance EQ Mid Gain EQ Mid Width  Input Mode  US 4  Parameter Name  LFO Frequency LFO Depth Freedback Level	C V I I	0 - 127 0 - 127 0 - 127 1 - 127 0 - 127 0 4 - 40 52 - 76 52 - 76 11 - 127 14 - 54 52 - 76 10 - 120 0 - 1 0 - 1 0 - 127 0 - 127 1 - 127	Data Range    Display	9 34 69 105 0 28 64 46 66 64 46 60 0 0 Defa		table#1 table#19 table#19 table#17 table#2 table#3 table#3 table#3 table#3 table#3 table#15 table#3		
GM CHOR No	US 3  Parameter Name  LFO Frequency LFO Depth Freedback Level Delay Offset  EQ Low Frequency EQ High Frequency EQ High Frequency EQ High Frequency EQ Mid Gain EQ Mid Gain EQ Mid Gain EQ Mid Gain EQ Mid Width  Input Mode  US 4  Parameter Name  LFO Frequency LFO Depth Freedback Level Delay Offset	C V I I	0 - 127 0 - 127 0 - 127 1 - 127 0 - 127 0 4 - 40 52 - 76 28 - 58 52 - 76 11 - 127 14 - 54 52 - 76 10 - 120 0 - 1 0 - 127 0 - 127	Data Range    Display   Display	0 Defa  9 34 69 105 0 28 64 46 66 64 40 0 0 0 Defa  Defa  26 29 75 102 0	Display   Disp	table#1 table#19 table#17 table#27 table#3 table#3 table#3 table#3 table#3 table#3 table#15 table#1 table#17 table#17 table#17 table#19 table#2		
GM CHOR No.	US 3  Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset  EQ Low Frequency EQ Low Gain EQ High Frequency EQ High Gain DryWet Balance EQ Mid Gain EQ Mid Gain EQ Mid Width  Input Mode  US 4  Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset  EQ Low Frequency LFO Depth Feedback Level Delay Offset  EQ Low Frequency EQ Low Facilian Services Administration Services Administ	C V I I  +    Cption     C   V   I  +	0 - 127 0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 4 - 40 52 - 76 52 - 76 10 - 120 0 - 1 0 - 127 0 - 12	Data Range    Display   Display	Defa  Defa  9  34  69  105  0  28  64  46  66  64  10  0  0  0  Defa  Defa  Defa  28  64  66  64  10  0  0  0  0  0  28  64  66  64  66  64  66  64  66  64  66  6	Display   Disp	table#1 table#19 table#17 table#27 table#3 table#3 table#3 table#3 table#3  See Table table#1 table#1 table#1 table#1 table#1 table#2 table#2 table#3		
GM CHOR No.	US 3  Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset  EQ Low Frequency EQ Low Gain EQ High Frequency EQ High Gain Dry, Wet Balance EQ Mid Frequency EQ Mid Gain EQ Mid Frequency EQ Mid Gain EQ Mid House LFO Frequency EQ Mid Cain EQ Mid Frequency EQ Mid Gain EQ Mid Frequency EQ Low Gain ELFO Frequency LFO Depth Feedback Level Delay Offset  EQ Low Frequency EQ Low Gain EQ High Frequency EQ Low Gain EQ High Frequency	C V I I	0 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 0 - 127 28 - 58 52 - 76 1 - 127 0 - 120 0 - 1 0 - 127 0 - 127	Data Range    Display	0 Defa  9 34 69 105 0 28 64 46 66 64 410 0 0 0  Defa  26 29 75 102 0 28 64 46 64 46 64 64 64 64 64 66 64 66 66		table#1 table#19 table#17 table#27 table#3 table#3 table#3 table#3 table#3 table#3 table#15 table#1 table#17 table#17 table#17 table#19 table#2		
GM CHOR No.	US 3  Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset EQ Low Frequency EQ Low Gain EQ High Frequency EQ High Gain Dry Wet Balance EQ Mid Width Input Mode  Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset EQ Mid Frequency EQ Mid Gain EQ Mid Frequency EQ Low Gain EQ Low Frequency EQ Low Gain EQ Low Gain EQ High Frequency EQ High Gain DryWet Balance	C V I I	0 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 0 - 127 28 - 58 52 - 76 1 - 127 14 - 54 52 - 76 10 - 120 0 - 1 0 - 127 0 - 127	Data Range    Display	Defa  9  34  69  105  0  28  64  46  66  64  40  0  0  0  Defa  26  29  75  102  0  28  64  46  64  64	ult Data  Display  0.38[Hz]  34  +5  15.5[ms]  500[Hz] +0[dB] 4.0[kHz] +0[dB] 1.0  -0  ult Data  Display  1.09[Hz] 29  +11 12.2[ms] -500[Hz] +0[dB] 4.0[kHz]	table#1 table#19 table#19 table#17 table#27 table#3 table#3 table#3 table#3 table#3 table#15 table#1 table#17 table#17 table#3 table#3 table#3 table#3		
GM CHOR No.	US 3  Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset EQ Low Frequency EQ High Gain Dby Wet Balance EQ Mid Gain Eq Mid Gain Eq Mid Gain Eq Mid Gain Eq Mid Frequency LFO Depth Feedback Level Delay Offset Eq Low Gain Eq Low Gain Eq High Frequency Eq High Gain DryWet Balance Eq Mid Frequency Eq Mid Gain	C V I I	0 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 0 - 127 28 - 58 52 - 76 1 - 127 14 - 54 52 - 76 10 - 120 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 1	Data Range    Display	Defa  9  34  69  105  0  28  64  46  66  64  40  0  0  0  0  Defa  Defa  28  64  66  64  46  64  64  64  64  64  6		table#1 table#19 table#17 table#27 table#3 table#3 table#3 table#3 table#3  See Table table#1 table#1 table#1 table#1 table#1 table#1 table#2 table#3 table#3		
GM CHOR No.	US 3  Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset  EQ Low Frequency EQ Life Depth EQ Low Gain EQ High Gain Dry.Wet Balance EQ Mid Gain EQ Mid Width  Input Mode  US 4  Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset  EQ Low Gain EQ Mid Frequency EQ Mid Gain Dry.Wet Balance EQ Mid Width  LFO Frequency LFO Depth Feedback Level Delay Offset  EQ Low Frequency EQ Low Gain EQ High Frequency EQ Life Gain Dry.Wet Balance EQ Mid Frequency EQ Mid Gain Dry.Wet Balance EQ Mid Gain EQ Mid Frequency EQ Mid Gain	C V I I  +	0 - 127 0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 14 - 54 52 - 76 10 - 120 0 - 1 0 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 1 - 127 1 - 127 0 - 127 1 - 127	Data Range    Data Range   Display	Defa  Defa  9  34  69  105  0  28  64  46  64  46  64  10  0  0  Defa  Defa  Defa  46  64  64  64  64  64  64  64  64  6	Display   Disp	table#1 table#19 table#19 table#17 table#27 table#3 table#3 table#3 table#3 table#3 table#15 table#1 table#17 table#17 table#3 table#3 table#3 table#3		
GM CHOR No.	US 3  Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset  EQ Low Frequency EQ Life Depth EQ Low Frequency EQ Life Gain Dry, Wet Balance EQ Mid Frequency EQ Mid Gain EQ Mid House EQ Mid Gain LFO Frequency EQ Mid Cain LFO Frequency EQ Mid Cain EQ Mid Frequency EQ Mid Gain Dry, Wet Balance EQ Mid Frequency EQ Mid Gain EQ Mid Frequency LFO Depth Feedback Level Delay Offset EQ Low Gain EQ Life Frequency EQ Low Gain EQ High Frequency EQ Low Gain EQ High Frequency EQ Mid Gain Dry, Wet Balance EQ Mid Gain EQ Mid Frequency EQ Mid Gain EQ Mid Width Input Mode	C V I I	0 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 0 - 127 28 - 58 52 - 76 1 - 127 14 - 54 52 - 76 10 - 120 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 1	Data Range    Display	Defa  9  34  69  105  0  28  64  46  66  64  40  0  0  0  0  Defa  Defa  28  64  66  64  46  64  64  64  64  64  6		table#1 table#19 table#19 table#17 table#27 table#3 table#3 table#3 table#3 table#3 table#15 table#1 table#17 table#17 table#3 table#3 table#3 table#3		
GM CHOR No.	US 3  Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset  EQ Low Frequency EQ Life Depth EQ Low Frequency EQ High Gain Dry,Wet Balance EQ Mid Frequency EQ Mid Gain EQ Mid High EQ Mid High EQ Mid Frequency EQ Mid Gain LFO Frequency EQ Mid Cain EQ Mid Frequency EQ Mid Gain EQ Mid Frequency EQ Mid Gain EQ Mid Frequency EQ Mid Gain EQ Mid Frequency LFO Depth Feedback Level Delay Offset  EQ Low Gain EQ Mid Frequency EQ Low Gain EQ Mid Frequency EQ Mid Gain EQ Mid Width Enput Mode	C V I I	0 - 127 0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 14 - 54 52 - 76 10 - 120 0 - 1 0 - 127 0 - 127	Data Range    Display	Defa  Defa  9  34  69  105  0  28  64  46  64  46  64  10  0  26  27  75  102  28  64  46  64  64  64  64  64  64  64  6	ult Data  Display  0.38[Hz]  34  +5  500[Hz] +0[dB] 4.0[kHz] +2[dB] D=W 4.0[kHz] +0[dB] 1.0  -0  ult Data Display 1.09[Hz] 1.09[Hz] +0[dB] 1.109[Hz] +0[dB] 1.00 -0  -0  -0  -0  -0  -0  -0  -0  -0	table#1 table#19 table#19 table#17 table#27 table#3 table#3 table#3 table#3 table#3 table#15 table#1 table#17 table#17 table#3 table#3 table#3 table#3		
GM CHOR No.	US 3  Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset  EQ Low Frequency EQ Life Depth EQ Low Frequency EQ High Gain Dry,Wet Balance EQ Mid Frequency EQ Mid Gain EQ Mid High EQ Mid High EQ Mid Frequency EQ Mid Gain LFO Frequency EQ Mid Cain EQ Mid Frequency EQ Mid Gain EQ Mid Frequency EQ Mid Gain EQ Mid Frequency EQ Mid Gain EQ Mid Frequency LFO Depth Feedback Level Delay Offset  EQ Low Gain EQ Mid Frequency EQ Low Gain EQ Mid Frequency EQ Mid Gain EQ Mid Width Enput Mode	C V I I  +	0 - 127 0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 14 - 54 52 - 76 10 - 120 0 - 1 0 - 127 0 - 127	Data Range	Defa  9 9 105 0 28 64 46 66 64 46 64 10 0 0 0  Defa  Defa  Defa  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display   Disp	table#1 table#19 table#19 table#17 table#27 table#3 table#3 table#3 table#3 table#3 table#15 table#1 table#17 table#17 table#3 table#3 table#3 table#3		
GM CHOR No.	US 3  Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset  EQ Low Frequency EQ Low Gain EQ High Gain Dry,Wet Balance EQ Mid Width Input Mode  US 4  Parameter Name  LFO Frequency EL Ow Gain EQ High Gain Dry Met Pequency EQ Mid Gain EQ Mid Frequency EQ High Gain Dry Wet Balance EQ Mid Frequency EQ High Gain Dry Wet Balance EQ Mid Frequency EQ Mid Gain EQ Mid Width Input Mode  Parameter Name  LFO Frequency EQ Mid Gain EQ Mid Width Input Mode	C V I I	0 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 14 - 54 52 - 76 10 - 120 0 - 1 0 - 127 0 - 120 0 - 1 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 120 0 - 1	Data Range	Defa  Defa  9  34  69  105  0  28  64  46  66  64  40  0  0  0  28  64  46  64  46  64  64  64  64  64  6	Display   O.38[Hz]   34   +5   15.5[ms]   5.5[ms]   5.5[ms]   15.5[ms]   10.0	table#1 table#19 table#19 table#2 table#3 table#3 table#3 table#3 table#15 table#3 table#15 table#3 table#15 table#3 table#15 table#3 table#17 table#3 table#3 table#3 table#3 table#3	Control	Notes
GM CHOR No.	US 3  Parameter Name  LFO Frequency LFO Depth Freedback Level Delay Offset  EQ Low Frequency EQ High Gain Dry Wet Balance EQ Mid Frequency EQ Mid Gain EQ Mid Width  Input Mode  US 4  Parameter Name  LFO Frequency LFO Depth Freedback Level Delay Offset  EQ Mid Gain EQ Mid Width  EQ Mid Gain EQ Mid Gain EQ Low Gain EQ High Gain Delay Offset  EQ Ligh Frequency EQ High Gain Dry Wet Balance EQ Mid Frequency EQ Mid Gain Input Mode  Parameter Name	C V I I	0 - 127 0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 14 - 54 52 - 76 10 - 120 0 - 1 0 - 127 0 - 127	Data Range	Defa  Defa  9  34  69  105  0  28  64  46  66  64  10  0  0  0  28  64  46  64  10  0  0  0  Defa  Defa  Defa  Defa  Defa  Defa  Defa	Display   Disp	table#1 table#19 table#17 table#27 table#3 table#3 table#3 table#3 table#3 table#3 table#15 table#1 table#11 table#17 table#3  See Table table#3	Control	Notes
GM CHOR No.	US 3  Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset  EQ Low Frequency EQ Low Gain EQ High Gain Dry,Wet Balance EQ Mid Width Input Mode  US 4  Parameter Name  LFO Frequency EL Ow Gain EQ High Gain Dry Met Pequency EQ Mid Gain EQ Mid Frequency EQ High Gain Dry Wet Balance EQ Mid Frequency EQ High Gain Dry Wet Balance EQ Mid Frequency EQ Mid Gain EQ Mid Width Input Mode  Parameter Name  LFO Frequency EQ Mid Gain EQ Mid Width Input Mode	C V I I  +	0 - 127 0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 14 - 54 52 - 76 10 - 120 0 - 1 0 - 127 0 - 127	Data Range	Defa  Defa  9  34  69  105  0  28  64  46  66  64  10  0  0  28  64  46  64  10  0  0  0  Defa  Defa  Defa  Defa  Defa  Defa	Display   O.38[Hz]   34   +5   15.5[ms]   5.5[ms]   5.5[ms]   15.5[ms]   10.0	table#1 table#19 table#19 table#2 table#3 table#3 table#3 table#3 table#15 table#3 table#15 table#3 table#15 table#3 table#15 table#3 table#17 table#3 table#3 table#3 table#3 table#3	Control	Notes
GM CHOR No.	US 3  Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset  EQ Low Frequency EQ Mid Gain Dry Wet Balance EQ Mid Frequency EQ Mid Gain EQ Mid Frequency EQ Mid Gain Dry Wet Balance EQ Mid Width  Input Mode  LFO Frequency LFO Depth Feedback Level Delay Offset EQ Low Gain EQ Mid Frequency EQ Mid Gain EQ Mid Width  LFO Frequency LFO Depth Feedback Level Delay Offset EQ Low Gain EQ High Gain Dry Wet Balance EQ Mid Gain EQ High Gain Dry Wet Balance EQ Mid Gain EQ High Gain Dry Wet Balance EQ Mid Frequency EQ Mid Gain EQ	C V I I  +	0 - 127 0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 14 - 54 52 - 76 10 - 120 0 - 1 0 - 127 0 - 120 0 - 1 0 - 127 0 - 127 0 - 127 0 - 127 0 - 120 0 - 1 0 - 127 0 - 127 0 - 127 0 - 120 0 - 1 0 - 1	Data Range	Defa  Defa  9  34  69  105  0  28  64  46  66  64  10  0  0  26  27  75  102  0  28  64  64  64  64  64  64  64  66  64  64  66  64  64  66  64  66  64  66  64  66  64  66  64  66  64  66  64  66  64  66  64  66  64  66  64  66  64  66  64  66  64  66  64  66  66  66  67  66  68  68  68  68  68	Display   Disp	table#1 table#19 table#19 table#2 table#3 table#3 table#3 table#3 table#15 table#3 table#15 table#3 table#15 table#3 table#15 table#3 table#17 table#3 table#3 table#15 table#3	Control	Notes
GM CHOR No	US 3  Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset EQ Low Frequency EQ High Frequency EQ High Gain Dry-Wet Balance EQ Mid Width Input Mode  LFO Frequency EQ Low Gain EQ High Gain Dry-Wet Balance EQ Mid Width Input Mode  LFO Frequency LFO Depth Feedback Level Delay Offset EQ Low Gain EQ Mid Width Input Mode  LFO Frequency LFO Depth Feedback Level Delay Offset EQ Mid Gain EQ Mid Width Input Mode  LFO Frequency EQ Low Gain EQ Mid Width Input Mode  LFO Frequency EQ Low Gain EQ Mid Width Input Mode  LFO Frequency LFO Depth Feedback Level Delay Offset  LFO Frequency LFO Depth Feedback Level Delay Offset  LFO Frequency LFO Depth Feedback Level Delay Offset  EQ Low Frequency EQ Low Gain EQ Mid Gain EQ Mid Width Input Mode	C V I I	0 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 1 - 120 0 - 120 0 - 127 0 - 127 1 - 120 0 - 127 0 - 127 0 - 127 1 - 120 0 - 127 1 - 127 0 - 127 1 - 120 0 - 127 1 - 127 0 - 127	Data Range	Defa  Defa  9  34  69  105  0  28  64  46  66  64  10  0  0  0  26  27  75  102  0  28  64  64  64  64  64  64  64  64  64  6	Display   O.88[Hz]   34   +5   500[Hz]   +0[dB]   +0[dB	table#1 table#19 table#19 table#2 table#3 table#3 table#3 table#3 table#3 table#15 table#3 table#15 table#3 table#15 table#3 table#15 table#3 table#17 table#3 table#17 table#3 table#17 table#3 table#17 table#3 table#17 table#3	Control	Notes
GM CHOR No.	US 3  Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset EQ Low Frequency EQ High Frequency EQ High Gain Dry-Wet Balance EQ Mid Width Input Mode  LFO Frequency EQ Low Gain EQ High Gain EQ High Gain EQ Mid Frequency EQ Mid Gain EQ Mid Width Input Mode  Service Service Service Service Service EQ Low Frequency EQ Low Gain EQ Life Gain EQ Mid Width Input Mode  Service Service Service Service Service EQ Low Frequency EQ High Frequency EQ Mid Width Input Mode  Service Service Service Service Service Service EQ Low Frequency EQ Mid Width Input Mode  Service S	C V I I	0 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 120 0 - 127 1 - 120 0 - 127	Data Range	Defa  Defa  9  34  69  105  0  28  64  46  66  64  40  0  0  0  Defa	Display   O.38[Hz]   34   +5   500[Hz] +0[dB]   1.0	table#1 table#19 table#3 table#15 table#3 table#17 table#3 table#3 table#17 table#3	Control	Notes
GM CHOR No.	US 3  Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset EQ Low Frequency EQ High Gain Dry-Wet Balance EQ Mid Width Input Mode  LFO Frequency EQ Low Gain EQ High Gain EQ High Gain EQ Mid Width Input Mode  LFO Frequency LFO Depth Feedback Level Delay Offset EQ Low Gain EQ High Gain Dry-Wet Balance EQ Mid Width Input Mode  STAND Frequency LFO Depth Feedback Level Delay Offset EQ Low Frequency EQ High Gain EQ Mid Width Input Mode  STAND Frequency EQ High Gain EQ Mid Width Input Mode  STAND Frequency EQ High Gain EQ Mid Width Input Mode  STAND Frequency EQ High Gain EQ Mid Width Input Mode  STAND Frequency EQ High Gain EQ Mid Width Input Mode  STAND Frequency EQ Low Frequency EQ High Gain Dry-Wet Balance EQ Mid Frequency EQ Low Edain EQ High Frequency EQ Low Edain EQ High Frequency EQ High Gain Dry-Wet Balance EQ Mid Frequency EQ Low Edain EQ High Frequency	C V I I	0 - 127   0 - 127   0 - 127   1 - 127   0 - 127   0 - 127   0 - 127   0 - 127   1 - 126   0 - 127   1 - 120   0 - 127   0 - 127   0 - 127   0 - 127   0 - 127   0 - 127   0 - 127   0 - 127   0 - 127   0 - 127   0 - 127   0 - 127   0 - 127   1 - 127   0 - 127   0 - 127   1 - 127   0 - 127   1 - 127   0 - 127   0 - 127   1 - 127   0 - 127   0 - 127   0 - 127   0 - 127   0 - 127   0 - 127   0 - 127   0 - 127   0 - 127   0 - 127   0 - 127   0 - 127   1 - 127   0 - 12	Data Range    Display	Defa  Defa  9  9  34  69  105  0  28  64  46  66  64  40  0  0  0  Defa  Defa  Defa  Defa  0  Defa  0  Defa  0  0  0  0  0  0  0  0  0  0  0  0  0	Display   O.38[Hz]   34   +5   500[Hz]   +0[dB]   +0[dB	table#1 table#19 table#19 table#3 table#3 table#3 table#3 table#3 table#3 table#15 table#3 table#15 table#3 table#15 table#3 table#15 table#3 table#17 table#3 table#3 table#17 table#3	Control	Notes
GM CHOR No.	US 3  Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset EQ Low Frequency EQ High Gain DbyWet Balance EQ Low Gain EQ High Gain Feedback Level Delay Offset  LFO Frequency EQ Mid Gain EQ Mid Frequency EQ Mid Gain EQ Mid Frequency EQ Mid Frequency EQ Mid Gain EQ Mid Frequency LFO Depth Feedback Level Delay Offset EQ Low Gain EQ High Gain DbyWet Balance EQ Mid Width  Imput Mode  Signature Frequency EQ High Gain EQ Mid Width  Imput Mode  LFO Frequency EQ High Frequency EQ Mid Gain EQ Mid Width  LFO Frequency LFO Depth Feedback Level Delay Offset  LFO Frequency EQ Low Gain EQ Mid Figurency EQ Low Gain EQ Mid Figurency EQ Low Gain EQ Mid Width  LFO Frequency EQ Low Gain EQ Mid Figurency EQ Low Gain EQ High Gain DbyWet Balance EQ High Gain EQ High Frequency EQ High Gain EQ High Gain EQ High Frequency EQ Mid Gain EQ Mid Frequency EQ Mid Gain EQ Mid Frequency EQ Mid Gain EQ Mid Frequency EQ Mid Gain	C V I I  +	0 - 127 0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 14 - 54 52 - 76 10 - 120 0 - 1 0 - 127 0 - 120 0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 1 - 127 0 - 127 1 - 127 1 - 127 0 - 127 1 - 127 0 - 127 0 - 127 1 - 127 0 -	Data Range    Display   Display	Defa  Defa  9  34  69  105  0  28  64  46  64  10  0  0  Defa  Def	Display   Disp	table#1 table#1 table#1 table#3 table#3 table#3 table#3 table#3 table#15 table#3  Lable#15 table#1 table#19 table#19 table#19 table#19 table#19 table#3 table#3 table#3 table#3 table#3 table#3 table#15 table#3 table#15 table#3 table#15 table#3	Control	Notes

CHORUS 4										
No.	Parameter Name	Opti	on V I		Data Range	Defa	ult Data	See Table	Control	Notes
1	LFO Frequency	+	V 1 + +	0 - 127	Display 0.00 ~ 39.7 [Hz]	9	Display 0.38[Hz]	table#1		
2	LFO Depth Feedback Level	+	+ +	0 - 127 1 - 127	0 ~ 127 -63 ~ +63	32 69	32 +5	table#19 table#17		
	Delay Offset		+ +	0 - 127	0.0 ~ 50.0 [ms]	104	14.4[ms]	table#2		
5	EQ Low Frequency	+	+ +	0 4 - 40(8 - 40)	- 32 ~ 2.0k(50 ~ 2.0k) [Hz]	0 28	500[Hz]	table#3		
7	EQ Low Gain		+ +	52 - 76	-12 ~ +12 [dB]	64	+0[dB]			
	EQ High Frequency EQ High Gain	+	+ + +	28 - 58 52 - 76	500 ~ 16.0k [Hz] -12 ~ +12 [dB]	46 64	4.0[kHz] +0[dB]	table#3		
10	Dry/Wet Balance EQ Mid Frequency	+	+ +	1 - 127 14 - 54	D63>W ~ D=W ~ D <w63 100 ~ 10.0k [Hz]</w63 	64 46	D=W 4.0[kHz]	table#15 table#3		
12	EQ Mid Gain	+	+ +	52 - 76	-12 ~ +12 [dB]	64	+0[dB]	table#3		
13 14	EQ Mid Width	+	+ +	10 - 120 0	1.0 ~ 12.0	10 0	1.0			
15	Input Mode	+	+ +	0 - 1	Mono,Stereo	1	Stereo			
16	i <sub> -</sub>			0	-	0	-			
CELESTE										T
No.	Parameter Name	Opti	V I		Data Range Display	Deta	ult Data Display	See Table	Control	Notes
1	LFO Frequency LFO Depth		- +	0 - 127 0 - 127	0.00 ~ 39.7 [Hz] 0 ~ 127	12	0.51[Hz]	table#1		
	Feedback Level		- +	0 - 127 1 - 127	-63 ~ +63	32 64	32 +0	table#19 table#17		
4	Delay Offset		- +	0 - 127 0	0.0 ~ 50.0 [ms]	0	0.0[ms]	table#2		
	EQ Low Frequency		- +	4 - 40(8 - 40)	32 ~ 2.0k(50 ~ 2.0k) [Hz]	28	500[Hz]	table#3		
	EQ Low Gain EQ High Frequency		- +	52 - 76 28 - 58	-12 ~ +12 [dB] 500 ~ 16.0k [Hz]	64 46	+0[dB] 4.0[kHz]	table#3		
9	EQ High Gain		- +	52 - 76	-12 ~ +12 [dB]	64	+0[dB]			
	Dry/Wet Balance EQ Mid Frequency	+	+ +	1 - 127 14 - 54	D63>W ~ D=W ~ D <w63 100 ~ 10.0k [Hz]</w63 	127 40	D <w63 2.0[kHz]</w63 	table#15 table#3		
12	EQ Mid Gain	+	+ +	52 - 76	-12 ~ +12 [dB]	68	+4[dB]			
13	EQ Mid Width	+	+ +	10 - 120 0	1.0 ~ 12.0	10 0	1.0			
15 16	Input Mode	+	+ +	0 - 1	Mono,Stereo	0	Mono			
	'			0	<u> -</u>	U	-		1	
CELESTE :	Parameter Name	Optio	on		Data Range	Defa	ult Data	See Table	Control	Notes
			V I		Display		Display		Control	11000
	LFO Frequency LFO Depth	-	-   +	0 - 127 0 - 127	0.00 ~ 39.7 [Hz] 0 ~ 127	28 18	1.18[Hz] 18	table#1 table#19		
3	Feedback Level	-	- +	1 - 127	-63 ~ +63	90	+26	table#17		
5	Delay Offset	-	-   +	0 - 127 0	0.0 ~ 50.0 [ms]	0	0.2[ms]	table#2		
	EQ Low Frequency	-	-   +	4 - 40(8 - 40)	32 ~ 2.0k(50 ~ 2.0k) [Hz] -12 ~ +12 [dB]	28 62	500[Hz]	table#3		
8	EQ Low Gain EQ High Frequency	-	- +	52 - 76 28 - 58	500 ~ 16.0k [Hz]	42	-2[dB] 2.5[kHz]	table#3		
ç	EQ High Gain Dry/Wet Balance	-	- +	52 - 76 1 - 127	-12 ~ +12 [dB] D63>W ~ D=W ~ D <w63< td=""><td>60 84</td><td>-4[dB] D<w20< td=""><td>table#15</td><td></td><td></td></w20<></td></w63<>	60 84	-4[dB] D <w20< td=""><td>table#15</td><td></td><td></td></w20<>	table#15		
11	EQ Mid Frequency	+	+ +	14 - 54	100 ~ 10.0k [Hz]	40	2.0[kHz]	table#13		
	EQ Mid Gain EQ Mid Width	+	+ +	52 - 76 10 - 120	-12 ~ +12 [dB] 1.0 ~ 12.0	68 10	+4[dB] 1.0			
14	<b>!</b> -	1		0	-	0	-			
15	Input Mode	+	+ +	0 - 1	Mono,Stereo	0	Mono			
16	i -			0	-	0	-			
16	'			0	-	0	-			
	'	Optio	on	0	Data Range		ult Data	See Table	Control	Notes
CELESTE No.	Parameter Name	Optio	on V I	-	Display	Defa	Display		Control	Notes
CELESTE : No.	Parameter Name  LFO Frequency LFO Depth	Optio	on V I - + - +	0 - 127 0 - 127	Display 0.00 ~ 39.7 [Hz] 0 ~ 127	Defa 4 63	Display 0.17[Hz] 63	table#1 table#19	Control	Notes
No.	Parameter Name  LFO Frequency LFO Depth Freedback Level	Optio	V I - + - +	0 - 127 0 - 127 1 - 127	Display  0.00 ~ 39.7 [Hz] 0 ~ 127 -63 ~ +63	Defa 4 63 44	Display 0.17[Hz] 63 -20	table#1 table#19 table#17	Control	Notes
No.	Parameter Name LFO Frequency LFO Depth Feedback Level Delay Offset	Optis	on V I - + - + - + - +	0 - 127 0 - 127 1 - 127 0 - 127 0	Display  0.00 ~ 39.7 [Hz]  0 ~ 127  -63 ~ +63  0.0 ~ 50.0 [ms]  -	Defa 4 63 44 2 0	Display 0.17[Hz] 63 -20 0.2[ms]	table#1 table#19 table#17 table#2	Control	Notes
No.	Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset	Optio	V I - + - +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 4 - 40(8 - 40)	Display  0.00 - 39.7 [Hz]  0 - 127  -63 - 463  0.0 - 50.0 [ms]  . 32 - 2.0k(50 - 2.0k) [Hz]	Defa 4 63 44 2 0 28	Display 0.17[Hz] 63 -20 0.2[ms] - 500[Hz]	table#1 table#19 table#17	Control	Notes
No.	Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset	Optio	V I - + - +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 4 - 40(8 - 40) 52 - 76 28 - 58	Display  0.00 - 39.7 [Hz] 0 - 127 0 - 127 3 - 543 0.0 - 503 [ms] - 2 - 2.0k(50 - 2.0k) [Hz] +12 - +12 [dB] 500 - 16.0k [Hz]	Defa  4 63 44 2 0 28 64 46	Display 0.17[Hz] 63 -20 0.2[ms] - 500[Hz] +0[dB] 4.0[kHz]	table#1 table#19 table#17 table#2	Control	Notes
No.	Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset	Optio	V I - + - +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 4 - 40(8 - 40) 52 - 76	Display  0.00 - 39.7 [Hz] 0 127 -63 - +63 0.0 - 50.0 [ms] -32 - 2.0k(50 - 2.0k) [Hz] -12 - +12 [dB] 500 - 16.0k [Hz] -12 - +12 [dB] D63-W - D=W - D <w63< td=""><td>Defa  4 63 44 2 0 28 64</td><td>Display 0.17[Hz] 63 -20 0.2[ms] - 500[Hz] +0[dB]</td><td>table#1 table#19 table#17 table#2 table#3</td><td>Control</td><td>Notes</td></w63<>	Defa  4 63 44 2 0 28 64	Display 0.17[Hz] 63 -20 0.2[ms] - 500[Hz] +0[dB]	table#1 table#19 table#17 table#2 table#3	Control	Notes
No.	Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset	Optis	V I - + - +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 28 - 58 52 - 76 28 - 58 52 - 76 1 - 127 14 - 54	Display  0.00 ~ 39.7 [Hz] 0 ~ 127 -63 ~ +63 0.0 ~ 50.0 [ms] - 32 ~ 2.0k(50 ~ 2.0k) [Hz] -12 ~ +12 [dB] 500 ~ 16.0k [Hz] -12 ~ +12 [dB] D63-W ~ D=W ~ D <w63 10.0k="" [hz]<="" i00="" td="" ~=""><td>Defa  4 63 44 2 0 28 64 46 68 127 40</td><td>Display 0.17[Hz] 63 -20 0.2[ms] - 500[Hz] +0[dB] 4.0[kHz] +4[dB] D<w63 2.0[kHz]</w63 </td><td>table#1 table#19 table#17 table#2 table#3</td><td>Control</td><td>Notes</td></w63>	Defa  4 63 44 2 0 28 64 46 68 127 40	Display 0.17[Hz] 63 -20 0.2[ms] - 500[Hz] +0[dB] 4.0[kHz] +4[dB] D <w63 2.0[kHz]</w63 	table#1 table#19 table#17 table#2 table#3	Control	Notes
16 CELESTE No.	Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset EQ Low Frequency EQ Light Frequency EQ High Gain Dry/Wet Balance EQ Mid Frequency EQ Mid Gain EQ Mid Gain EQ Mid Gain		V I - + - +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 4-40(8 - 40) 52 - 76 28 - 58 52 - 76 1 - 127 14 - 54 52 - 76 10 - 120	Display  0.00 - 39.7 [Hz] 0 127 -63 - +63 0.0 - 50.0 [ms] -32 - 2.0k(50 - 2.0k) [Hz] -12 - +12 [dB] 500 - 16.0k [Hz] -12 - +12 [dB] D63-W - D=W - D <w63< td=""><td>Defa  4  63  44  2  0  28  64  46  68  127  40  68  10</td><td>Display 0.17[Hz] 63 -20 0.2[ms] - 500[Hz] +0[dB] 4.0[kHz] +4[dB] D<w63< td=""><td>table#1 table#19 table#17 table#2 table#3 table#3</td><td>Control</td><td>Notes</td></w63<></td></w63<>	Defa  4  63  44  2  0  28  64  46  68  127  40  68  10	Display 0.17[Hz] 63 -20 0.2[ms] - 500[Hz] +0[dB] 4.0[kHz] +4[dB] D <w63< td=""><td>table#1 table#19 table#17 table#2 table#3 table#3</td><td>Control</td><td>Notes</td></w63<>	table#1 table#19 table#17 table#2 table#3 table#3	Control	Notes
16 CELESTE: No.  1 2 3 4 4 5 6 7 8 8 9 10 11 12 13	Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset  EQ Low Frequency EQ Low Gain EQ High Frequency EQ High Gain Dry/Wet Balance EQ Mid Gain EQ Mid Gain EQ Mid Gain EQ Mid Width		V I - + - + - + - + - + + + + + + +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 4 - 40(8 - 40) 52 - 76 28 - 58 52 - 76 1 - 127 14 - 54 52 - 76 10 - 120 0	Display  0 - 197 [Hz]  0 - 127  -63 - +63  0.0 - 50.0 [ms]  32 - 2.0k(50 - 2.0k) [Hz]  -12 - +12 [dB]  500 - 16.0k [Hz]  -12 - +12 [dB]  D63-W - D=W - D <w63 +12="" -="" -12="" 1.0="" 10.0k="" 100="" 12.0<="" [db]="" [hz]="" td=""><td>Defa  4 63 44 2 0 28 64 46 68 127 40 68 10 0</td><td>Display 0.17[Hz] 63 -20 0.2[ms] - 500[Hz] +0[dB] 4.0[kHz] +4[dB] D<w63 +4[db]="" 1.0<="" 2.0[khz]="" td=""><td>table#1 table#19 table#17 table#2 table#3 table#3</td><td>Control</td><td>Notes</td></w63></td></w63>	Defa  4 63 44 2 0 28 64 46 68 127 40 68 10 0	Display 0.17[Hz] 63 -20 0.2[ms] - 500[Hz] +0[dB] 4.0[kHz] +4[dB] D <w63 +4[db]="" 1.0<="" 2.0[khz]="" td=""><td>table#1 table#19 table#17 table#2 table#3 table#3</td><td>Control</td><td>Notes</td></w63>	table#1 table#19 table#17 table#2 table#3 table#3	Control	Notes
16 CELESTE: No.  1 2 3 4 4 5 6 7 8 8 9 10 11 12 13	Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset		V I - + - + - + - + - + + + + + + +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 4-40(8 - 40) 52 - 76 28 - 58 52 - 76 1 - 127 14 - 54 52 - 76 10 - 120	Display  0.00 - 39.7 [Hz] 0 127 -63 - 463 0.0 - 50.0 [ms] -32 - 2.0k(50 - 2.0k) [Hz] -12 - +12 [dB] 500 - 16.0k [Hz] -12 - +12 [dB] D633W - D=W - D <w63 +12="" -="" -12="" 10.0k="" 100="" [db]<="" [hz]="" td=""><td>Defa  4  63  44  2  0  28  64  46  68  127  40  68  10</td><td>Display 0.17[Hz] 63 -20 0.2[ms] - 500[Hz] +0[dB] 4.0[kHz] +4[dB] D<w63 +4[db]<="" 2.0[khz]="" td=""><td>table#1 table#19 table#17 table#2 table#3 table#3</td><td>Control</td><td>Notes</td></w63></td></w63>	Defa  4  63  44  2  0  28  64  46  68  127  40  68  10	Display 0.17[Hz] 63 -20 0.2[ms] - 500[Hz] +0[dB] 4.0[kHz] +4[dB] D <w63 +4[db]<="" 2.0[khz]="" td=""><td>table#1 table#19 table#17 table#2 table#3 table#3</td><td>Control</td><td>Notes</td></w63>	table#1 table#19 table#17 table#2 table#3 table#3	Control	Notes
16 CELESTE : No.	Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset		V I - + - + - + - + - + + + + + + +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 4.40(8.40) 52 - 76 28 - 58 52 - 76 1 - 127 14 - 54 52 - 76 10 - 120 0	Display  0 - 197 [Hz]  0 - 127  -63 - +63  0.0 - 50.0 [ms]  32 - 2.0k(50 - 2.0k) [Hz]  -12 - +12 [dB]  500 - 16.0k [Hz]  -12 - +12 [dB]  D63-W - D=W - D <w63 +12="" -="" -12="" 1.0="" 10.0k="" 100="" 12.0<="" [db]="" [hz]="" td=""><td>Defa 4 63 44 2 0 28 64 46 68 127 40 0 0 0</td><td>Display 0.17[Hz] 63 -20 0.2[ms] -500[Hz] +0[dB] 4.0[kHz] +4[dB] D<w63 +4[db]="" -="" 1.0="" 2.0[khz]="" mono<="" td=""><td>table#1 table#19 table#17 table#2 table#3 table#3</td><td>Control</td><td>Notes</td></w63></td></w63>	Defa 4 63 44 2 0 28 64 46 68 127 40 0 0 0	Display 0.17[Hz] 63 -20 0.2[ms] -500[Hz] +0[dB] 4.0[kHz] +4[dB] D <w63 +4[db]="" -="" 1.0="" 2.0[khz]="" mono<="" td=""><td>table#1 table#19 table#17 table#2 table#3 table#3</td><td>Control</td><td>Notes</td></w63>	table#1 table#19 table#17 table#2 table#3 table#3	Control	Notes
16 CELESTE: No.  1 2 3 5 6 7 8 9 10 11 12 13 14 15	Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset	+ + + + + + + Optis	V I - + - + - + - + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 4.40(8.40) 52 - 76 28 - 58 52 - 76 1 - 127 14 - 54 52 - 76 10 - 120 0	Display  0.00 - 39.7 [Hz] 0 127 -63 - 463 0.0 - 50.0 [ms] -32 - 2.0k(50 - 2.0k) [Hz] -12 - +12 [dB] 500 - 16.0k [Hz] -12 - +12 [dB] D63-W - DW - D <w63 +12="" -="" -10="" -10.0k="" -12="" 10.0k="" 100="" 12.0="" [db]="" [hz]="" d63-w="" d<w63="" data="" dw="" mono.stereo="" range<="" td=""><td>Defa 4 63 44 2 0 28 64 46 68 127 40 0 0 0</td><td>Display 0.17[Hz] 63 -20 0.2[ms] +0[dB] 4.0[kHz] +4[dB] D&gt;W63 2.0[kHz] +4[dB] 1.0 - Mono</td><td>table#1 table#19 table#17 table#2 table#3 table#3</td><td>Control</td><td>Notes Notes</td></w63>	Defa 4 63 44 2 0 28 64 46 68 127 40 0 0 0	Display 0.17[Hz] 63 -20 0.2[ms] +0[dB] 4.0[kHz] +4[dB] D>W63 2.0[kHz] +4[dB] 1.0 - Mono	table#1 table#19 table#17 table#2 table#3 table#3	Control	Notes Notes
CELESTE   No.	Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset  EQ Low Frequency EQ Lip High Frequency EQ High Frequency EQ High Frequency EQ High Gain Dry/Wet Balance EQ Mid Gain EQ Mid Width  Imput Mode  Parameter Name	+ + + + + + + +	V I - + - + - + - + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 4 - 40(8 - 40) 52 - 76 28 - 58 52 - 76 1 - 127 14 - 54 52 - 76 10 - 120 0 - 1 0	Display  0.00 - 39.7 [Hz] 0 127 -63 - 463 0.0 - 50.0 [ms] -32 - 2.0k(50 - 2.0k) [Hz] -12 - +12 [dB] 500 - 16.0k [Hz] -12 - +12 [dB] D63-W - DW - D <w63 +12="" -="" -12="" 0.00="" 1.0="" 10.0k="" 100="" 12.0="" 39.7="" [db]="" [hz]="" [hz]<="" data="" display="" mono.stereo="" range="" td=""><td>Defa 4 63 44 2 0 28 64 46 68 127 40 0 0 0 Defa 8</td><td>Display 0.17[Hz] 63 -20 0.2[ms] -500[Hz] +0[dB] 4.0[kHz] +4[dB] D<w63 +4[db]="" -="" 0.34[hz]<="" 1.0="" 2.0[khz]="" data="" display="" mono="" td="" ult=""><td>table#1 table#19 table#19 table#17 table#2 table#3 table#3 table#3 table#3 table#3 table#15</td><td></td><td></td></w63></td></w63>	Defa 4 63 44 2 0 28 64 46 68 127 40 0 0 0 Defa 8	Display 0.17[Hz] 63 -20 0.2[ms] -500[Hz] +0[dB] 4.0[kHz] +4[dB] D <w63 +4[db]="" -="" 0.34[hz]<="" 1.0="" 2.0[khz]="" data="" display="" mono="" td="" ult=""><td>table#1 table#19 table#19 table#17 table#2 table#3 table#3 table#3 table#3 table#3 table#15</td><td></td><td></td></w63>	table#1 table#19 table#19 table#17 table#2 table#3 table#3 table#3 table#3 table#3 table#15		
CELESTE   No.	Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset  EQ Low Frequency EQ Low Gain EQ High Frequency EQ High Gain Dry/Wet Balance EQ Mid Frequency EQ Mid Width Input Mode  Parameter Name  LFO Frequency		V I	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 28 - 58 52 - 76 1 - 127 1 - 129 0 - 1 0 0 - 1 0 0 - 1 0 - 127	Display  0 - 127  -63 - 463  0.0 - 50.0 [ms]  -12 - 12.0 k(50 - 2.0 k) [Hz]  -12 - 12 [dB]  500 - 16.0 k [Hz]  -12 - +12 [dB]  -12 - +12 [dB]  -12 - +12 [dB]  -13 - 2.0 k(50 - 2.0 k) [Hz]  -12 - +12 [dB]  -12 - +12 [dB]  -12 - +12 [dB]  -10 - 1.0 k [Hz]  -1 - +12 [dB]  -1 - 12 0  -1 -	Defa  4 63 44 2 0 88 127 40 0 0 Defa 88 29	Display 0.17[Hz] 63 -20 0.2[ms] 500[Hz] +0[dB] 4.0[kHz] +4[dB] D <w63 +4[db]="" -="" 0.34[hz]="" 1.0="" 2.0[khz]="" 29<="" data="" display="" mono="" td="" unit=""><td>table#1 table#19 table#19 table#17 table#2 table#3 table#3 table#3 table#3  Lable#3  Lable#3 Lable#3</td><td></td><td></td></w63>	table#1 table#19 table#19 table#17 table#2 table#3 table#3 table#3 table#3  Lable#3  Lable#3 Lable#3		
CELESTE   No.	Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset  EQ Low Frequency EQ Lip High Frequency EQ High Frequency EQ High Frequency EQ High Gain Dry/Wet Balance EQ Mid Gain EQ Mid Width  Imput Mode  Parameter Name	C	V I - + - + - + - + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 28 - 58 52 - 76 1 - 127 14 - 54 52 - 76 10 - 120 0 - 1 0 0 - 1 0 0 - 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  0.00 - 39.7 [Hz] 0 127 -63 - 463 0.0 - 50.0 [ms] -32 - 2.0k(50 - 2.0k) [Hz] -12 - +12 [dB] 500 - 16.0k [Hz] -12 - +12 [dB] D63-W - DW - D <w63 +12="" -="" -12="" 0.00="" 1.0="" 10.0k="" 100="" 12.0="" 39.7="" [db]="" [hz]="" [hz]<="" data="" display="" mono.stereo="" range="" td=""><td>Defa  4 63 44 2 0 88 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>Display 0.17[Hz] 63 -20 0.2[ms] -500[Hz] +0[dB] 4.0[kHz] +4[dB] D<w63 +4[db]="" -="" 0.34[hz]<="" 1.0="" 2.0[khz]="" data="" display="" mono="" td="" ult=""><td>table#1 table#19 table#19 table#17 table#2 table#3 table#3 table#3 table#3 table#3 table#15</td><td></td><td></td></w63></td></w63>	Defa  4 63 44 2 0 88 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display 0.17[Hz] 63 -20 0.2[ms] -500[Hz] +0[dB] 4.0[kHz] +4[dB] D <w63 +4[db]="" -="" 0.34[hz]<="" 1.0="" 2.0[khz]="" data="" display="" mono="" td="" ult=""><td>table#1 table#19 table#19 table#17 table#2 table#3 table#3 table#3 table#3 table#3 table#15</td><td></td><td></td></w63>	table#1 table#19 table#19 table#17 table#2 table#3 table#3 table#3 table#3 table#3 table#15		
CELESTE No. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset  EQ Low Frequency EQ Low Gain EQ High Frequency EQ High Frequency EQ High Gain Dry/Wet Balance EQ Mid Gain EQ Mid Gain EQ Mid Gain House Wet Wet Wet Wet Wet Wet Wet Wet Wet We	C	V I - + + - + + + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 4 - 40(8 - 40) 52 - 76 28 - 58 52 - 76 10 - 127 0 0 0 - 1 0 0 - 127 0 - 127 0 - 127 1 - 127	Display  0.00 - 39.7 [Hz] 0 127 -63 - 463 0.0 - 50.0 [ms] -12 - 12.0 [Ms] -12 - 12.0 [Ms] -12 - 12.0 [Ms] -12 - 12.0 [Ms] -13 - 2.0 [Ms] -14 - 14.0 [Ms] -15 - 16.0 [Ms] -15 - 16.0 [Ms] -12 - 12.0 [Ms] -12 - 12.0 [Ms] -13 - 12.0 [Ms] -14 - 12.0 [Ms] -15 - 15 [Ms] -16 - 17 [Ms] -17 [Ms] -18 [Ms] -1	Defa  4 63 44 2 0 28 64 46 68 81 10 0 0 Defa  8 29 64 0 0 0	Display 0.17[Hz] 63 -20 0.2[ms] 500[Hz] +0[dB] 4.0[kHz] +4[dB] D <w63 +0="" +4[db]="" -="" 0.0[ms]<="" 0.34[hz]="" 1.0="" 2.0[khz]="" 29="" display="" mono="" td=""><td>table#1 table#19 table#19 table#17 table#2 table#3 table#3 table#3 table#3 table#15 table#3</td><td></td><td></td></w63>	table#1 table#19 table#19 table#17 table#2 table#3 table#3 table#3 table#3 table#15 table#3		
CELESTE No.	Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset  EQ Low Frequency EQ Low Gain EQ High Frequency EQ High Gain DryWet Balance EQ Mid Gain EQ Mid Gain EQ Mid Gain House Mid Width Input Mode  4  Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset  EQ Low Frequency LFO Depth Feedback Level Delay Offset  EQ Low Frequency	C: + + + + + + + + +	V I I - + + - + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 28 - 58 52 - 76 10 - 120 0 - 1 0 - 127 0 - 127	Display	Defa  4 63 44 2 0 28 64 46 68 81 127 40 0 0 0  Defa 8 29 64 0 0 0 28 8 64	Display 0.17[Hz] 63 -20 0.2[ms] 500[Hz] +0[dB] 4.0[kHz] +4[dB] D <w63 +0="" +0[db]<="" -="" -500[hz]="" 0.0[ms]="" 0.34[hz]="" 1.0="" 2.0[khz]="" 29="" display="" mono="" td=""><td>table#1 table#17 table#17 table#17 table#3 table#3 table#3 table#3 table#3 table#3 table#15 table#3  See Table table#1 table#1 table#1 table#1 table#2 table#3</td><td></td><td></td></w63>	table#1 table#17 table#17 table#17 table#3 table#3 table#3 table#3 table#3 table#3 table#15 table#3  See Table table#1 table#1 table#1 table#1 table#2 table#3		
CELESTE   No.	Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset EQ Low Frequency EQ Low Gain EQ High Frequency EQ High Gain Dry/Wet Balance EQ Mid Frequency EQ Mid Width Input Mode  Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset EQ Low Gain EQ High Frequency EQ Mid Frequency EQ Mid Frequency EQ Mid Frequency EQ Mid Frequency EQ Low Gain EQ Mid Frequency EQ Low Gain EQ High Frequency EQ Low Gain EQ High Frequency	C: + + + + + + + + +	V I - + + - + + + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 28 - 58 52 - 76 1 - 127 1 - 129 0 0 - 1 0 0 - 1 0 0 - 127 0 - 127 1 - 127 0 - 127	Display  0.00 - 39.7 [Hz] 0 - 127 3 - 263 0.0 - 50.0 [ms] 32 - 2.0k(50 - 2.0k) [Hz] 412 - 412 [dB] 500 - 16.0k [Hz] 412 - 412 [dB] 503.W - D=W - D <w63 -="" 0="" 0.00="" 1.0="" 10.0k="" 100="" 12.0="" 127="" 16.0k="" 2.0k="" 3.0="" 32="" 39.7="" 412="" 50.0="" 500="" [db]="" [hz]="" [hz]<="" [ms]="" data="" display="" mono.stereo="" range="" td=""><td>Defa  4 63 44 2 0 28 64 46 68 127 40 0 0 0 Defa  8 8 29 64 0 0 0 28 64 51</td><td>Display 0.17[Hz] 63 -20 0.2[ms] -500[Hz] +0[dB] 4.0[kHz] +4[dB] D&lt;\u00e4663 2.0[kHz] +4[dB] 1.0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0</td><td>table#1 table#19 table#19 table#17 table#2 table#3 table#3 table#3 table#3 table#15 table#3</td><td></td><td></td></w63>	Defa  4 63 44 2 0 28 64 46 68 127 40 0 0 0 Defa  8 8 29 64 0 0 0 28 64 51	Display 0.17[Hz] 63 -20 0.2[ms] -500[Hz] +0[dB] 4.0[kHz] +4[dB] D<\u00e4663 2.0[kHz] +4[dB] 1.0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0	table#1 table#19 table#19 table#17 table#2 table#3 table#3 table#3 table#3 table#15 table#3		
CELESTE No.	Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset EQ Low Frequency EQ High Gain Dry/Wet Balance EQ Mid Frequency EQ Mid Width Input Mode  Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset EQ Mid Frequency EQ Mid Frequency EQ Mid Sin EQ Mid Frequency EQ Mid Gain EQ Mid Frequency EQ Mid Sin EQ Mid Frequency EQ Mid Sin EQ Mid Frequency EQ Mid Frequency LFO Depth Feedback Level Delay Offset EQ Low Gain EQ Low Gain EQ Ligh Frequency EQ Ligh Gain Dry/Wet Balance	C: + + + + + + + + +	V I I - + + - + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 28 - 58 52 - 76 1 - 127 1 - 129 0 0 - 1 0 0 - 1 0 0 - 127 0 - 127	Display  0.00 - 39.7 [Hz] 0 127 -63 - +63 0.0 - 50.0 [ms] -32 - 2.0k(50 - 2.0k) [Hz] -12 - +12 [dB] 500 - 16.0k [Hz] -12 - +12 [dB] 1.0 - 10.0k [Hz] -12 - +12 [dB] 1.0 - 12.0  Mono.Stereo  Data Range  Display  Display  0.00 - 39.7 [Hz] 0 127 -63 - +63 0.0 - 50.0 [ms] -32 - 2.0k [Hz] -12 - +12 [dB] 500 - 16.0k [Hz] -12 - +12 [dB] 5053-W - D=W - D <w63< td=""><td>Defa  4 63 44 2 0 28 64 46 68 127 40 0 0 0 Defa   Defa  8 8 29 64 0 0 0 28 64 51 66 62 67</td><td>Display 0.17[Hz] 63 -20 0.2[ms] -500[Hz] +0[dB] 4.0[kHz] +4[dB] D<w63 +0[db]="" +2[db]="" +4[db]="" -="" -500[hz]="" -70[khz]="" 0.34[hz]="" 1.0="" 2.0[khz]="" d<w63<="" data="" display="" mono="" td="" ult=""><td>table#1 table#19 table#17 table#3 table#3 table#3 table#3 table#3 table#3 table#3 table#15 table#3 table#15 table#1 table#17 table#2 table#3 table#3 table#3 table#3 table#3</td><td></td><td></td></w63></td></w63<>	Defa  4 63 44 2 0 28 64 46 68 127 40 0 0 0 Defa   Defa  8 8 29 64 0 0 0 28 64 51 66 62 67	Display 0.17[Hz] 63 -20 0.2[ms] -500[Hz] +0[dB] 4.0[kHz] +4[dB] D <w63 +0[db]="" +2[db]="" +4[db]="" -="" -500[hz]="" -70[khz]="" 0.34[hz]="" 1.0="" 2.0[khz]="" d<w63<="" data="" display="" mono="" td="" ult=""><td>table#1 table#19 table#17 table#3 table#3 table#3 table#3 table#3 table#3 table#3 table#15 table#3 table#15 table#1 table#17 table#2 table#3 table#3 table#3 table#3 table#3</td><td></td><td></td></w63>	table#1 table#19 table#17 table#3 table#3 table#3 table#3 table#3 table#3 table#3 table#15 table#3 table#15 table#1 table#17 table#2 table#3 table#3 table#3 table#3 table#3		
CELESTE No.	Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset	C	V I	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 28 - 58 52 - 76 1 - 127 14 - 54 52 - 76 10 - 120 0 - 1 0 - 127 0 - 127 1 - 127 1 - 127 0 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 1 - 127	Display	Defa  4 63 44 2 0 28 64 46 68 127 40 0 0 Defa  Defa  8 8 29 64 0 0 0 28 64 127 40 66 68 68 68 68 68 68 68 68 68 68 68 68	Display 0.17[Hz] 63 -20 0.2[ms] -500[Hz] +0[dB] 4.0[kHz] +4[dB] D <w63 +4[db]="" -="" 1.0="" 2.0[khz]="" mono<="" td=""><td>table#1 table#17 table#17 table#17 table#3 table#3 table#3 table#3 table#3 table#3 table#15 table#1 table#11 table#11 table#11 table#11 table#14 table#3 table#3</td><td></td><td></td></w63>	table#1 table#17 table#17 table#17 table#3 table#3 table#3 table#3 table#3 table#3 table#15 table#1 table#11 table#11 table#11 table#11 table#14 table#3 table#3		
CELESTE No.	Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset  EQ Low Frequency EQ Low Gain EQ High Frequency EQ Mid Gain Dry Wet Balance EQ Mid Fequency EQ Mid Gain EQ Mid Width  Input Mode  Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset  LFO Frequency EQ Mid Gain EQ Mid Fequency EQ Mid Gain EQ Mid Width  LFO Frequency LFO Depth Feedback Level Delay Offset EQ Low Fequency EQ Low Gain EQ High Frequency EQ Ligh Frequency EQ High Gain Dry/Wet Balance EQ Mid Frequency EQ Mid Gain EQ Mid Gain EQ Mid Gain	C	V I - + + - + + + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 28 - 58 52 - 76 1 - 127 1 - 120 0 - 120 0 - 1 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 0 - 127 1 - 127 1 - 127 0 - 127 1	Display  0.00 − 39.7 [Hz]  0.− 127  -63 − 463  0.0 − 50.0 [ms]  32 − 2.0k(50 − 2.0k) [Hz]  -12 − 112 [dB]  500 − 16.0k [Hz]  -12 − 12 [dB]  D63-W − D−W − D <w63 (k[z]="" -="" -12="" -2.0="" -63="" 0.0="" 0.00="" 0.10="" 0.−="" 1.0="" 10.0k="" 100="" 12="" 12.0="" 127="" 16.0k="" 39.7="" 463="" 50.0="" 500="" [db]="" [hz]="" [ms]="" data="" display="" mono.stereo="" range="" td="" −="" −<=""><td>Defa  4 63 44 2 0 88 64 46 68 127 40 68 10 0 0 Defa  8 8 29 64 51 66 68 127 40 68 68</td><td>Display 0.17[itz] 0.17[itz] 0.2[ms] 500[Hz] +0(dB] 4.0[kHz] +4(dB] D<w63 +0="" +0(db]="" +2[db]="" +4[db]="" 0.0[ms]="" 0.34[hz]="" 1.0="" 2.0[khz]="" 2.0[khz]<="" 29="" 7.0[khz]="" d<w63="" display="" mono="" td=""><td>table#1 table#19 table#17 table#3 table#3 table#3 table#3 table#3 table#3 table#3 table#15 table#3 table#15 table#1 table#17 table#2 table#3 table#3 table#3 table#3 table#3</td><td></td><td></td></w63></td></w63>	Defa  4 63 44 2 0 88 64 46 68 127 40 68 10 0 0 Defa  8 8 29 64 51 66 68 127 40 68 68	Display 0.17[itz] 0.17[itz] 0.2[ms] 500[Hz] +0(dB] 4.0[kHz] +4(dB] D <w63 +0="" +0(db]="" +2[db]="" +4[db]="" 0.0[ms]="" 0.34[hz]="" 1.0="" 2.0[khz]="" 2.0[khz]<="" 29="" 7.0[khz]="" d<w63="" display="" mono="" td=""><td>table#1 table#19 table#17 table#3 table#3 table#3 table#3 table#3 table#3 table#3 table#15 table#3 table#15 table#1 table#17 table#2 table#3 table#3 table#3 table#3 table#3</td><td></td><td></td></w63>	table#1 table#19 table#17 table#3 table#3 table#3 table#3 table#3 table#3 table#3 table#15 table#3 table#15 table#1 table#17 table#2 table#3 table#3 table#3 table#3 table#3		
CELESTE No.	Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset  EQ Low Frequency EQ Low Gain EQ High Gain Dry.Wet Balance EQ Mid Vidth	C	V I	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 28 - 58 52 - 76 1 - 127 1 - 120 0 - 1 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 1 - 127 1 - 127 1 - 127 1 - 127 1 - 127 0 - 127 0 - 127 0 - 127 1 - 127 1 - 127 1 - 127 1 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 1 - 127 0 - 127 0 - 0 - 1	Display	Defa  4 63 44 2 0 88 64 46 68 127 68 10 0 0  Defa  8 8 9 64 64 51 66 127 40 68 10 0 0 1	Display 0.17[Hz] 63 -20 0.2[ms] -500[Hz] +0[dB] 4.0[kHz] +4[dB] D <w63 +4[db]="" -="" 1.0="" 2.0[khz]="" mono<="" td=""><td>table#1 table#19 table#17 table#3 table#3 table#3 table#3 table#3 table#3 table#3 table#15 table#3 table#15 table#1 table#17 table#2 table#3 table#3 table#3 table#3 table#3</td><td></td><td></td></w63>	table#1 table#19 table#17 table#3 table#3 table#3 table#3 table#3 table#3 table#3 table#15 table#3 table#15 table#1 table#17 table#2 table#3 table#3 table#3 table#3 table#3		
CELESTE No.	Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset  EQ Low Frequency EQ Low Gain EQ High Gain Dry,Wet Balance EQ Mid Frequency EQ Mid Width  Input Mode  Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset  EQ Mid Frequency EQ Mid Frequency EQ Mid Founce EQ Mid Sian EQ Mid Frequency EQ Mid Width  LFO Frequency LFO Depth Feedback Level Delay Offset EQ Low Gain EQ High Frequency EQ Ligh Gain Dry,Wet Balance EQ Mid Frequency EQ Mid Gain Dry Wet Balance EQ Mid Frequency EQ Mid Gain Input Mode	C	V I	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 1 - 120 0 - 1 - 120 0 - 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 1 -	Display	Defa  4 63 44 2 0 8 64 468 127 40 0 0 0  Defa 8 8 29 64 0 0 0 28 64 61 10 68 61 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display 0.17[Hz] 3 -20 0.2[ms] -500[Hz] +0[dB] 4.0[kHz] +4[dB] D <w63 +4[db]="" -="" 1.0="" 2.0[khz]="" mono<="" td=""><td>table#1 table#19 table#17 table#3 table#3 table#3 table#3 table#3 table#3 table#3 table#15 table#3 table#15 table#1 table#17 table#2 table#3 table#3 table#3 table#3 table#3</td><td></td><td></td></w63>	table#1 table#19 table#17 table#3 table#3 table#3 table#3 table#3 table#3 table#3 table#15 table#3 table#15 table#1 table#17 table#2 table#3 table#3 table#3 table#3 table#3		
CELESTE No. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset	C	V I - + - + + + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 28 - 58 52 - 76 1 - 127 1 - 120 0 - 1 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 1 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 1 - 127 0 - 127 0 - 0 - 1	Display	Defa  4 63 44 2 0 8 64 468 127 40 0 0 0  Defa  8 29 64 64 68 10 0 0 0 1 1 0 1	Display 0.17[Hz] 0.17[Hz] 1.20 0.2[ms] -20 0.2[ms] -500[Hz] +0[dB] +0[dB] +4[dB] D <w63 +4[db]="" -1="" -1<="" -mono="" 1.0="" 2.0[khz]="" td=""><td>table#1 table#19 table#17 table#2 table#3 table#15 table#1 table#19 table#2 table#3 table#3 table#3</td><td>Control</td><td>Notes</td></w63>	table#1 table#19 table#17 table#2 table#3 table#15 table#1 table#19 table#2 table#3 table#3 table#3	Control	Notes
CELESTE No. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset EQ Low Frequency EQ Low Gain EQ High Frequency EQ High Gain Dry, Wet Balance EQ Mid Gain EQ Mid Width Input Mode  Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset EQ Low Gain EQ Mid Width Input Mode	C + + + + + + +	V I - + - + + + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 28 - 58 52 - 76 11 - 127 14 - 54 52 - 76 10 - 120 0 - 1 0 - 127 0 - 127 1 - 127 1 - 127 0 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 1 - 127 1 - 127 0 - 127	Display	Defa  4 63 44 2 0 28 64 46 68 127 40 0 0 0  Defa  8 29 64 0 0 0 0 0 Defa 68 10 0 0 0 Defa 10 Defa 10 Defa	Display  0.17[Hz] 0.17[Hz] 1.00 0.2[ms] 500[Hz] +0[dB] +0[dB] +0[dB] +4[dB] D <w63 +4[db]="" -mono<="" 1.0="" 2.0[khz]="" td=""><td>table#1 table#17 table#17 table#17 table#3 table#15 table#3 table#3 table#3 table#3 table#3 table#3</td><td></td><td></td></w63>	table#1 table#17 table#17 table#17 table#3 table#15 table#3 table#3 table#3 table#3 table#3 table#3		
CELESTE No.	Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset EQ Low Frequency EQ Hand Gain Dry/Wet Balance EQ Mid Width Input Mode  Parameter Name  LFO Frequency EQ Mid Frequency EQ Mid Frequency EQ Mid Width Input Mode  Parameter Name  LFO Frequency EQ Low Gain EQ Mid Frequency EQ Mid Frequency EQ Mid Width Input Mode  Parameter Name  LFO Frequency EQ Low Gain EQ Low Gain EQ Low Gain EQ High Frequency EQ Low Gain EQ High Frequency EQ Low Gain EQ Mid Width Input Mode  Parameter Name	C + + + + + + +	V I I - + + + + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 1 - 127 0 - 127 0 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127	Display	Defa  4 63 44 2 0 88 127 40 68 10 0 0 0 Defa 8 8 29 64 40 60 10 0 0 0 Defa 11 14	Display 0.17[Hz] 0.17[Hz] 1.20 0.2[ms] -20 0.2[ms] -500[Hz] +0[dB] 1.0  -500[Hz] +4[dB] 1.0 -500[Hz] -500[Hz] -500[Hz] -600 -600 -600 -600 -600 -600 -600 -60	table#1 table#19 table#19 table#2 table#3 table#3 table#3 table#3 table#15 table#3 table#15 table#3 table#15 table#3 table#15 table#3 table#15 table#3 table#15 table#3	Control	Notes
CELESTE No. 11 12 13 14 15 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset EQ Low Frequency EQ High Gain Dry/Wet Balance EQ Mid Width Input Mode  Parameter Name  LFO Frequency EQ Low Gain EQ High Gain Dry/Wet Balance EQ Mid Frequency EQ Mid Gain EQ Mid Frequency EQ Mid Frequency EQ Mid Gain EQ Mid Frequency EQ Mid Frequency EQ Mid Gain EQ Mid Frequency EQ Low Gain EQ Mid Frequency EQ Low Gain EQ High Frequency EQ Low Gain EQ High Frequency EQ Low Gain EQ Mid Gain EQ Mid Width Input Mode  Parameter Name  LFO Frequency EQ Mid Gain EQ Mid Width Input Mode	C + + + + + + +	V I I - + + + + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 1 - 127	Display	Defa  4 63 44 2 0 28 64 468 810 0 0 0 Defa 8 8 64 60 10 0 0 0 0 Defa 11 14 14 14 104	Display 0.17[Hz] 0.17[Hz] 0.20 0.2[ms] -20 0.2[ms] -500[Hz] +0[dB] 1.0  +4[dB] 1.0 - Mono - Display 0.34[Hz] 29 +0 0.0[ms] 500[Hz] +0[dB] 7.0[kHz] +2[dB] -20 -30[kHz] -4[dB] -30[kHz] -4[dB] -30[kHz] -4[dB] -500[Hz] -500[Hz] -500[Hz] -6[dB] -7.0[kHz]	table#1 table#19 table#19 table#17 table#2 table#3 table#3 table#3 table#15 table#3 table#15 table#3 table#15 table#3 table#15 table#3 table#16 table#1 table#11 table#19 table#15	Control	Notes
CELESTE No. 11 12 13 14 15 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset EQ Low Frequency EQ Low Gain EQ High Frequency EQ High Gain Dry Wet Balance EQ Mid Frequency EQ Mid Width Input Mode  4  Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset EQ Low Gain EQ Mid Width Input Mode  4  Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset EQ Low Gain EQ High Gain Dry/Wet Balance EQ High Gain Dry/Wet Balance EQ High Gain Dry/Wet Balance EQ Mid Frequency EQ Mid Gain EQ Mid Frequency EQ Mid Gain Input Mode  Parameter Name	C + + + + + + +	V I I - + + + + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 1 - 127 1 - 120 0 - 120 0 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 1 -	Display	Defa  4 63 44 2 0 8 64 46 68 127 40 68 10 0 0 0  Defa  8 9 64 40 0 1 0 0 1 0 0  Defa  Defa  Defa  Defa	Display  0.17[Hz] 0.17[Hz] 1.0 0.2[ms] 500[Hz] +0[dB] +0[dB] +10[Hz] +4[dB] D <w63 +4[db]="" -mono<="" 1.0="" 2.0[khz]="" td=""><td>table#1 table#17 table#17 table#17 table#3 table#3 table#3 table#3 table#3 table#3 table#3 table#3 table#3  See Table table#1 table#19 table#3 table#3 table#3 table#3 table#3 table#3</td><td>Control</td><td>Notes</td></w63>	table#1 table#17 table#17 table#17 table#3 table#3 table#3 table#3 table#3 table#3 table#3 table#3 table#3  See Table table#1 table#19 table#3 table#3 table#3 table#3 table#3 table#3	Control	Notes
CELESTE No. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset EQ Low Frequency EQ High Gain Dry Wet Balance EQ Mid Frequency EQ Mid Gain EQ Mid Width Input Mode  Parameter Name  LFO Frequency EQ Low Gain EQ Mid Width EQ Mid Width Input Mode  Parameter Name  LFO Frequency EQ Low Gain EQ Low Gain EQ Mid Width Input Mode  Parameter Name  LFO Frequency EQ Low Gain EQ High Gain DryWet Balance EQ Mid Frequency EQ Mid Gain EQ High Frequency EQ Mid Gain EQ High Gain DryWet Balance EQ Mid Width Input Mode  Parameter Name	C + + + + + + +	V I I - + + + + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 1 - 127 1 - 120 0 - 1 - 120 0 - 1 - 120 0 - 1 - 127 1 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 1 - 127 0 - 127 1 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 0 - 128 0 - 128	Display	Defa  4 63 44 2 0 88 64 46 68 127 40 68 10 0 0 0  Defa 8 8 64 51 66 68 10 0 0 0 0 0  Defa 14 14 104 2 0 2 8	Display  0.17[Hz] 0.17[Hz] 0.2[ms] 500[Hz] 40[Rh] 4.0[Rhz] 4.0[Rhz] 4.10[Rhz] 4.10[Rhz] 1.0	table#1 table#19 table#19 table#17 table#2 table#3 table#3 table#3 table#15 table#3 table#15 table#3 table#15 table#3 table#15 table#3 table#16 table#1 table#11 table#19 table#15	Control	Notes
CELESTE No. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset EQ Low Frequency EQ High Gain Dry/Wet Balance EQ Mid Width Input Mode  Parameter Name  LFO Frequency EQ Low Gain EQ High Gain Dry/Wet Balance EQ Mid Frequency EQ Mid Gain EQ Mid Frequency LFO Depth Feedback Level Delay Offset EQ Low Frequency EQ Liph Frequency EQ High Frequency EQ High Frequency EQ Mid Gain EQ Mid Width Input Mode  Parameter Name  LFO Frequency EQ Mid Gain EQ Mid Width Input Mode  1  Parameter Name  LFO Frequency EQ Mid Gain EQ Mid Width Input Mode  1  Parameter Name  LFO Frequency EQ Wide Gain EQ Mid Width Input Mode  1  Parameter Name  LFO Frequency EQ Low Focus Court Name  LFO Frequency EQ Low Focus Court Name EQ Low Frequency EQ Low Gain	C + + + + + + +	V I I - + + + + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 1 - 127 0 0 - 127 0 - 127 1 - 127 0 0 - 127 1 - 127 0 0 - 127 1 - 127 0 0 - 127 0 0 - 127 1 - 127 0 0 - 127 1 - 127 0 0 - 127 0 0 - 127 1 - 127 0 0 0 0 - 127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display	Defa  4 63 44 2 0 28 64 46 68 10 0 0 0 Defa  8 8 29 64 0 0 0 0 1 0 Defa 14 14 14 104 2 0 28 64	Display 0.17[Hz] 0.17[Hz] 0.20 0.2[ms] -20 0.2[ms] -500[Hz] +0[dB] 1.0  -500[Hz] +4[dB] 1.0 -500[Hz] -500[Hz] -500[Hz] -600 Stereo  ult Data Display 0.34[Hz] -9 -9 -10 -0.0[ms] -10 -0.0[m	table#1 table#19 table#19 table#2 table#3 table#3 table#3 table#15 table#3 table#15 table#3 table#15 table#3 table#15 table#3 table#16 table#1 table#16 table#3	Control	Notes
CELESTE No. 11 12 13 14 14 15 15 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset EQ Low Frequency EQ High Gain Dry/Wet Balance EQ Mid Width Input Mode  Parameter Name  LFO Frequency EQ Low Gain EQ High Gain Dry/Wet Balance EQ Mid Frequency EQ Mid Gain EQ High Frequency EQ Mid Frequency EQ Mid Frequency EQ Mid Frequency EQ Mid Frequency LFO Depth Feedback Level Delay Offset EQ Low Frequency EQ Low Gain EQ High Frequency EQ High Frequency EQ Mid Gain EQ Mid Width Input Mode  Parameter Name  LFO Frequency EQ Mid Gain EQ Mid Width Input Mode  Parameter Name  LFO Frequency EQ Mid Gain EQ Mid Width Input Mode  LFO Frequency LFO Depth Feedback Level Delay Offset EQ Low Frequency EQ Low Figurency EQ Low Figurency EQ Low Frequency EQ Low Figurency EQ Low Frequency EQ Low Frequency EQ Low Frequency EQ Low Frequency EQ Low Gain EQ High Frequency EQ High Gain	C + + + + + + +	V I I - + + + + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 1 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 0 -	Display	Defa  4 63 44 2 0 28 64 46 68 127 40 0 0 0 Defa   Defa  28 64 60 127 40 60 10 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display   O.17[Hz]   O.17[Hz]   O.2[ms]   O.2[ms]   O.2[ms]   O.2[ms]   O.2[ms]   O.2[ms]   O.2[ms]   O.2[ms]   O.3[hz]   O.	table#1 table#1 table#19 table#2 table#3 table#3 table#3 table#3 table#15 table#3 table#15 table#3 table#15 table#3 table#16 table#1 table#1 table#1 table#1 table#3 table#3 table#3 table#3 table#3 table#3 table#3 table#3	Control	Notes
CELESTE No. 11 12 13 14 15 16 17 18 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset EQ Low Frequency EQ High Gain Dry/Wet Balance EQ Mid Width Input Mode  Parameter Name  LFO Frequency EQ Low Gain EQ High Gain Dry/Wet Balance EQ Mid Frequency EQ Mid Gain EQ Mid Frequency EQ Mid Gain EQ Mid Frequency EQ Mid Gain EQ Mid Frequency EQ Mid Frequency LFO Depth Feedback Level Delay Offset EQ Low Gain EQ High Frequency EQ High Frequency EQ High Frequency EQ Mid Gain EQ Mid Width Input Mode  Parameter Name  LFO Frequency EQ Mid Gain EQ Mid Width Input Mode  I Parameter Name  LFO Frequency EQ Mid Gain EQ Mid Width Input Mode  LFO Depth Feedback Level Delay Offset EQ Low Frequency EQ Low Figurency EQ Low Figurency EQ Low Figurency EQ Low Frequency EQ Low Gain EQ High Frequency EQ Ligh Gain Dry/Wet Balance EQ Mid Frequency	C + + + + + + +	V I I - + + + + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 1 - 127 1 - 127 1 - 127 0 - 127 0 - 127 1 -	Display	Defa  4 63 44 2 0 28 64 46 68 127 40 0 0 0 Defa  Defa  28 64 60 127 40 60 10 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display 0.17[Hz] 0.17[Hz] 1.0 0.2[ms] -0.2[ms] -0.2[ms] -1.0 0.2[ms] -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0	table#1 table#19 table#19 table#2 table#3 table#3 table#3 table#15 table#3 table#15 table#3 table#15 table#3 table#15 table#3 table#16 table#1 table#16 table#3	Control	Notes
CELESTE No.	Parameter Name  LFO Frequency LFO Depth Feedback Level Delay Offset  EQ Low Frequency EQ High Gain DryWet Balance EQ Mid Frequency EQ Mid Gain EQ Mid Width Input Mode  Parameter Name  LFO Frequency EQ Low Gain EQ High Gain DryWet Balance EQ Mid Frequency EQ Mid Gain EQ Mid Frequency EQ Mid Gain EQ Mid Frequency EQ Mid Gain EQ Mid Frequency LFO Depth Feedback Level Delay Offset EQ Low Gain EQ High Gain DryWet Balance EQ Mid Width Input Mode  Parameter Name  LFO Frequency EQ Mid Gain EQ Mid Frequency EQ Mid Sid Gain EQ Mid Frequency EQ Low Gain EQ High Frequency EQ Low Gain EQ High Frequency EQ Low Gain EQ High Frequency EQ High Gain DryWet Balance	C + + + + + + +	V I I - + + + + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 1 - 127 1 - 127 0 - 127 0 - 127 0 - 127 1 -	Display	Defa  4 63 44 2 0 88 64 46 68 127 60 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  0.17[itz] 0.17[itz] 0.20 0.2[ms] 500[Hz] +0(dB] 4.0[kHz] +4(dB] D <w63 +0(db]="" +00="" +4[db]="" -5="" -6="" -7="" -7<="" 0.0[ms]="" 0.34[hz]="" 0.5[hz]="" 1.0="" 2.0[khz]="" 29="" 4(db]="" 500[hz]="" 7.0[khz]="" d<w63="" mono="" td="" tereo=""><td>table#1 table#1 table#1 table#2 table#3 table#3 table#3 table#3 table#3 table#15 table#3  Lable#15 table#19 table#19 table#19 table#17 table#2 table#15 table#3 table#15 table#3 table#15 table#3 table#15 table#3 table#15 table#11</td><td>Control</td><td>Notes</td></w63>	table#1 table#1 table#1 table#2 table#3 table#3 table#3 table#3 table#3 table#15 table#3  Lable#15 table#19 table#19 table#19 table#17 table#2 table#15 table#3 table#15 table#3 table#15 table#3 table#15 table#3 table#15 table#11	Control	Notes

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FLANGER No.	Parameter Name	Option		Data Range	Defa	ult Data	See Table	Control	Notes
1	LFO Frequency	C V I	0 - 127	Display 0.00 ~ 39.7 [Hz]	32	Display 1.35[Hz]	table#1		
2	LFO Depth Feedback Level	+	0 - 127 1 - 127	0 ~ 127 -63 ~ +63	17 26	17 -38	table#19 table#16		
	Delay Offset	+	0 - 127	0.0 ~ 50.0 [ms]	2	0.2[ms]	table#2		
	5 EQ Low Frequency	+	0 4 - 40(8 - 40)	32 ~ 2.0k(50 ~ 2.0k) [Hz]	0 28	500[Hz]	table#3		
	FQ Low Gain EQ High Frequency	+	52 - 76 28 - 58	-12 ~ +12 [dB] 500 ~ 16.0k [Hz]	64 46	+0[dB] 4.0[kHz]	table#3		
9	EQ High Gain Dry/Wet Balance	+	52 - 76 1 - 127	-12 ~ +12 [dB] D63>W ~ D=W ~ D <w63< td=""><td>60 96</td><td>-4[dB] D<w32< td=""><td>table#15</td><td></td><td></td></w32<></td></w63<>	60 96	-4[dB] D <w32< td=""><td>table#15</td><td></td><td></td></w32<>	table#15		
11	EQ Mid Frequency	+ + +	14 - 54	100 ~ 10.0k [Hz]	40	2.0[kHz]	table#3		
	EQ Mid Gain EQ Mid Width	+ + + +	52 - 76 10 - 120	-12 ~ +12 [dB] 1.0 ~ 12.0	64 10	+0[dB] 1.0			
	LFO Phase Difference	+ + +	4 - 124 0	-180 ~ +180 [deg]	4	-180[deg]			resolution=3deg.
16			0	-	0	-			
GM FLAN									
No.	Parameter Name	Option C V I		Data Range Display	Deta	ult Data Display	See Table	Control	Notes
1 2	LFO Frequency LFO Depth	+ + +	0 - 127 0 - 127	0.0 ~ 39.7 [Hz] 0 ~ 127	3 21	0.13[Hz] 21	table#1 table#19		
3	Feedback Level	+ + +	1 - 127 0 - 127	-63 ~ +63 0.0 ~ 50.0 [ms]	120	+56	table#16		
	Delay Offset 5 -	+ + + +	0	-	0	0.1[ms]	table#2		
	EQ Low Frequency EQ Low Gain	+ + + +	4 - 40 52 - 76	32 ~ 2.0k [Hz] -12 ~ +12 [dB]	28 64	500[Hz] +0[dB]	table#3		
8	EQ High Frequency EQ High Gain	+ + +	28 - 58 52 - 76	500 ~ 16.0k [Hz] -12 ~ +12 [dB]	46 64	4.0[kHz] +0[dB]	table#3		
10	Dry/Wet Balance	+ + +	1 - 127	D63>W ~ D=W ~ D <w63< td=""><td>96</td><td>D<w32< td=""><td>table#15</td><td></td><td></td></w32<></td></w63<>	96	D <w32< td=""><td>table#15</td><td></td><td></td></w32<>	table#15		
11	EQ Mid Frequency EQ Mid Gain	+ + + +	14 - 54 52 - 76	100 ~ 10.0k [Hz] -12 ~ +12 [dB]	40 64	2.0[kHz] +0[dB]	table#3		
	EQ Mid Width LFO Phase Difference	+ + +	10 - 120 4 - 124	1.0 ~ 12.0 -180 ~ +180 [deg]	10 4	1.0 -180[deg]			resolution=3[deg]
15	5 -		0	-	0	-			
FLANGER							1		
FLANGER No.	Parameter Name	Option		Data Range	Defa	ult Data	See Table	Control	Notes
1	LFO Frequency	C V I	0 - 127	Display 0.00 ~ 39.7 [Hz]	4	Display 0.17[Hz]	table#1		
	LFO Depth Feedback Level	+ + + +	0 - 127 1 - 127	0 ~ 127 -63 ~ +63	109 109	109 +45	table#19 table#16		
	Delay Offset	+ + +	0 - 127	0.0 ~ 50.0 [ms]	2	0.2[ms]	table#2		
5	5 - 5 EQ Low Frequency	+ + +	0 4 - 40	- 32 ~ 2.0k [Hz]	0 28	500[Hz]	table#3		
7 8	FQ Low Gain EQ High Frequency	+ + +	52 - 76 28 - 58	-12 ~ +12 [dB] 500 ~ 16.0k [Hz]	64 46	+0[dB] 4.0[kHz]	table#3		
9	EQ High Gain	+ + +	52 - 76	-12 ~ +12 [dB]	64	+0[dB]			
11	Dry/Wet Balance EQ Mid Frequency	+ + +	1 - 127 14 - 54	D63>W ~ D=W ~ D <w63 100 ~ 10.0k [Hz]</w63 	127 40	D <w63 2.0[kHz]</w63 	table#15 table#3		
12 13	EQ Mid Gain EQ Mid Width	+ + + +	52 - 76 10 - 120	-12 ~ +12 [dB] 1.0 ~ 12.0	64 10	+0[dB] 1.0			
	LFO Phase Difference	+ + +	4 - 124 0	-180 ~ +180 [deg]	4 0	-180[deg]			resolution=3[deg]
16			ő	-	0	-			
SYMPHON									
No.	Parameter Name	Option C V I		Data Range Display		ult Data Display	See Table	Control	Notes
	LFO Frequency LFO Depth	+ - +	0 - 127 0 - 127	0.00 ~ 39.7 [Hz] 0 ~ 127	12 25	0.51[Hz] 25	table#1 table#19		
	B Delay Offset	+ - +	0 - 127 0	0.0 ~ 50.0 [ms]	16 0	1.6[ms]	table#2		
5	T C				0	-			
1 3	5-		0	22 2.01 (50 2.01) 111 1	0				
7	5 - 5 EQ Low Frequency 7 EQ Low Gain	+ - +	4 - 40(8 - 40) 52 - 76	32 ~ 2.0k(50 ~ 2.0k) [Hz] -12 ~ +12 [dB]	28 64	500[Hz] +0[dB]	table#3		
7 8	FQ Low Gain EQ High Frequency	+ - + + + - + - + - + - + - + - + - + - + - + - + - + - + - + - + + + + +	4 - 40(8 - 40) 52 - 76 28 - 58	-12 ~ +12 [dB] 500 ~ 16.0k [Hz]	28 64 46	+0[dB] 4.0[kHz]	table#3		
5 8 9	EQ Low Gain EQ High Frequency EQ High Gain Dry/Wet Balance	+ - + + + + + + + + + + + + + + + + + +	4 - 40(8 - 40) 52 - 76 28 - 58 52 - 76 1 - 127	-12 ~ +12 [dB] 500 ~ 16.0k [Hz] -12 ~ +12 [dB] D63>W ~ D=W ~ D <w63< td=""><td>28 64 46 64 127</td><td>+0[dB] 4.0[kHz] +0[dB] D<w63< td=""><td>table#3 table#15</td><td></td><td></td></w63<></td></w63<>	28 64 46 64 127	+0[dB] 4.0[kHz] +0[dB] D <w63< td=""><td>table#3 table#15</td><td></td><td></td></w63<>	table#3 table#15		
10 11 12	EQ Low Gain EQ Low Gain EQ High Frequency EQ High Gain Dry/Wet Balance EQ Mid Frequency EQ Mid Gain	+ - + + - + + - + + - + + - + + + +	4 - 40(8 - 40) 52 - 76 28 - 58 52 - 76 1 - 127 14 - 54 52 - 76	-12 ~ +12 [dB] 500 ~ 16.0k [Hz] -12 ~ +12 [dB] D63>W ~ D=W ~ D <w63 100 ~ 10.0k [Hz] -12 ~ +12 [dB]</w63 	28 64 46 64 127 46 64	+0[dB] 4.0[kHz] +0[dB] D <w63 4.0[kHz] +0[dB]</w63 	table#3		
5 8 9 10 11 12 13	EQ Low Gain EQ High Frequency EQ High Gain Dry/Wet Balance EQ Mid Frequency EQ Mid Gain EQ Mid Gain	+ - + + - + + - + + - + + - + + + + + + +	4 - 40(8 - 40) 52 - 76 28 - 58 52 - 76 1 - 127 14 - 54 52 - 76 10 - 120 0	-12 ~ +12 (dB) 500 ~ 16.0k [Hz] -12 ~ +12 (dB) D635-W ~ D=W ~ D <w63 100 ~ 100 k [Hz]</w63 	28 64 46 64 127 46 64 10 0	+0[dB] 4.0[kHz] +0[dB] D <w63 4.0[kHz]</w63 	table#3 table#15		
5 8 9 10 11 12 13	EQ Low Gain EQ High Frequency EQ High Gain DDWW EB Blance EQ Mid Frequency EQ Mid Gain EQ Mid Widh	+ - + + - + + - + + - + + - + + + + + + +	4 - 40(8 - 40) 52 - 76 28 - 58 52 - 76 1 - 127 14 - 54 52 - 76 10 - 120	-12 ~ +12 [dB] 500 ~ 16.0k [Hz] -12 ~ +12 [dB] D63>W ~ D=W ~ D <w63 100 ~ 10.0k [Hz] -12 ~ +12 [dB]</w63 	28 64 46 64 127 46 64 10	+0[dB] 4.0[kHz] +0[dB] D <w63 4.0[kHz] +0[dB]</w63 	table#3 table#15		
5 8 9 10 11 12 13 14	EQ Low Gain EQ High Frequency EQ High Gain Dry/Wet Balance EQ Mid Frequency EQ Mid Gain EQ Mid Width	+ - + + - + + - + + - + + - + + + + + + +	4 - 40(8 - 40) 52 - 76 28 - 58 52 - 76 1 - 127 14 - 54 52 - 76 10 - 120 0	-12 ~ +12 [dB] 500 ~ 16.0k [Hz] -12 ~ +12 [dB] D63>W ~ D=W ~ D <w63 100 ~ 10.0k [Hz] -12 ~ +12 [dB]</w63 	28 64 46 64 127 46 64 10 0	+0[dB] 4.0[kHz] +0[dB] D <w63 4.0[kHz] +0[dB] 1.0</w63 	table#3 table#15		
10 11 12 13 14 15	EQ Low Gain EQ High Frequency EQ High Gain Dry/Wet Balance EQ Mid Frequency EQ Mid Gain EQ Mid Width	Option	4 - 40(8 - 40) 52 - 76 28 - 58 52 - 76 1 - 127 14 - 54 52 - 76 10 - 120 0	-12 ~ +12 (dB] 500 ~ 16.0 (BHz) -12 ~ +12 (dB] -1063-W ~ D=W ~ D <w63 (bhz)="" (db)="" +12="" -12="" 1.0="" 10.0="" 100="" 12.0="" data="" range<="" td="" ~=""><td>28 64 46 64 127 46 64 10 0</td><td>+0[dB] 4.0[kHz] +0[dB] D<w63 4.0[kHz] +0[dB] 1.0 - - -</w63 </td><td>table#3 table#15</td><td>Control</td><td>Notes</td></w63>	28 64 46 64 127 46 64 10 0	+0[dB] 4.0[kHz] +0[dB] D <w63 4.0[kHz] +0[dB] 1.0 - - -</w63 	table#3 table#15	Control	Notes
76 8 9 10 11 12 13 14 15 16 No.	IEQ Low Gain EGO High Frequency EQ High Gain DDryWet Balance EQ Mid Frequency EQ Mid Gain EQ Mid Width  SPEAKER  Parameter Name		4 - 40(8 - 40) 52 - 76 28 - 58 52 - 76 1 - 127 14 - 54 52 - 76 10 - 120 0 0	-12 ~ +12 (dB] 500 ~ 16.0 (BHz] -12 ~ +12 (dB] 100 ~ 10.0 (Btz] 110 ~ 10.0 (Btz] 110 ~ 12.0  -12 ~ +12 (dB) -1.0 ~ 12.0	28 64 46 64 127 46 64 10 0 0 0	+0[dB] 4.0[kHz] +0[dB] D <w63 +0[db]="" 1.0<="" 4.0[khz]="" td=""><td>table#3 table#15 table#3  See Table table#1</td><td>Control</td><td>Notes</td></w63>	table#3 table#15 table#3  See Table table#1	Control	Notes
76 8 9 10 11 12 13 14 15 16 No.	EQ Low Gain EQ High Frequency EQ High Gain Dry Wet Balance EQ Mid Frequency EQ Mid Gain EQ Mid Width	Option	4 - 40(8 - 40) 52 - 76 28 - 58 52 - 76 1 - 127 14 - 54 52 - 76 10 - 120 0 0 0 0 0 - 127 0 - 127 0	-12 ~ +12 (dB] 500 ~ 16.0 (Hz) -12 ~ +12 (dB) D63sW ~ DsW ~ DcW63 100 ~ 10.0 (Hz) -12 ~ +12 (dB) 1.0 ~ 12.0	28 64 46 64 127 46 64 10 0 0 0 0	+0[dB] 4.0[kHz] +0[dB] D <w63 +0[db]="" 1.0<="" 4.0[khz]="" td=""><td>table#3 table#15 table#3  See Table</td><td>Control</td><td>Notes</td></w63>	table#3 table#15 table#3  See Table	Control	Notes
76 8 9 10 11 12 13 14 15 16 No.	IEQ Low Gain EGO High Frequency EQ High Gain DDryWet Balance EQ Mid Frequency EQ Mid Gain EQ Mid Width  SPEAKER  Parameter Name	Option	4 - 40(8 - 40) 52 - 76 28 - 58 52 - 76 1 - 127 14 - 54 52 - 76 10 - 120 0 0 0 0 0 0 0	-12 ~ +12 (dB] 500 ~ 16.0 (BHz] -12 ~ +12 (dB] 100 ~ 10.0 (Btz] 110 ~ 10.0 (Btz] 110 ~ 12.0  -12 ~ +12 (dB) -1.0 ~ 12.0	28 64 46 64 127 46 64 10 0 0 0 0	+0[dB] 4.0[kHz] +0[dB] D <w63 4.0[kHz] +0[dB] 1.0 - - - - - - - - - - - - -</w63 	table#3 table#15 table#3  See Table table#1	Control	Notes
8 8 9 10 11 12 13 14 14 15 16 16 17 No.	EQ Low Gain EQ High Frequency EQ High Gain DryWet Balance EQ Mid Frequency EQ Mid Gain EQ Mid Width  Parameter Name  LFO Frequency LFO Depth	Option	4 - 40(8 - 40) 52 - 76 28 - 58 52 - 76 1 - 127 14 - 54 52 - 76 10 - 120 0 0 0 0 0 1 - 127 0 0 0 0 4 - 40(8 - 40)	12 ~ 12 (dB)	28 64 46 64 127 46 64 10 0 0 0 0 Defa 81 35 0 0 0	+0[dB] 4.0[kHz] +0[dB] D <w63 +0[db]="" 1.0="" 315[hz]<="" 35="" 4.0[khz]="" 4.54[hz]="" data="" display="" td="" ult=""><td>table#3 table#15 table#3  See Table table#1</td><td>Control</td><td>Notes</td></w63>	table#3 table#15 table#3  See Table table#1	Control	Notes
ROTARY S  No.	EQ Low Gain EQ High Frequency EQ High Gain Dry/Wet Balance EQ Mid Frequency EQ Mid Gain EQ Mid Gain EQ Mid Width  Parameter Name  LFO Frequency LFO Depth  EQ Low Gain EQ Low Gain EQ Low Gain EQ High Frequency	Option	4 - 40(8 - 40) 52 - 76 528 - 58 52 - 76 1 - 127 14 - 54 52 - 76 10 - 120 0 0 0 0 1 - 127 0 - 1	12 ~ 12 (ds)	28 64 46 64 127 46 64 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	+0[dB] 4.0[kHz] +0[dB] D <w63 +0[db]="" 1.0<="" 4.0[khz]="" td=""><td>table#3 table#15 table#3  See Table table#1 table#1</td><td>Control</td><td>Notes</td></w63>	table#3 table#15 table#3  See Table table#1 table#1	Control	Notes
ROTARY S No.	EQ Low Gain EEQ High Frequency EEQ High Gain DDryWet Balance EEQ Mid Frequency EEQ Mid Gain EEQ Mid Width  PERMER  Parameter Name  LFO Frequency LFO Depth  LFO Low Gain EEQ Low Gain EEQ Low Gain EEQ High Frequency EEQ High Frequency EEQ High Frequency EEQ High Gain DDryWet Balance	Option	4 - 40(8 - 40) 52 - 76 28 - 58 52 - 76 1 - 127 14 - 54 52 - 76 10 - 120 0 0 0 0 0 - 127 0 - 127 0 - 0 4 - 40(8 - 40) 52 - 76	12 - 12 (ds]   12   12 (ds]   13   14   14   15   16   16   16   16   16   16   16	28 64 46 64 127 46 64 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	+0(dB) +0(dB) D <w63 +0(db)="" -0="" -1="" -1<="" 4.0(khz)="" d<w63="" td=""><td>table#3 table#15 table#3  See Table table#1 table#1 table#1 table#3 table#3 table#3 table#15</td><td>Control</td><td>Notes</td></w63>	table#3 table#15 table#3  See Table table#1 table#1 table#1 table#3 table#3 table#3 table#15	Control	Notes
1   1   1   1   1   1   1   1   1   1	EQ Low Gain EGO High Frequency EQ High Gain DDryWet Balance EQ Mid Frequency EQ Mid Gain EQ Mid Width  SPEAKER  Parameter Name  LFO Frequency LFO Depth  CQ Low Frequency EQ Low Gain EQ High Frequency EQ Low Gain EQ High Frequency EQ Mid Frequency	Option   V I   - + - + - + - + + + + + + + + + + + +	4 - 40(8 - 40) 52 - 76 28 - 58 52 - 76 1 - 127 14 - 54 52 - 76 10 - 120 0 0 0 0 0 0 0 0 0 0 0 0 0	12 - 12 (dB	28 64 46 64 127 46 64 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	+0[dB] 4.0[kHz] +0[dB] D <w63 4.0[kHz] +0[dB] 1.0 - - - - - - - - - - - - -</w63 	table#3 table#15 table#3  See Table table#1 table#1 table#3 table#3	Control	Notes
7 8 8 5 10 11 12 12 12 12 12 12 12 12 12 12 12 12	EQ Low Gain EEQ High Frequency EQ High Gain DryWet Balance EQ Mid Frequency EQ Mid Gain EQ Mid Width	Option   V   I   - + - + - + - + - + - + - + - + - + -	4 - 40(8 - 40) 52 - 76 28 - 58 52 - 76 1 - 127 14 - 54 52 - 76 10 - 120 0 0 0 1-127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 14 - 40(8 - 40) 52 - 76 28 - 58 52 - 76 1 - 127 14 - 54 52 - 76 10 - 120	12 - 12 (ds]   12   12 (ds]   13   14   14   15   16   16   16   16   16   16   16	28 64 46 64 127 46 64 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	+0(dB) +0(dB) +0(dB) D <w63 4.0(kHz] +0(dB) 1.0 - - - - - - - - - - - - - - - - - - -</w63 	table#3 table#15 table#3  See Table table#1 table#1 table#1 table#3 table#3 table#3 table#15	Control	Notes
8 5 10 11 12 15 16 16 16 16 16 16 16 16 16 16 16 16 16	EQ Low Gain EEQ High Frequency EQ High Gain DryWet Balance EQ Mid Frequency EQ Mid Gain EQ Mid Width  Parameter Name  LFO Frequency LFO Depth  LFO Frequency EQ Low Gain EQ High Gain DryWet Balance EQ High Gain DryWet Balance EQ Mid Gain	Option   V I   - + - + - + - + + + + + + + + + + + +	4 - 40(8 - 40) 52 - 76 52 - 76 52 - 76 52 - 76 10 - 127 0 0 0 0 1-127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 14 - 54 52 - 76 15 - 127 16 - 127 17 - 127 18 - 58 52 - 76 1 - 127 19 - 1	12 - 12 (ds]	28 64 46 64 127 46 64 10 0 0 0 0 81 35 0 0 0 24 60 45 54 127 33 52 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	+0(dB) +0(dB) D <w63 +0(db)="" 1.0<="" 10(khz)="" d<w63="" td=""><td>table#3 table#15 table#3  See Table table#1 table#1 table#1 table#3 table#3 table#3 table#15</td><td>Control</td><td>Notes</td></w63>	table#3 table#15 table#3  See Table table#1 table#1 table#1 table#3 table#3 table#3 table#15	Control	Notes
ROTARY S No.	EQ Low Gain EQ High Gain DryWet Balance EQ Mid Frequency EQ Mid Gain EQ Mid Width  Parameter Name  LFO Frequency LFO Depth  EQ Low Gain EQ Low Gain EQ High Gain DryWet Balance EQ Mid Width	Option   V I   - + - + - + - + + + + + + + + + + + +	4 - 40(8 - 40) 52 - 76 28 - 58 52 - 76 1 - 127 14 - 54 52 - 76 10 - 120 0 0 0 0 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 14 - 54 52 - 76 10 - 127 10 - 127 10 - 127 10 - 127 10 - 127 10 - 127 10 - 127 11 - 127 12 - 127 13 - 127 14 - 54 52 - 76 10 - 120 0 0	12 - 12 (ds]	28 64 46 64 127 46 64 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	+0(dB) 4.0(kHz) +0(dB) D <w63 +0(db)="" 1.0<="" 4.0(khz)="" td=""><td>table#3 table#15 table#3  See Table table#1 table#1 table#1 table#3 table#3 table#3 table#15</td><td>Control</td><td>Notes</td></w63>	table#3 table#15 table#3  See Table table#1 table#1 table#1 table#3 table#3 table#3 table#15	Control	Notes
ROTARY S No.  11 12 13 14 15 16 ROTARY S No. 11 12 13 14 15 16 17 18 18 18 19 19 10 DISTORTH	EQ Low Gain EQ High Gain DDryWet Balance EQ Mid Frequency EQ High Gain EQ Mid Gain EQ Mid Width	Option   V   I   - + - + - + + + + + + +	4 - 40(8 - 40) 52 - 76 52 - 76 52 - 76 52 - 76 10 - 127 0 0 0 0 1-127 0 - 127 0 - 127 0 0 4 - 40(8 - 40) 52 - 76 10 - 127 0 4 - 40(8 - 40) 52 - 76 11 - 127 14 - 54 52 - 76 10 - 127 0 0 0 0 0 0 0 1 1 - 127 0 0 0 0 0 0 0 0 0 0 1 - 127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-12 ~ +12 (dB] 500 ~ 16.0k [Hz] -12 ~ +12 (dB] 100 ~ 10.0k [Hz] -12 ~ +12 (dB] 11.0 ~ 12.0	28 64 46 64 127 46 64 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	+0[dB] +0[dB] +0[dB] D <w63 +0[db]="" 1.0<="" 4.0[khz]="" td=""><td>table#3 table#15 table#3  See Table table#1 table#19 table#3 table#3 table#3 table#3</td><td></td><td></td></w63>	table#3 table#15 table#3  See Table table#1 table#19 table#3 table#3 table#3 table#3		
ROTARY S   No.	EQ Low Gain EQ High Frequency EQ High Gain DDryWet Balance EQ Mid Frequency EQ Mid Gain EQ Mid Width	Option   V I   - + - +   - + + + + + + + + +   Option   V I	4 - 40(8 - 40) 52 - 76 28 - 58 52 - 76 11 - 127 14 - 54 52 - 76 10 - 127 0 0 0 0 - 127 0 - 127 0 - 127 0 0 4 - 40(8 - 40) 52 - 76 12 - 127 628 - 58 52 - 76 11 - 127 14 - 54 52 - 76 10 - 120 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-12 ~ +12 (dB] 500 ~ 16.0k [Hz] -12 ~ +12 (dB] 100 ~ 10.0k [Hz] -12 ~ +12 (dB] 11.0 ~ 12.0	28 64 46 64 127 46 64 10 0 0 0  Defa  81 35 0 0 24 60 45 54 127 33 52 30 0 0 Defa	+0[dB] +0[dB] +0[dB] D <w63 +0[db]="" 1.0<="" 4.0[khz]="" td=""><td>table#3 table#15 table#3  See Table table#1 table#1 table#3 table#3 table#3 table#3 table#3 table#3</td><td>Control</td><td>Notes Notes</td></w63>	table#3 table#15 table#3  See Table table#1 table#1 table#3 table#3 table#3 table#3 table#3 table#3	Control	Notes Notes
ROTARY S No.  11 12 13 14 15 16  ROTARY S No.  11 12 13 14 15 16  DISTORTIC No.	EQ Low Gain EQ High Gain DDryWet Balance EQ Mid Frequency EQ High Gain EQ Mid Gain EQ Mid Width	Option   V I I   - + - +   - + + + + + + + + + +   Option	4 - 40(8 - 40) 52 - 76 28 - 58 52 - 76 1 - 127 14 - 54 52 - 76 10 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127	12 ~ 12 (dB) 500 ~ 16.0k [Hz] 12 ~ 12 (dB) 100 ~ 10.0k [Hz] 110 ~ 10.0k [Hz] 110 ~ 10.0k [Hz] 110 ~ 12.0  Data Range  Display  Dota Range  Display  0.00 ~ 39.7 [Hz] 0 ~ 127  32 ~ 2.0k(50 ~ 2.0k) [Hz] 12 ~ 12 (dB) 13 ~ 12 (dB) 14 ~ 12 (dB) 1500 ~ 16.0k [Hz] 12 ~ 12 (dB) 100 ~ 10.0k [Hz] 12 ~ 12 (dB) 100 ~ 10.0k [Hz] 12 ~ 12 (dB) 100 ~ 12.0  Data Range	28 64 46 64 127 46 64 10 0 0 0	+0(dB) +0(dB) +0(dB) D>(W63 4.0[kHz] +0(dB) 1.0	table#3 table#15 table#3  See Table table#1 table#19 table#3 table#3 table#3 table#3		
ROTARY S No.  11 12 13 14 15 16  ROTARY S No.  11 12 13 14 15 16  DISTORTIC No.	EQ Low Gain EQ High Gain DDryWet Balance EQ Mid Frequency EQ Mid Frequency EQ Mid Gain EQ Mid Width  Parameter Name  LFO Frequency LFO Depth  EQ Low Gain EQ High Gain DDryWet Balance EQ Mid Width  A Company  LFO Frequency LFO Depth  COM Gain EQ High Frequency EQ High Gain DDryWet Balance EQ Mid Frequency EQ Mid Width  CON+ROTARY SPEAKER  Parameter Name	Option   V I   - + - +   - + + + + + + + + +   Option   V I	4 - 40(8 - 40) 52 - 76 52 - 76 52 - 76 1 - 127 14 - 54 52 - 76 10 - 120 0 0 0 0 1- 127 0 - 127	-12 ~ +12 (dB) 500 ~ 1.60k [Hz] -12 ~ +12 (dB) D63-W ~ D=W ~ D=W63 100 ~ 10.0k [Hz] -12 ~ +12 (dB) 1.0 ~ 12.0	28 64 46 64 127 46 64 10 0 0 0 0  Defa  81 35 0 0 0 24 60 45 54 127 33 52 30 0 0 0 Defa  Defa 6	+0(dB) +0(dB) -0(dB) D <w63 -0(db)="" -0-<="" -0-w63="" td=""><td>table#3 table#15 table#3  See Table table#1 table#1 table#3 table#3 table#3 table#3 table#3 table#3 table#15 table#3</td><td></td><td></td></w63>	table#3 table#15 table#3  See Table table#1 table#1 table#3 table#3 table#3 table#3 table#3 table#3 table#15 table#3		
ROTARY S No.  11 12 13 14 15 16  ROTARY S No.  11 12 13 14 15 16 DISTORTIC No.	EQ Low Gain EEQ High Frequency EEQ High Gain DDryWet Balance EEQ Mid Frequency EEQ Mid Frequency EEQ Mid Gain EEQ Mid Width	Option   V I   - + - +   - + + + + + + + + +   Option   V I	4 - 40(8 - 40) 52 - 76 52 - 76 52 - 76 52 - 76 1 - 127 14 - 54 52 - 76 10 - 120 0 0 0 0 0 1- 127 0 - 127 0 0 4 - 40(8 - 40) 52 - 76 10 - 120 0 0 0 0 0 1 - 127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-12 ~ +12 (dB] 500 ~ 16.0k [Hz] -12 ~ +12 (dB] 100 ~ 10.0k [Hz] -12 ~ +12 (dB] 100 ~ 10.0k [Hz] -12 ~ +12 (dB] 1.0 ~ 12.0	28 64 46 64 127 46 64 10 0 0 0 0  Defa  81 35 0 0 0 24 60 45 54 127 33 52 30 0 0 0 0  Defa  Defa  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	+0(dB) +0(dB) 4.0(kHz) +0(dB) D <w63 +0(db)="" 1.0<="" a.0(khz)="" td=""><td>table#3 table#3 table#3 table#3 table#3 table#1 table#1 table#3 table#3 table#3 table#3 table#3 table#1 table#15 table#1</td><td></td><td></td></w63>	table#3 table#3 table#3 table#3 table#3 table#1 table#1 table#3 table#3 table#3 table#3 table#3 table#1 table#15 table#1		
ROTARY 8 No.  11 12 13 14 15 16  ROTARY 8 No.  11 11 12 13 14 15 16 DISTORTIC No.	EQ Low Gain  EQ High Frequency  EQ High Gain  DDy/Wet Balance  EQ Mid Frequency  EQ Mid Frequency  EQ Mid Width  FPEAKER  Parameter Name  LFO Frequency  LFO Depth  LFO Brequency  EQ Low Gain  EQ Mid Frequency  EQ High Frequency  EQ High Frequency  EQ High Gain  DDy/Wet Balance  EQ Mid Width  Frequency  EQ Mid Gain  EQ Mid Width  DN+ROTARY SPEAKER  Parameter Name  LFO Frequency  LFO Depth  LFO Depth	Option   V I   - + - +   - + + + + + + + + +   Option   V I	4 - 40(8 - 40) 52 - 76 52 - 76 52 - 76 10 - 127 10 - 127 0 0 0 1- 127 0 1- 120 0 0 1- 127 0 1- 120 0 0 1- 127 0 1- 120 0 0 1- 127 0 1- 120 0 0 0 1- 127 0 1- 120 0 0 0 0 1- 127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12 - 12 (ds]	28 64 46 64 127 46 64 10 0 0 0 0  Defa  81 35 0 0 0 24 60 45 54 127 33 52 30 0 0 0 0 0  Defa  Defa  6 92 0 0 0 0 26 68	+0(dB) +0(dB) +0(dB) D <w63 +0(db)="" 1.0<="" 4.0(khz)="" td=""><td>table#3 table#3 table#3 table#3  See Table table#3 table#3 table#3 table#3 table#3 table#3 table#1 table#1 table#1 table#1 table#1</td><td></td><td></td></w63>	table#3 table#3 table#3 table#3  See Table table#3 table#3 table#3 table#3 table#3 table#3 table#1 table#1 table#1 table#1 table#1		
ROTARY 8   No.	EQ Low Gain ED High Frequency ED High Gain DDryWet Balance EQ Mid Frequency EQ Mid Frequency EQ Mid Frequency EQ Mid Frequency EQ Mid Width  SPEAKER  Parameter Name  LFO Frequency LFO Depth  EQ Low Frequency EQ High Gain DDryWet Balance EQ Mid Frequency EQ High Gain EQ Mid Width  SPEAKER  Parameter Name  LFO Frequency EQ High Gain EQ Mid Width  SPEAKER  Parameter Name  LFO Frequency EQ Mid Gain EQ Mid Width  SPEAKER  Parameter Name  LFO Frequency LFO Depth  EQ Low Frequency EQ Low Gain EQ High Frequency EQ Low Gain EQ High Frequency EQ Ligh Frequency EQ Ligh Gain	Option   V I   - + - +   - + + + + + + + + +   Option   V I	4 - 40(8 - 40) 52 - 76 52 - 76 52 - 76 10 - 127 10 - 127 0 0 0 1- 127 0 1- 120 0 0 1- 127 0 1- 120 0 0 1- 127 0 1- 120 0 0 1- 127 0 1- 120 0 0 0 1- 127 0 1- 120 0 0 0 1- 127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12 - 12 (ds]	28 64 46 64 127 46 64 10 0 0 0 0  Defa  81 35 0 0 0 24 60 45 54 127 33 52 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	+0(dB] +0(dB] +0(dB] D <w63 +0(db]="" 1.0<="" 4.0(khz]="" td=""><td>table#3 table#3 table#3 table#3  See Table table#1 table#3 table#3 table#3 table#3 table#1 table#1 table#1 table#1 table#1 table#1 table#1 table#1 table#3</td><td></td><td></td></w63>	table#3 table#3 table#3 table#3  See Table table#1 table#3 table#3 table#3 table#3 table#1 table#1 table#1 table#1 table#1 table#1 table#1 table#1 table#3		
ROTARY 8   No.	EQ Low Gain EGO High Frequency EQ High Gain DDryWet Balance EQ Mid Frequency EQ Mid Gain EQ Mid Width  SPEAKER  Parameter Name  LFO Frequency LFO Depth  LFO Low Gain EQ Mid Gain EQ Low Frequency EGO Low Gain EQ High Frequency EGO High Gain DryWet Balance EQ Mid Width  SPEAKER  Parameter Name  LFO Frequency EQ Mid Gain EQ High Frequency EQ Mid Gain EQ Mid Width  LFO Frequency EQ Mid Gain EQ Mid Frequency EQ Low Gain EQ Mid Frequency EQ Low Gain EXPERIENCE NAME  Parameter Name  LFO Frequency LFO Depth  LEO Frequency EQ Low Gain EQ High Frequency EQ High Gain DyryWet Balance	Option   V I   - + - +   - + + + + + + + + +   Option   V I	4 - 40(8 - 40) 52 - 76 28 - 58 52 - 76 1 - 127 14 - 54 52 - 76 10 - 127 0 - 127	12 - 12 (ds]	28 64 46 64 127 46 64 10 0 0 0 0  Defa  81 355 0 0 24 60 45 54 127 33 52 30 0 0 0 0  Defa 66 69 92 0 0 0 0 68 68	+0(dB] +0(dB) +0(kHz) +0(dB) D <w63 +0(db)="" 1.0<="" 4.0(khz)="" td=""><td>table#3 table#3 table#3 table#3  See Table table#3 table#3 table#3 table#3 table#3 table#3 table#1 table#1 table#1 table#1 table#1</td><td></td><td></td></w63>	table#3 table#3 table#3 table#3  See Table table#3 table#3 table#3 table#3 table#3 table#3 table#1 table#1 table#1 table#1 table#1		
ROTARY S  No.  11  12  13  14  15  16  ROTARY S  No.  11  12  13  14  15  16  17  18  18  19  10  10  10  11  11  11  12  13  14  15  16  17  18  18  18  18  18  18  18  18  18	IEQ Low Gain ESQ High Frequency EQ High Gain DDryWet Balance EQ Mid Frequency ESQ Mid Gain EQ Mid Width  SPEAKER  Parameter Name  LFO Frequency LFO Depth  LFO Low Frequency ESQ Low Gain ESQ Mid Gain EQ Mid Width  Parameter Name  LFO Frequency LFO Depth  CONTROL OF CONTROL  CON	Option   V I   - + - +   - + + + + + + + + +   Option   V I	4 - 40(8 - 40) 52 - 76 28 - 58 52 - 76 11 - 127 14 - 54 52 - 76 10 - 127 0 - 127	12 - 12 (ds]	28 64 46 64 127 46 64 10 0 0 0 0	+0[dB] +0[dB] +0[dB] D <w63 +0[db]="" 1.0<="" 4.0[khz]="" td=""><td>table#3 table#3 table#3 table#3  See Table table#1 table#3 table#3 table#3 table#3 table#1 table#1 table#1 table#1 table#1 table#1 table#1 table#1 table#3</td><td></td><td></td></w63>	table#3 table#3 table#3 table#3  See Table table#1 table#3 table#3 table#3 table#3 table#1 table#1 table#1 table#1 table#1 table#1 table#1 table#1 table#3		
ROTARY S   No.	IEQ Low Gain EGO High Frequency EQ High Gain DDryWet Balance EQ Mid Frequency EQ Mid Gain EQ Mid Width  SPEAKER  Parameter Name  LFO Frequency LFO Depth  LFO Low Frequency EQ Low Gain EQ Mid Width  SPEAKER  Parameter Name  LFO Frequency LFO Depth  CONTROLL OF CONTROLL O	Option   V I   - + - +   - + + + + + + + + +   Option   V I	4 - 40(8 - 40) 52 - 76 28 - 58 52 - 76 11 - 127 14 - 54 52 - 76 10 - 127 0 - 127	12 - 12 (ds]	28 64 46 64 127 46 64 10 0 0 0 0    Befa  81 35 0 0 0 24 60 45 54 127 33 52 30 0 0 0 0  Defa  6 6 92 0 0 0 0 26 68 55 127 0 0 0 5	+0(dB] +0(dB) +0(kHz) +0(dB) D<+663 4.0(kHz) +0(dB) 1.0 ult Data Display 4.54[Hz] 4.54[Hz]	table#3 table#15 table#3  See Table table#19 table#19 table#3 table#15 table#11 table#11 table#13 table#15 table#3 table#15 table#3 table#15 table#11 table#11		
ROTARY S No.  10 11 12 13 14 15 16 ROTARY S No.  12 13 14 15 16 DISTORTE No.  16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	EQ Low Gain EGO High Frequency EQ High Gain DDy/Wet Balance EQ Mid Frequency EQ Mid Width  SPEAKER  Parameter Name  LFO Frequency LFO Depth  LFO High Gain EQ High Frequency EQ High Gain EQ Mid Width  SPEAKER  Parameter Name  LFO Frequency EQ High Gain EQ Mid Width  SPEAKER  Parameter Name  LFO Frequency EQ Mid Gain EQ Mid Width  SPEAKER  Parameter Name  LFO Frequency EQ Mid Gain EQ Mid Width  SPEAKER  Parameter Name  LFO Frequency LFO Depth  EQ Low Frequency EQ Low Gain EQ High Gain Dry/Wet Balance	Option   V I   - + - +   - + + + + + + + + +   Option   V I	4 - 40(8 - 40) 52 - 76 28 - 58 52 - 76 11 - 127 14 - 54 52 - 76 10 - 127 0 0 0 0 4 - 40(8 - 40) 52 - 76 10 - 127 0 0 0 0 0 0 1 - 127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12 - 12 (ds]	28 64 46 64 127 46 64 10 0 0 0 0  Defa  81 35 0 0 0 45 54 127 33 30 0 0 0 0 0  Defa  6 92 0 0 0 6 85 6 52 127 0 0 0 0 0	+0(dB) +0(dB) +0(dB) D <w63 +0(db)="" 1.0<="" 4.0(khz)="" td=""><td>table#3 table#3 table#3 table#3  See Table table#1 table#3 table#3 table#3 table#3 table#1 table#1 table#1 table#1 table#1 table#1 table#1 table#1 table#3</td><td></td><td></td></w63>	table#3 table#3 table#3 table#3  See Table table#1 table#3 table#3 table#3 table#3 table#1 table#1 table#1 table#1 table#1 table#1 table#1 table#1 table#3		

1 LFO Frequency + + 0 - 127 0.0 ~ 39.7 [Hz] 7 0.2			
V   I   Display   Displa	Data See Table	Control	Notes
2 LFO Depth   + + 0 - 127   0 - 127   90   3 - 0   0   0   0   0   0   0   0   0   0	Display .29[Hz] table#1		
4 - 0  -	90 table#19		
	-		
6 EQ Low Frequency   + + 4 - 40   32 ~ 2.0k [Hz]   24   31:	15[Hz] table#3		
8 EQ High Frequency   + + 28 - 58   500 ~ 16.0k [Hz]   56   12.0	+2[dB] 2.0[kHz] table#3		
	12[dB] 0 <w63 table#15<="" td=""><td></td><td></td></w63>		
	-		
13 -         0  -	-		
15 LPF Cutoff   + + 34 - 60   1.0[kHz] ~ Thru   47   4.5	4 .5[kHz] table#3		
16 Output Level   + + 0 - 127   0 ~ 127   45	45 table#18		
AMP SIMULATOR+ROTARY SPEAKER         No.         Parameter Name         Option         Data Range         Default Dr.	Data   See Table	Control	Notes
V I Display Di	Display	Control	Notes
2 LFO Depth     +   +   0 - 127   0 ~ 127   90	.21[Hz] table#1 90 table#19		
3 AMP Type	Tube		
5 - 0	- 55[Hz] table#3		
7 EQ Low Gain + + 52 - 76 -12 ~ +12 [dB] 68 +4	+4[dB]		
9 EQ High Gain   + + 52 - 76 -12 ~ +12 [dB] 52 -13	2[kHz] table#3 12[dB]		
10 Dry/Wet Balance	D <w63 table#15<="" td=""><td></td><td></td></w63>		
	-		
14 Drive + + 0 - 127 0 ~ 127 4	4		
	.0[kHz] table#3 45 table#18		
TREMOLO			
No. Parameter Name Option Data Range Default Data	Data See Table Display	Control	Notes
1 LFO Frequency - + 0 - 127 0.00 ~ 39.7 [Hz] 83 4.8	.88[Hz] table#1		
	56 0		
4 - 0  - 0  - 0  - 0  - 0  - 0  - 0  - 0	-		
6 EQ Low Frequency   - + 4 - 40(8 - 40)   32 ~ 2.0k(50 ~ 2.0k) [Hz]   28   50	00[Hz] table#3 +0[dB]		
8 EQ High Frequency   - + 28 - 58   500 ~ 16.0k [Hz]   46   4.0	.0[kHz] table#3		
10 -       127   -   127	+0[dB]		
	.0[kHz] table#3 +0[dB]		
13 EQ Mid Width + + 10 - 120 1.0 ~ 12.0 10	1.0		
15 Input Mode   + + 0 - 1   Mono, Stereo   0   N	-0[deg] Mono		resolution=3deg.
15 Input Mode   + + + 0 - 1   Mono,Stereo	-0[deg]		resolution=3deg.
15   Input Mode	-O[deg] Mono -	Control	
15   Input Mode	O[deg] Mono - Data See Table Display	Control	resolution=3deg.  Notes
15   Input Mode	O[deg   Mono	Control	
15 Input Mode	0[deg] Mono - Data See Table Display	Control	
15 Input Mode	O[deg] Mono  -  Data See Table Display  7/0[Hz] table#1 80 32	Control	
15 Input Mode	Oldeg   Mono	Control	
15   Input Mode	Oldeg	Control	
15   Input Mode	Oldeg	Control	
15 Input Mode	Oldeg    Oldeg    Oldeg	Control	
15 Input Mode	Oldeg	Control	
15 Input Mode	Oldeg     Oldeg   Ol	Control	
15 Input Mode	Oldeg		Notes
15 Input Mode	Oldeg	Control	
15 Input Mode	Oldeg   Olde		Notes
15 Input Mode	Oldeg     Oldeg   Ol		Notes
15 Input Mode	Oldeg     Oldeg   Ol		Notes
15   Input Mode	Oldeg     Oldeg   Ol		Notes
15 Input Mode	Oldeg    O		Notes
15 Input Mode	Oldeg    O		Notes
15 Input Mode	Oldeg   Olde		Notes
15 Input Mode	Oldeg     Oldeg   Ol		Notes
15 Input Mode	Oldeg   Olde		Notes
15   Input Mode	Oldeg     Oldeg   Ol		Notes
15   Input Mode	Oldeg    O	Control	Notes
15   Input Mode	Oldeg    O	Control	Notes  Notes
15	Oldeg   Olde	Control	Notes  Notes
15	Oldeg   Olde	Control	Notes  Notes
15  Input Mode	Oldeg   Olde	Control	Notes  Notes
15   Input Mode	Oldeg   Olde	Control	Notes  Notes
15   Imput Mode	Oldeg   Oldeg   Oldeg	Control	Notes  Notes

PHASER 2 No.	Parameter Name	Option		Data Range	Defa	ault Data	See Table	Control	Notes
1	LFO Frequency	V I + +	0 - 127	Display 0.00 ~ 39.7 [Hz]	8	Display 0.34[Hz]	table#1		
	LFO Depth 3 Phase Shift Offset	+ +	0 - 127 0 - 127	0 ~ 127 0 ~ 127	111 74	111 74	table#19		
	Feedback Level	+ +	1 - 127	-63 ~ +63	108	+44	table#16		
	EQ Low Frequency	+ +	0 4 - 40	32 ~ 2.0k [Hz]	0 28	500[Hz]	table#3		
	FQ Low Gain Figure Frequency	+ + +	52 - 76 28 - 58	-12 ~ +12 [dB] 500 ~ 16.0k [Hz]	64 46	+0[dB] 4.0[kHz]	table#3		
9	EQ High Gain Dry/Wet Balance	+ +	52 - 76 1 - 127	-12 ~ +12 [dB] D63>W ~ D=W ~ D <w63< td=""><td>64 64</td><td>+0[dB] D=W</td><td>table#15</td><td></td><td></td></w63<>	64 64	+0[dB] D=W	table#15		
11	Stage	+ +	3 - 11	3 ~ 11	5	5 5	table#15		
12 13	2 - 8 LFO Phase Difference	+ +	0 4 - 124	-180 ~ +180 [deg]	0 4	-180[deg]			resolution=3deg.
14 15			0	-	0	-			
16			0	-	0	-			
DISTORTIO		Oution		Data Rango	Dof	ault Data	See Table	Ct1	Notes
No.	Parameter Name	Option V I		Data Range Display		Display	See Table	Control	Notes
	Drive 2 EQ Low Frequency	- +	0 - 127 4 - 40(8 - 40)	0 ~ 127 32 ~ 2.0k(50 ~ 2.0k) [Hz]	40 20	40 200[Hz]	table#3		
3	EQ Low Gain LPF Cutoff	- +	52 - 76 34 - 60	-12 ~ +12 [dB] 1.0[kHz] ~ Thru	72 53	+8[dB] 9.0[kHz]	table#3		
	Output Level	- +	0 - 127	0 ~ 127	48	48	table#18		
	FQ Mid Frequency	- +	0 14 - 54(28 - 54)	100 ~ 10.0k(500 ~ 10.0k) [Hz]	0 43	2.8[kHz]	table#3		
	B EQ Mid Gain D EQ Mid Width	- +	52 - 76 10 - 120	-12 ~ +12 [dB] 1.0 ~ 12.0	74 10	+10 1.0			
10	Dry/Wet Balance	- +	1 - 127 0 - 127	D63>W ~ D=W ~ D <w63 0 ~ 127</w63 	127 120	D <w63 120</w63 	table#15		mild = shown
12			0	- 12/	0	-			mild ~ sharp
13 14			0	-	0	-			
15 16	5 -		0		0	-			
-	SOR+DISTORTION		-	1	, ,				
No.	Parameter Name	Option		Data Range	Defa	ult Data	See Table	Control	Notes
	Drive	V I	0 - 127	Display 0 ~ 127	40	Display 40			
	EQ Low Frequency EQ Low Gain	+ +	4 - 40 52 - 76	32 ~ 2.0k [Hz] -12 ~ +12 [dB]	20 72	200[Hz] +8[dB]	table#3		
4	LPF Cutoff	+ +	34 - 60	1.0[kHz] ~ Thru	53	9.0[kHz]	table#3		
6	5 Output Level 5 -	+ +	0 - 127 0	0 ~ 127	48 0	48	table#18		
	FQ Mid Frequency EQ Mid Gain	+ +	14 - 54 52 - 76	100 ~ 10.0k [Hz] -12 ~ +12 [dB]	43 74	2.8[kHz] +10[dB]	table#3		
9	EQ Mid Width	+ +	10 - 120	1.0 ~ 12.0	10	1.0			
11	Dry/Wet Balance Edge(Clip Curve)	+ + +	1 - 127 0 - 127	D63>W ~ D=W ~ D <w63 0 ~ 127</w63 	127 120	D <w63 120</w63 	table#15		mild ~ sharp
	2 Attack 3 Release	+ +	0 - 19 0 - 15	1 ~ 40 [ms] 10 ~ 680 [ms]	6 2	7[ms] 25[ms]	table#8 table#9		
14	Threshold	+ +	79 - 121	-48 ~ -6 [dB] 1.0 ~ 20.0	100	-27[dB]			
16	Ratio 5 -	+ +	0 - 7 0	1.0 ~ 20.0	4 0	5.0	table#10		
	ISTORTION								
No.	Parameter Name	Option V I		Data Range Display	Defa	ult Data Display	See Table	Control	Notes
	Drive	+ +	0 - 127	0 ~ 127	18	18			
3		+ +	4 - 40	32 ~ 2.0k [Hz]		450[Hz]	table#3		
	EQ Low Frequency EQ Low Gain	+ +	4 - 40 52 - 76	32 ~ 2.0k [Hz] -12 ~ +12 [dB]	27 71	450[Hz] +7[dB]	table#3		
4	EQ Low Frequency  EQ Low Gain  LPF Cutoff  Output Level	+ + + + + + + + +	52 - 76 34 - 60 0 - 127	32 ~ 2.0k [Hz] -12 ~ +12 [dB] 1.0[kHz] ~ Thru 0 ~ 127	27 71 48 84	450[Hz] +7[dB] 5.0[kHz] 84	table#3 table#18		
4 5 6	BEQ Low Gain LPF Cutoff Output Level 5	+ + + + + + + + + + + + + + + + + + + +	52 - 76 34 - 60	-12 ~ +12 [dB] 1.0[kHz] ~ Thru 0 ~ 127 - 100 ~ 10.0k [Hz]	27 71 48	+7[dB] 5.0[kHz]	table#3		
4 5 6 7 8	EQ Low Gain LPF Cutoff Output Level - EQ Mid Frequency EQ Mid Gain	+ + + + + + + + + + + + + + + + + + + +	52 - 76 34 - 60 0 - 127 0 14 - 54 52 - 76	-12 ~ +12 [dB] 1.0[kHz] ~ Thru 0 ~ 127 -100 ~ 10.0k [Hz] -12 ~ +12 [dB]	27 71 48 84 0 32 66	+7[dB] 5.0[kHz] 84 - 800[Hz] +2[dB]	table#3 table#18		
4 5 6 7 8 9	EQ Low Gain LIPF Cutoff Output Level  EQ Mid Frequency EQ Mid Gain EQ Mid Width DlyryWet Balance	+ + + + + + + + + + + + + +	52 - 76 34 - 60 0 - 127 0 14 - 54 52 - 76 10 - 120 1 - 127	-12 ~ +12 (dB) 1.0[kHz] ~ Thru 0 ~ 127 - 100 ~ 10.0k [Hz] -12 ~ +12 (dB) 1.0 ~ 12.0 D63>W ~ D=W ~ D <w63< td=""><td>27 71 48 84 0 32 66 10 127</td><td>+7[dB] 5.0[kHz] 84 - 800[Hz] +2[dB] 1.0 D<w63< td=""><td>table#3 table#18</td><td></td><td></td></w63<></td></w63<>	27 71 48 84 0 32 66 10 127	+7[dB] 5.0[kHz] 84 - 800[Hz] +2[dB] 1.0 D <w63< td=""><td>table#3 table#18</td><td></td><td></td></w63<>	table#3 table#18		
4 5 6 7 8 9 10 11	IEQ Low Gain LUPF Cutoff Output Level	+ + + + + + + + +	52 - 76 34 - 60 0 - 127 0 14 - 54 52 - 76 10 - 120 1 - 127 0 - 127	-12 ~ +12 (dB] 1.0(kHz) ~ Thru 0 ~ 127 -100 ~ 10.0k [Hz] -12 ~ +12 (dB] 1.0 ~ 12.0	27 71 48 84 0 32 66 10 127 105 0	+7[dB] 5.0[kHz] 84 - 800[Hz] +2[dB] 1.0	table#3 table#18 table#3		mild ~ sharp
4 5 6 7 8 9 10 11 12 13	IEQ Low Gain LIPF Curoff Output Level  LiPE Guid Frequency IEQ Mid Frequency IEQ Mid Gain IEQ Mid Width Dry Wet Balance Edge(Clip Curve)	+ + + + + + + + +	52 - 76 34 - 60 0 - 127 0 14 - 54 52 - 76 10 - 120 1 - 127 0 - 127	-12 ~ +12 (dB) 1.0[kHz] ~ Thru 0 ~ 127 - 100 ~ 10.0k [Hz] -12 ~ +12 (dB) 1.0 ~ 12.0 D63>W ~ D=W ~ D <w63< td=""><td>27 71 48 84 0 32 66 10 127 105 0</td><td>+7[dB] 5.0[kHz] 84 - 800[Hz] +2[dB] 1.0 D<w63< td=""><td>table#3 table#18 table#3</td><td></td><td>mild ~ sharp</td></w63<></td></w63<>	27 71 48 84 0 32 66 10 127 105 0	+7[dB] 5.0[kHz] 84 - 800[Hz] +2[dB] 1.0 D <w63< td=""><td>table#3 table#18 table#3</td><td></td><td>mild ~ sharp</td></w63<>	table#3 table#18 table#3		mild ~ sharp
4 5 6 7 8 9 10 11 12 13 14	IEQ Low Gain LLPF Cutoff Output Level  Ley Mid Frequency IEQ Mid Gain IEQ Mid Width Dry Wet Balance Edge(Clip Curve)	+ + + + + + + + +	52 - 76 34 - 60 0 - 127 0 14 - 54 52 - 76 10 - 120 1 - 127 0 - 127 0	-12 ~ +12 (dB) 1.0[kHz] ~ Thru 0 ~ 127 - 100 ~ 10.0k [Hz] -12 ~ +12 (dB) 1.0 ~ 12.0 D63>W ~ D=W ~ D <w63< td=""><td>27 71 48 84 0 32 66 10 127 105 0</td><td>+7[dB] 5.0[kHz] 84 - 800[Hz] +2[dB] 1.0 D<w63 -<="" 105="" td=""><td>table#3 table#18 table#3</td><td></td><td>mild ~ sharp</td></w63></td></w63<>	27 71 48 84 0 32 66 10 127 105 0	+7[dB] 5.0[kHz] 84 - 800[Hz] +2[dB] 1.0 D <w63 -<="" 105="" td=""><td>table#3 table#18 table#3</td><td></td><td>mild ~ sharp</td></w63>	table#3 table#18 table#3		mild ~ sharp
4 5 6 7 8 9 10 11 12 13 14 15	IEQ Low Gain LIPF Cutoff Output Level See The Comment of the Comment IEQ Mid Gain IEQ Mid Gain IEQ Mid Width Dry Wet Balance Edge(Clip Curve)	+ + + + + + + + +	52 - 76 34 - 60 0 - 127 0 14 - 54 52 - 76 10 - 120 1 - 127 0 - 127 0 0 0	-12 ~ +12 (dB) 1.0[kHz] ~ Thru 0 ~ 127 - 100 ~ 10.0k [Hz] -12 ~ +12 (dB) 1.0 ~ 12.0 D63>W ~ D=W ~ D <w63< td=""><td>27 71 48 84 0 32 66 10 127 105 0 0</td><td>+7[dB] 5.0[kHz] 84 - 800[Hz] +2[dB] 1.0 D<w63 105<="" td=""><td>table#3 table#18 table#3</td><td></td><td>mild ~ sharp</td></w63></td></w63<>	27 71 48 84 0 32 66 10 127 105 0 0	+7[dB] 5.0[kHz] 84 - 800[Hz] +2[dB] 1.0 D <w63 105<="" td=""><td>table#3 table#18 table#3</td><td></td><td>mild ~ sharp</td></w63>	table#3 table#18 table#3		mild ~ sharp
4 5 6 7 8 9 10 11 12 13 14 15	IEQ Low Gain LIPF Cutoff Output Level See The Comment of the Comment IEQ Mid Gain IEQ Mid Gain IEQ Mid Width Dry Wet Balance Edge(Clip Curve)	+ + + + + + + + + + + + + + + + + + +	52 - 76 34 - 60 0 - 127 0 14 - 54 52 - 76 10 - 120 1 - 127 0 - 127 0 0 0	-12 ~ +12 (dB] 1.0(kHz) ~ Thru 0 ~ 127 100 ~ 10.0k (Hz) -12 ~ +12 (dB] 1.0 ~ 12.0 D63>W ~ D=W ~ D <w63 0="" 127="" data="" range<="" td="" ~=""><td>27 71 48 84 0 32 66 10 127 105 0 0 0</td><td>+7[dB] 5.0[kHz] 84 - 800[Hz] +2[dB] 1.0 D<w63 105="" ault="" data<="" td=""><td>table#3 table#18 table#3</td><td>Control</td><td>mild ~ sharp  Notes</td></w63></td></w63>	27 71 48 84 0 32 66 10 127 105 0 0 0	+7[dB] 5.0[kHz] 84 - 800[Hz] +2[dB] 1.0 D <w63 105="" ault="" data<="" td=""><td>table#3 table#18 table#3</td><td>Control</td><td>mild ~ sharp  Notes</td></w63>	table#3 table#18 table#3	Control	mild ~ sharp  Notes
4 5 6 6 7 8 8 9 100 111 12 131 14 15 16 OVERDRIN No.	IEQ Low Gain LIPF Cutoff Sourpu Level  IEQ Mid Frequency IEQ Mid Gain IEQ Mid Gain IEQ Mid Width DDry/Wet Balance IEdge(Clip Curve)  Parameter Name  Drive	+ + + + + + + + + + + + + + + + + + + +	52 - 76 34 - 60 0 - 127 0 14 - 54 52 - 76 10 - 120 1 - 127 0 0 0 0 0	-12 ~ +12 (dfs] 1.0(kHz) ~ Thru 0 ~ 127 100 ~ 10.0k (Hz) -12 ~ +12 (dfs] 1.0 ~ 12.0 (Hs] 1.0 ~ 12.0 D63-W ~ D=W ~ D <w63 0="" 127="" 127<="" data="" display="" range="" td="" ~=""><td>27 71 48 84 0 32 66 10 127 105 0 0 0 0 Defi</td><td>+7[dB] 5.0[kHz] 84 - 800[Hz] +2[dB] 1.0 D<w63 105="" 29<="" display="" td=""><td>table#3 table#18 table#3 table#15</td><td>Control</td><td></td></w63></td></w63>	27 71 48 84 0 32 66 10 127 105 0 0 0 0 Defi	+7[dB] 5.0[kHz] 84 - 800[Hz] +2[dB] 1.0 D <w63 105="" 29<="" display="" td=""><td>table#3 table#18 table#3 table#15</td><td>Control</td><td></td></w63>	table#3 table#18 table#3 table#15	Control	
4 5 6 7 8 8 9 100 111 12 133 14 15 160 OVERDRIN No.	IEQ Low Gain LLPF Cutoff Output Level  LIPF Cutoff Output Level  EQ Mid Frequency IEQ Mid Gain IEQ Mid Width DDry/Wet Balance Edge(Clip Curve)  VE  Parameter Name  Drive IEQ Low Frequency IEQ Low Frequency IEQ Low Frequency IEQ Low Gain	+ + + + + + + + + + + + + + + + + + +	52-76 34-60 0-127 0 14-54 52-76 10-120 0-127 0-127 0 0 0 0 0 0 0 0 1-127	-12 ~ +12 (dB]  1.0(kHz) ~ Thru  0 ~ 127  100 ~ 10.0k (Hz)  -12 ~ +12 (dB)  1.0 ~ 12.0  D63-W ~ D=W ~ D <w63 (db)<="" (hz)="" +12="" -12="" 0="" 127="" 2.0k(50="" 2.0k)="" 32="" data="" display="" range="" td="" ~=""><td>27 71 48 84 0 32 66 10 127 105 0 0 0 0 29 24 68</td><td>+7[dB] 5.0[kHz] 84 - 800[Hz] +2[dB] 1.0 D<w63 +4[db]<="" 105="" 29="" 315[hz]="" display="" td=""><td>table#3 table#18 table#3 table#15</td><td>Control</td><td></td></w63></td></w63>	27 71 48 84 0 32 66 10 127 105 0 0 0 0 29 24 68	+7[dB] 5.0[kHz] 84 - 800[Hz] +2[dB] 1.0 D <w63 +4[db]<="" 105="" 29="" 315[hz]="" display="" td=""><td>table#3 table#18 table#3 table#15</td><td>Control</td><td></td></w63>	table#3 table#18 table#3 table#15	Control	
4 5 6 7 7 8 8 9 100 111 122 133 144 155 160 OVERDRIV No.	IEQ Low Gain LIPF Cutoff Sourput Level LIPF Cutoff Sourput Level LIPF Cutoff EQ Mid Frequency EQ Mid Width Dry Wet Balance Edge(Clip Curve) LIPF Cutoff  Parameter Name  Drive EQ Low Gain LIPF Cutoff	Option V I - + + - + - + - + - + - + - + - +	52-76 34-60 0-127 0 14-54 52-76 10-120 1-127 0-127 0 0 0 0 0 0 1-127 4-40(8-40) 52-76 34-60	-12 - +12 (dB	27 71 48 84 0 32 66 10 127 105 0 0 0 0 0  Defi	+7[dB] 5.0[kHz] 84 - 800[Hz] +2[dB] 1.0 D<\(\text{w63}\) 105	table#3 table#18 table#18 table#15  See Table table#3 table#3	Control	
4 5 6 6 7 7 8 8 9 10 11 12 13 14 15 16    OVERDIN No. 1 2 3 3 4 5 6 6 6 6 6 7 1	IEQ Low Gain LIPF Cutoff Output Level  LIPF Cutoff Output Level  EQ Mid Frequency EQ Mid Width Dry Wet Balance Edge(Clip Curve)  Lipf Cutoff Drive  Parameter Name  Drive EQ Low Gain LIPF Cutoff Output Level	+ + + + + + + + + + + + + + + + + + +	52-76 34-60 0-127 0 14-54 52-76 10-120 1-127 0-127 0 0 0 0 0 0 1-127 4-40(8-40) 52-76 34-60 0-127	12 - 12 (dB    1.0(kHz  - Thru	27 71 48 84 0 32 66 10 127 105 0 0 0 0 Defa 45 55 0	+7(dB] 5.0(kHz] 84  800(Hz] +2(dB] 1.0 D<*W63 105	table#3 table#18 table#15 table#15  See Table table#3 table#3 table#3 table#3	Control	
4 5 6 7 7 8 8 9 100 111 121 133 144 155 166 OVERDRIV No. 1 2 2 3 4 4 5 5 6 7 7 8 8 8	IEQ Low Gain LIPF Cutoff Soutput Level LIPF Cutoff Soutput Level LIP Cutoff Soutput Level LIP Cutoff LIP Cutoff LIP Cutoff Drywet Balance Edge(Clip Curve) LIP Cutoff Drive EQ Low Frequency EQ Low Gain LIPF Cutoff Output Level LIPF Cutoff Cutoff LIP Cuto	Option V I - + + - + - + - + - + - + - + - +	52-76 34-60 0-127 0 14-54 52-76 10-120 1-127 0 0 0 0 0 0 0 0 1-127 4-40(8-40) 52-76 34-60 0-127 0 14-54(28-54) 52-76	-12 - + 12 (dB]    -10,0	27 71 48 84 0 32 66 10 127 105 0 0 0 0 0 0 Defi	+7(dB] 5.0(kHz] 84  800(Hz] +2(dB] 1.0 D   0 D   - <td>table#3 table#18 table#18 table#15  See Table table#3 table#3</td> <td>Control</td> <td></td>	table#3 table#18 table#18 table#15  See Table table#3 table#3	Control	
4 5 6 7 7 8 8 9 9 100 111 122 133 144 155 160 OVERDEN No. 1 2 3 3 4 5 6 6 6 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	IEQ Low Gain LIPF Cutoff Output Level  LiP Guid Frequency EQ Mid Frequency EQ Mid Gain EQ Mid Width DDry/Wet Balance Edge(Clip Curve)  Parameter Name  Drive EQ Low Frequency EQ Low Frequency EQ Low Gain LIPF Cutoff Output Level  EQ Mid Frequency EQ Mid Frequency	Option V I - + + - + - + - + - + - + - + - +	52-76 34-60 0-127 0 14-54 52-76 10-120 0-127 0-127 0 0 0 0 0 0 0 1-127 0 0 0 0 0 1-127 0 1-127 0 0 0 0 0 1-127 0 1-127 0 0 1-127 0 1-127 0 1-127 0 0 1-127 0 0 0 1-127 0 1-127 0 1-127 0 1-127 0 1-127 0 1-127 0 1-127 0 1-127 0 1-127 0 1-127 0 1-127	12 - 12 (df)   110(kHz) - Thru   0 - 127   100 - 10.0k [Hz]   -12 - 112 (df)   10 - 12.0   103 - 12.0   1053-W - D=W - D <w63 -="" 0="" 1054-w="" 12.0="" 12.<="" 127="" d="W" d<w63="" td=""  =""><td>27 71 48 84 0 32 66 10 127 105 0 0 0 0  Defa  29 24 68 45 55 0 41</td><td>+7(dB] 5.0(kHz] 84</td><td>table#3 table#18 table#15 table#15  See Table table#3 table#3 table#3 table#3</td><td>Control</td><td></td></w63>	27 71 48 84 0 32 66 10 127 105 0 0 0 0  Defa  29 24 68 45 55 0 41	+7(dB] 5.0(kHz] 84	table#3 table#18 table#15 table#15  See Table table#3 table#3 table#3 table#3	Control	
4 5 6 7 8 8 9 100 111 1 1 2 2 3 3 4 4 5 6 6 7 8 8 9 100 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	IEQ Low Gain LIPF Curoff Output Level  LIPF Curoff Output Level  LIPF Curoff Output Level  LIPF Curoff EQ Mid Frequency EEQ Mid Gain EEQ Mid Width Dry/Wet Balance Edge(Clip Curve)  LIPF Curoff Output Level LIPF Curoff Output Level LIPF Curoff Output Level LIPF Curoff EQ Mid Gain EQ Mid Gain EQ Mid Gain Dry/Wet Balance EQ Mid Width Dry/Wet Balance Edge(Clip Curve)	Option  V 1  - + + + + + + + + + + + + + + + + + +	52-76 34-60 0-127 0 14-54 52-76 10-120 1-120 0 0 0 0 0 0 0 0 0 14-54(8-40) 52-76 34-60 0-127 0-127 0-127 0-127 0-127 0-127 0-127 0-127 0-127 0-127 0-127 0-127 0-127 0-127 0-127	-12 - + 12 (dB]    -10,0	27 71 48 84 0 32 66 10 127 105 0 0 0 0 0  Defi  29 24 68 45 55 0 41 72 10 127 104	+7(dB] 5.0(kHz] 84 - 800(Hz] +2(dB] 1.0 D <w63 105<="" td=""><td>table#3 table#18 table#15 table#15  See Table table#3 table#3 table#3 table#3 table#3</td><td></td><td></td></w63>	table#3 table#18 table#15 table#15  See Table table#3 table#3 table#3 table#3 table#3		
4 4 5 6 6 7 8 9 10 11 12 12 13 14 15 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	IEQ Low Gain LIPF Curoff Output Level  LIPF Curoff Output Level  EQ Mid Frequency EQ Mid Width Dry Wet Balance Edge(Clip Curve)  LIPF Curoff  Drive  Parameter Name  Drive EQ Low Gain LIPF Curoff Output Level  EQ Mid Frequency EQ Low Gain LIPF Curoff Output Level  EQ Mid Gain EQ Mid Width Dry Wet Balance Edge(Clip Curve)  EQ Mid Width Dry Wet Balance Edge(Clip Curve)  Lage Clip Curve)  Lage Clip Curvey	Option V 1 - + + - + - + - + - + - + - + - + - +	52-76 34-60 0-127 0 14-54 52-76 10-127 0-127 0-127 0 0 0 0 0 0 14-54(8-40) 52-76 34-60 0-127 0 14-54(28-54) 52-76 10-120 1-120 1-120 0 0 0 0 0	-12 - +12 (dB]    -10,0kHz  - Thru    0 - 127	27 71 48 84 0 32 66 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	+7(dB] 5.0(kHz] 84 - 800(Hz] +2(dB] 1.0 D <w63 105<="" td=""><td>table#3 table#18 table#15 table#15  See Table table#3 table#3 table#3 table#3 table#3</td><td></td><td>Notes</td></w63>	table#3 table#18 table#15 table#15  See Table table#3 table#3 table#3 table#3 table#3		Notes
4 4 5 6 6 7 8 9 10 11 12 13 14 15 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	IEQ Low Gain LIPF Curoff Output Level  LIPF Curoff Output Level  EQ Mid Frequency EQ Mid Width Dry Wet Balance Edge(Clip Curve)  LIPF Curoff  Drive  EQ Low Frequency EQ Low Gain LIPF Curoff Output Level  EQ Mid Frequency EQ Mid Gain EQ Mid Width Dry Wet Balance Edge(Clip Curve)	Option V 1 - + + - + - + - + - + - + - + - + - +	52-76 34-60 0-127 0 14-54 52-76 10-120 1-127 0-127 0-0 0 0 0 0 14-54(8-40) 52-76 34-60 0-127 1-127 0-127	-12 - +12 (dB]    -10,0kHz  - Thru    0 - 127	27 71 48 84 94 96 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	+7(dB] 5.0(kHz) 84 84 84 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	table#3 table#18 table#15 table#15  See Table table#3 table#3 table#3 table#3 table#3		Notes
4 4 5 6 6 7 8 9 10 11 12 13 14 15 5 6 6 7 8 8 9 10 11 12 13 14 15 16 16 16 16 16 16 16 16 16 16 16 16 16	IEQ Low Gain LIPF Cutoff Output Level  LIPF Cutoff Output Level  EQ Mid Frequency EQ Mid Width Dry Wet Balance Edge(Clip Curve)  Parameter Name  Drive EQ Low Frequency EQ Low Gain LIPF Cutoff Output Level EQ Mid Frequency EQ Mid Gain EQ Mid Gain EQ Mid Width Dry/Wet Balance Edge(Clip Curve)	Option V 1 - + + - + - + - + - + - + - + - + - +	52-76 34-60 0-127 0 14-54 52-76 10-120 1-127 0-127 0 0 0 0 0 0 1-127 4-40(8-40) 52-76 34-60 0-127 0 14-54(28-54) 52-76 10-120 1-127 0 0 0 0 0 0 1-127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-12 - +12 (dB]    -10,0kHz  - Thru    0 - 127	27 71 48 84 0 32 66 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 127 105 0 0 0 0 127 105 0 0 127 107 101 101 101 102 101 104 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	+7(dB] 5.0(kHz) 84 84 84 80(ltz) 42(dB) 1.0 D<0:63 105	table#3 table#18 table#15 table#15  See Table table#3 table#3 table#3 table#3 table#3		Notes
4 5 6 7 7 8 8 9 10 11 12 13 14 4 5 6 6 7 7 8 8 9 10 11 11 12 13 14 15 15 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	IEQ Low Gain LIPF Cutoff Soutput Level LiP Guid Frequency EQ Mid Frequency EQ Mid Gain EQ Mid Width DDry/Wet Balance Edge(Clip Curve) Lipe Comparison of the	Option	52-76 34-60 0-127 0 14-54 52-76 10-120 1-127 0-127 0-0 0 0 0 0 14-54(8-40) 52-76 34-60 0-127 1-127 0-127	-12 ~ +12 (dB] 1.0(kHz) ~ Thru 0 ~ 127 100 ~ 10.0k [Hz] -12 ~ +12 (dB] 1.0 ~ 12.0 D63-W ~ D=W ~ D <w63 (db]="" +12="" -12="" 0="" 1.0(khz)="" 10.0k(500="" 10.0k)="" 100="" 12.0="" 127="" 127<="" 2.0k(50="" 2.0k)="" 32="" [hz]="" d="W" d63-w="" d<w63="" data="" display="" range="" td="" thru="" ~=""><td>27 71 48 84 94 0 32 66 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 127 105 0 0 0 127 101 127 104 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>+7(dB] 5.0(kHz) 84 84 84 80(ltz] +2(dB] 1.0 D&lt;\\$63 105</td><td>table#18 table#18 table#15  See Table table#3 table#3 table#3 table#3 table#3 table#3 table#3</td><td></td><td>Notes mild ~ sharp</td></w63>	27 71 48 84 94 0 32 66 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 127 105 0 0 0 127 101 127 104 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	+7(dB] 5.0(kHz) 84 84 84 80(ltz] +2(dB] 1.0 D<\\$63 105	table#18 table#18 table#15  See Table table#3 table#3 table#3 table#3 table#3 table#3 table#3		Notes mild ~ sharp
4 5 6 7 7 8 8 9 100 111 122 133 144 155 166 7 7 8 8 9 100 111 121 131 141 155 166 17 8 17 18 18 18 18 18 18 18 18 18 18 18 18 18	IEQ Low Gain LIPF Cutoff Soutput Level Set Mid Frequency IEQ Mid Gain IEQ Mid Gain IEQ Mid Width DDry/Wet Balance Edge(Clip Curve)  VE  Parameter Name  Drive IEQ Low Frequency IEQ Low Frequency IEQ Low Gain LIPF Cutoff Soutput Level Set Mid Gain ILPF Cutoff Soutput Level IEQ Mid Frequency IEQ Mid Gain IEQ Mid Frequency IEQ Mid Gain IEQ Mid Frequency IEQ Mid Gain IEQ Mid Gain IEQ Mid Gain IEQ Mid Gain IEQ Mid Frequency IEQ Mid Gain IEQ Mid Frequency IEQ Mid Gain IEQ Mid Frequency IEQ Mid Gain IE	Option	52-76 34-60 0-127 0 14-54 52-76 10-120 1-127 0-127 0 0 0 0 0 0 1-127 0 1-127 0 0 0 1-127 0 0 0 0 1-127 0 0 0 0 1-127 0 0 0 0 1-127 0 1-127 0 1-127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-12 ~ +12 (dB] 1.0(kHz) ~ Thru 0 ~ 127 100 ~ 10.0k [Hz] -12 ~ +12 (dB] 1.0 ~ 12.0 D63-W ~ D=W ~ D <w63 (db]="" +12="" -12="" 0="" 1.0(khz)="" 10.0k(500="" 10.0k)="" 127="" 2.0k(50="" 2.0k)="" 32="" <="" [hz]="" data="" display="" range="" td="" thru="" ~=""><td>27 71 48 84 84 0 32 66 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>+7(dB] 50(kHz) 84 - 800[Hz] +2(dB] 1,0 D&lt;\63 105</td><td>table#3 table#18 table#15 table#15  See Table table#3 table#3 table#3 table#3 table#3</td><td></td><td>Notes</td></w63>	27 71 48 84 84 0 32 66 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	+7(dB] 50(kHz) 84 - 800[Hz] +2(dB] 1,0 D<\63 105	table#3 table#18 table#15 table#15  See Table table#3 table#3 table#3 table#3 table#3		Notes
4   5   6   6   7   7   8   8   9   10   11   12   13   14   15   16   17   17   18   19   19   19   19   19   19   19	IEQ Low Gain LIPF Cutoff Output Level  Solid Frequency IEQ Mid Gain IEQ Mid Width DDry/Wet Balance Edge(Clip Curve)  Parameter Name  Drive EQ Low Frequency IEQ Low Frequency IEQ Low Gain LIPF Cutoff Output Level  LIPF Cutoff O	Option  V I  - +  - +  - +  - +  - +  - +  - +  -	52-76 34-60 0-127 0 14-54 52-76 10-120 1-127 0-127 0 0 0 0 0 0 0 1-127 0-127	12 - 12 (df)   1 (log)	27 71 48 84 40 0 32 66 10 0 0 0 0 0 0  Defi  29 24 68 45 55 0 41 72 10 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	+7(dB] 50(kHz) 84 - 800[Hz] +2(dB] 1.0 D<\Seconds 3 105 sult Data Display 29 315[Hz] +4(dB] 3.6(kHz) 55 - 2.2(kHz) +8(dB) 1.0 D<\Seconds 3 104	table#18 table#18 table#15  See Table table#3 table#3 table#3 table#3 table#3 table#3 table#3		Notes mild ~ sharp
4   5   6   6   7   7   8   9   10   11   12   13   14   15   16   17   16   17   17   17   17   17	IEQ Low Gain LIPF Cutoff Soutput Level LIPF Cutoff Soutput Level LEQ Mid Frequency EEQ Mid Gain EQ Mid Width Dry Wet Balance Edge(Clip Curve) Level Le	Option	52-76 34-60 0-127 0 14-54 52-76 10-120 1-127 0 0 0 0 0 0 0 0 0 14-54 52-76 10-127 0 0 0 0 14-54 52-76 34-60 0-127 0 14-54(28-54) 52-76 10-120 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12 - 12 (df)   10 (kfz) - 17	27 71 48 84 94 0 32 66 10 127 105 0 0 0 0 0 0  Defi:  10 127 105 0 0 0 0 0 0 0 0  Defi: 10 10 10 10 10 10 10 10 10 10 10 10 10	+7(dB] 5.0(kHz) 84 84 84 800(ftz] +2(dB] 1.0 D <w63 105<="" td=""><td>table#3 table#18 table#15 table#15  See Table table#3 table#3 table#3 table#18 table#18 table#18</td><td></td><td>Notes mild ~ sharp</td></w63>	table#3 table#18 table#15 table#15  See Table table#3 table#3 table#3 table#18 table#18 table#18		Notes mild ~ sharp
4   5   6   6   7   7   8   8   9   10   11   12   13   14   15   16   17   17   18   19   19   19   19   19   19   19	IEQ Low Gain LIPF Cutoff Output Level  LIPF Cutoff Output Level  EQ Mid Gain  EQ Mid Gain  EQ Mid Width Dry, Wet Balance Edge(Clip Curve)  Lipton  Parameter Name  Drive  EQ Low Frequency  EQ Low Gain  LIPF Cutoff Output Level  EQ Mid Frequency  EQ Mid Width Dry, Wet Balance Edge(Clip Curve)  Lipton  Edge Mid Width  Drive  EA Low Frequency  EQ Mid Width  DryWet Balance Edge(Clip Curve)  Lipton  Edge Mid Width  DryWet DRIVE  Parameter Name  Drive  EQ Low Frequency	Option V 1 - + + + + + + + + + + + + + + + + + +	52-76 34-60 0-127 0 14-54 52-76 10-120 1-127 0-127 0 0 0 0 0 0 1-127 4-40(8-40) 52-76 34-60 0-127	12 - 12 (dB    1.10(kHz  - Thru	27 71 48 84 94 0 32 66 10 127 105 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	+7(dB] 5.0(kHz) 84	table#3 table#18 table#15 table#15  See Table table#3 table#15 table#3 table#18 table#18 table#15		Notes mild ~ sharp
4   5   6   7   7   8   9   10   11   15   15   15   15   15   15	IEQ Low Gain LIPF Cutoff Output Level  LIPF Cutoff Output Level  EQ Mid Gain  EQ Mid Gain  EQ Mid Width Dry/Wet Balance Edge(Clip Curve)  Parameter Name  Drive EQ Low Frequency EQ Low Frequency EQ Low Gain LIPF Cutoff Output Level  EQ Mid Gain EQ Mid Gain EQ Mid Gain EQ Mid Width Dry/Wet Balance Edge(Clip Curve)  LIPF Cutoff Output Level  LIPF Cutoff Output Level  EQ Low Frequency EQ Mid Gain EQ Mid Width Dry/Wet Balance Edge(Clip Curve)  LIPF Cutoff Output Level EQ Low Gain LIPF Cutoff Output Level EQ Low Gain LIPF Cutoff Output Level  EQ Mid Gain EQ Mid Gain EQ Mid Width Drive  EQ Low Gain LIPF Cutoff Output Level  EQ Mid Frequency EQ Mid Frequency	Option V 1 - + + + + + + + + + + + + + + + + + +	52-76 34-60 0-127 0 14-54 52-76 10-120 1-127 0-127 0 0 0 0 0 0 0 14-54 52-76 10-127 0 0 0 0 0 0 0 0 0 0 14-54(28-54) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12 - 12 (df)   1.10 (kfz) - 1.20 (lfz)   1	27 71 48 84 94 0 32 66 100 127 105 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	+7(dB] 5.0(kHz) 84 84 84 800[ftz] +2(dB] 1.0 D<\text{w63} 105	table#18 table#18 table#15  See Table table#3 table#3 table#3 table#3 table#3 table#3 table#3		Notes mild ~ sharp
4 4 5 6 6 7 7 8 8 9 10 11 11 12 13 14 15 16 16 17 18 16 18 16 18 16 18 16 18 16 18 18 18 18 18 18 18 18 18 18 18 18 18	IEQ Low Gain LIPF Cutoff Output Level  EQ Mid Gain EQ Mid Gain EQ Mid Width Dry/Wet Balance Edge(Clip Curve)  Parameter Name  Drive EQ Low Frequency EQ Low Frequency EQ Low Gain LIPF Cutoff Output Level EQ Mid Gain EQ Mid Gain EQ Mid Width  DryWet DryWet Balance Edge(Clip Curve) EQ Mid Gain EQ Mid Gain EQ Mid Width DryWet Balance Edge(Clip Curve)	Option V 1 - + + + + + + + + + + + + + + + + + +	52-76 34-60 0-127 0 14-54 52-76 10-120 1-127 0-127 0 0 0 0 0 0 0 14-54 52-76 10-120 0 0 0 0 0 0 0 0 0 14-54(28-54) 52-76 0 10-120 0 0 0 0 0 0 0 0 0 14-54(28-54) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12 - 12 (ds]   1.10(kHz] - Thru   0 - 127   1.20 - 1.20   1.20	27 71 48 84 94 0 32 66 10 127 105 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	+7(dB] 5.0(kHz) 84 84 84 80(ltz) 1.0 D<\text{w63} 105	table#3 table#18 table#15  See Table table#3 table#3 table#3 table#3 table#3 table#3 table#3 table#15		Notes mild ~ sharp
4   4   5   6   6   7   7   8   9   10   11   12   13   14   15   16   17   17   17   17   17   17   17	IEQ Low Gain LIPF Cutoff Output Level  EQ Mid Frequency EEQ Mid Width DDry/Wet Balance Edge(Clip Curve)  VE  Parameter Name  Drive EQ Low Frequency EEQ Low Gain LIPF Cutoff Output Level  EQ Mid Gain EQ Mid Gain EQ Mid Gain EQ Mid Gain EQ Cutoff Drive Edge(Clip Curve)  VER DRIVE  Parameter Name	Option V 1 - + + + + + + + + + + + + + + + + + +	52-76 34-60 0-127 0 14-54 52-76 10-120 1-127 0 0 0 0 0 0 0 0 0 0 0 0 0 1-127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12 - 12 (df)   10 (kfz) - 12 (df)   10 (kfz) - 12 (df)   10 (df)	27 71 48 84 84 90 32 66 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	+7(dB] 50(kHz) 84 - 800[Hz] +2(dB] 1.0 D<\See 3 105	table#18 table#18 table#15  See Table table#3 table#15  Lable#3 table#3 table#15  See Table table#3 table#15	Control	Notes  mild ~ sharp  Notes
4   5   6   6   7   8   9   10   11   12   13   14   15   16   17   16   17   17   17   17   17	IEQ Low Gain LIPF Cutoff Output Level  EQ Mid Frequency EEQ Mid Width DDry/Wet Balance Edge(Clip Curve)  Parameter Name  Drive EQ Low Frequency EEQ Low Gain LIPF Cutoff Output Level  EQ Mid Gain EQ Mid Gain EQ Mid Gain EQ Curve)  Parameter Name  Drive EQ Low Frequency EEQ Low Gain LIPF Cutoff Output Level  EQ Mid Frequency EEQ Mid Gain EQ Mid Gain Edge(Clip Curve)  LIPF Cutoff Output Level  EQ Low Gain LIPF Cutoff Output Level  EQ Low Gain LIPF Cutoff Drive EQ Low Gain LIPF Cutoff Drive EQ Low Gain LIPF Cutoff Dutput Level  EQ Mid Frequency EQ Low Gain LIPF Cutoff Dutput Level  EQ Mid Frequency EQ Low Gain LIPF Cutoff Dutput Level  EQ Mid Frequency EQ Mid Frequency EQ Mid Frequency EQ Mid Frequency EQ Mid Width Dry/Wet Balance Edge(Clip Curve)	Option V 1 - + + + + + + + + + + + + + + + + + +	52-76 34-60 0-127 0 14-54 52-76 10-120 1-127 0 0 0 0 0 0 0 0 0 0 0 1-127 1-127 0 0 0 0 0 0 0 1-127 0 1-127 0 1-127 0 0 0 0 1-120 1 1-127 0 1 1-127 0 0 0 0 0 0 1 1-127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12 - 12 (df)   1 (log)   12 (lo	27 71 48 84 94 92 66 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	+7(dB] 50(kHz) 84 800[Hz] +2(dB] 1.0 D<\(\text{w63}\) 105	table#3 table#18 table#15  See Table table#3 table#3 table#3 table#3 table#3 table#3 table#3 table#15	Control	Notes mild ~ sharp
4   4   5   6   6   7   7   8   9   9   10   11   12   13   14   15   16   17   17   17   17   17   17   17	IEQ Low Gain LIPF Cutoff Output Level  EQ Mid Frequency EEQ Mid Width DDry/Wet Balance Edge(Clip Curve)  Parameter Name  Drive EQ Low Frequency EEQ Low Gain LIPF Cutoff Output Level  EQ Mid Gain EQ EQ Cutore  Parameter Name  Drive EQ Low Frequency EQ Mid Gain EQ Government EQ Low Gain LIPF Cutoff Output Level  EQ Low Gain LIPF Cutoff Drive EQ Mid Frequency EQ Low Gain LIPF Cutoff Duput Level  EQ Mid Frequency EQ Mid Width Dry/Wet Balance Edge(Clip Curve)	Option V 1 - + + + + + + + + + + + + + + + + + +	52-76 34-60 0-127 0 14-54 52-76 10-120 1-127 0 0 0 0 0 0 0 0 0 0 0 0 1-127 1-127 0 1-127 0 0 0 0 0 0 1-120 1-120 1-120 1-127 0 1-127 0 1-127 0 1-127 0 1-127 0 1-127 0 1-127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12 - 12 (df)   1 (log)   12 (lo	27 71 48 84 94 92 66 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	+7(dB] 5.0(kHz) 84 84 84 800(ftz] +2(dB] 1.0 D <w63 105<="" td=""><td>table#3 table#18 table#15  See Table table#3 table#3 table#3 table#3 table#3 table#3 table#3 table#15</td><td>Control</td><td>Notes  mild ~ sharp  Notes</td></w63>	table#3 table#18 table#15  See Table table#3 table#3 table#3 table#3 table#3 table#3 table#3 table#15	Control	Notes  mild ~ sharp  Notes
4 4 5 6 6 7 8 8 9 10 11 12 13 14 15 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	IEQ Low Gain LIPF Cutoff Output Level  EQ Mid Frequency EEQ Mid Gain EQ Mid Width DDY/Wet Balance Edge(Clip Curve)  Parameter Name  Drive EQ Low Frequency EQ Low Frequency EQ Low Gain LIPF Cutoff Output Level  EQ Mid Frequency EQ Mid Gain EQ Mid Width DDY/Wet Balance Edge(Clip Curve)	Option V 1 - + + + + + + + + + + + + + + + + + +	52-76 34-60 0-127 0 14-54 52-76 10-120 1-127 0-127 0 0 0 0 0 0 14-54 52-76 34-60 0-127 0 14-54(8-40) 0 0 0 0 0 0 0 0 0 14-54-60 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12 - 12 (df)   1 (log)   12 (lo	27 71 48 84 94 0 32 66 10 127 105 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	+7(dB] 5.0(kHz) 4 4 8 4 1.0 DeW63 105	table#3 table#18 table#15  See Table table#3 table#3 table#3 table#3 table#3 table#3 table#3 table#15	Control	Notes  mild ~ sharp  Notes

AMP SIMU							
No.	Parameter Name	Option V I	Data Range Display	Default Data Display	See Table	Control	Notes
2 3	Drive AMP Type LPF Cutoff Output Level	- + 0 - + 0 - + 34 - + 0	- 127	39 39 1 Stack 48 5.0[kHz] 55 55 0 -	table#3 table#18		
6 7 8 9 10	- - - - Dry/Wet Balance Edge(Clip Curve)	- + 1 · · · · · · · · · · · · · · · · · ·	0	0 - 0 - 0 - 0 - 127 D< 112 112 0 - 0 - 0 -	table#15		mild ~ sharp
14 15	-		0 - -	0 -			
16			0  -	0 -			
AMP SIMU No.	LATOR2 Parameter Name	Option	Data Range	Default Data	See Table	Control	Notes
1	Drive	V I + + 0	Display - 127 0 ~ 127	Display 50 50			
4 5 6		+ + 34	0 - 6 Off,Stack,Combo,Tube,Crunch,Hi gain,British 1 - 60 1,0[kHz] ~ Thru 1 - 127 0 − 127 0 - 127	3 tube 48 5.0[kHz] 70 70 0 - 0 -	table#3		
7 8 9 10 11	- - Dry/Wet Balance	+ + 1	0 - 0 - -127 D63>W ~ D=W ~ D <w63 0 -</w63 	0 - 0 - 0 - 127 D <w63 0 - 0 -</w63 	table#15		
13 14 15 16	-		0 - 0 - 0 - 0 -	0 - 0 - 0 - 0 -			
	MP SIMULATOR	1 - '			T.	_	
No.	Parameter Name	Option V I	Data Range Display	Default Data Display	See Table	Control	Notes
2 3	Drive AMP Type LPF Cutoff Output Level	+ + + 0 + + + 0 + + + 0	- 127 0 - 127 - 13 0ffStack.Combo,Tube 1- 60 1[kHz] - Thru 0 - 127 0 0 0	16 16 2 Combo 46 4.0[kHz] 119 119 0 - 0 - 0 - 0	table#3 table#18		
8 9 10	- Dry/Wet Balance Edge -	+ + + 1 - 0 -	0 - 0 - 10 - 127 D63>W ~ D=W ~ D <w63 -="" -<="" 0="" 127="" td=""><td>0 - 0 0 - 127 D<w63 106 106 0 - 0 0 -</w63 </td><td>table#15</td><td></td><td>mild ~ sharp</td></w63>	0 - 0 0 - 127 D <w63 106 106 0 - 0 0 -</w63 	table#15		mild ~ sharp
15 16	-		0 -	0 -			
3BAND EQ							
3BAND EQ No.	Parameter Name	Option V I	Data Range Display	Default Data Display	See Table	Control	Notes
No. 1 2 3 4	Parameter Name  EQ Low Gain  EQ Mid Frequency  EQ Mid Gain  EO Mid Width	V I  - + 52 - + 14 - 54 - + 52 - + 10	Display 2 - 76	Display   70	See Table table#3	Control	Notes
No.  1 2 3 4 5 6 7 8 9 10	Parameter Name  EQ Low Gain EQ Mid Frequency EQ Mid Gain EQ Mid Width EQ High Gain EQ Low Frequency EQ High Frequency	V I  - + 52 - + 14-54 - + 52 - + 10 - + 52 - + 28 - + 28	Display  -12 - +12 [dlB]  -126 - +12 [dlB]  -127 - +12 [dlB]  -128 - +12 - +12 [dlB]  -120 - 10.0 k(500 - 10.0 k) [Hz]  -120 - 12 - +12 [dlB]  -120 - 12 - +12 [dlB]  -120 - 2.0 k [Hz]  -12016.0 k [Hz]  -12712	Display		Control	Notes
No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14	Parameter Name  EQ Low Gain  EQ Mid Fequency  EQ Mid Gain  EQ Mid Width  EQ High Gain  EQ Low Frequency  EQ High Frequency	V I  - + 52 - + 14 - 54 - + 52 - + 10 - + 52 - + 28 - + 28	Display  1-76 -12 - +12 [dB] 100 - 10.0k(500 - 10.0k) [Hz] 1-76 -12 - +12 [dB] 1-100 - 10 - 12.0k 1-20 - 10 - 12.0 1-20 - 10 - 12.0 1-36 -40 50 - 2.0k [Hz] 1-38 - 58 500 - 16.0k [Hz] 0 0	Display	table#3	Control	Notes
No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Parameter Name  EQ Low Gain  EQ Mid Frequency  EQ Mid Gain  EQ Mid Width  EQ High Gain  EQ Low Frequency  EQ High Frequency	V I  - + 52  - + 14 - 54  - + 10  - + 10  - + 28  - + 28  - + 0  0  0  0  0  0  0  0  -	Display  -176	Display	table#3 table#3 table#3		
No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  2BAND EQ No.	Parameter Name  EQ Low Gain EQ Mid Frequency EQ Mid Gain EQ Mid Width EQ High Gain EQ Low Frequency EQ High Frequency	V I	Display  -12 - +12 [dB]  4(28 - 54)   100 - 10.0k(500 - 10.0k) [Hz]  -76   -1 - +12 [dB]  -120   10 - 12.0  -120   10 - 12.0  -176   -1 - +12 [dB]  -40   50 - 2.0k [Hz]  -5   50 - 16.0k [Hz]  -0   -0  -0   -0  -0   -0  -1   Mono,Stereo  Data Range	Display	table#3 table#3 table#3 See Table	Control	Notes  Notes
No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16   2BAND EQ No.  1 2 3 3 4 5 6 6 7 7 8 8 9 10 11 12 13 14 15 16 11 12 13 14 15 16 11 12 13 14 15 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Parameter Name  EQ Low Gain EQ Mid Frequency EQ Mid Gain EQ Mid Width EQ High Gain EQ Low Frequency EQ High Frequency Input Mode  Parameter Name  EQ Low Frequency EQ Low Gain EQ High Frequency EQ High Gain	V I	Display  1-2 - 76  1-2 - 12 [dB]  1(28 - 54)  100 - 10.0k(500 - 10.0k) [Hz]  1-120  1.0 - 12.0  1.0 - 12.0  1.2 - 412 [dB]  1-20  1.0 - 2.0k [Hz]  1-35  3-58  300 - 16.0k [Hz]  0  -  0  -  127  0  -  0  -  0  -  0  -  0  -  0  -  0  -  0  -  0  -  Duta Range	Display	table#3 table#3 table#3		
No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16   2BAND EQ No.  1 2 3 4 4 5 6 7 8 9 9 10 11 12 13 14 15 6 16 11 12 13 14 15 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Parameter Name  EQ Low Gain  EQ Mid Frequency  EQ Mid Gain  EQ Mid Width  EQ High Gain  EQ Low Frequency  EQ High Frequency  Input Mode  Parameter Name  EQ Low Frequency  EQ Low Frequency  EQ High Frequency  EQ High Frequency  EQ High Frequency  EQ High Gain	V   I	Display   12 - +12 [dB]   (18 - 54)   100 - 10.0k(500 - 10.0k) [Hz]   1-76   -12 - +12 [dB]   1-76   1-76   -12 - +12 [dB]   1-76	Display	table#3 table#3 table#3 See Table table#3 table#3	Control	Notes
No.  1 2 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16   2BAND EQ No.  1 2 3 4 5 6 7 7 8 8 9 10 11 11 12 3 3 4 5 6 7 7 8 9 10 11 12 13 14 5 6 7 7 8 9 10 11 12 13 14 15 16 7 8 9 10 11 11 12 13 14 15 16 7 8 9 10 11 11 12 13 14 15 16 7 8 9 10 11 11 12 13 14 15 16 7 8 9 10 11 11 12 13 14 15 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Parameter Name  EQ Low Gain  EQ Mid Frequency  EQ Mid Gain  EQ Mid Width  EQ High Gain  EQ Low Frequency  EQ High Frequency  Input Mode  Parameter Name  EQ Low Frequency  EQ Low Gain  EQ High Frequency  EQ High Frequency  EQ High Frequency  EQ Low Gain  EQ High Frequency  EQ High Gain  Parameter Name  EQ ED Frequency  EQ Low Gain  EQ High Frequency  EQ Low Gain  EQ High Gain  DryWet Balance  Drive	Option  Option  + + + 0  Option  V I  - + 4-44  - + 52  - + 8  - + 28  - + 52  - + 10  Option  V I  - + 4-44  - + 52  - + 10  Option  Option  I V I  - + 4-44  - + 52  - + 10  - + 28  - + 52  - + 10  - + 0  - + 10  - + 52  - + 52  - + 10  - + 0  - + 0  - + 0  - + 10  - + 52  - + 52  - + 10  - + 52  - + 52	Display	Display	table#3 table#3 table#3 See Table table#3		

No.	H+DISTORTION Parameter Name	Option V I		Data Range Display	Defa	ult Data Display	See Table	Control	Notes
2 3 4 5 6 7 8 9 10 11 12 13	LFO Frequency LFO Depth Ctuoff Frequency Offset Resonance EQ Low Frequency EQ Low Gain EQ High Frequency EQ High Gain Dry Wet Balance Drive Distortion EQ Low Gain Distortion EQ Mid Gain LFF Cutoff Output Level	* + + + + + + + + + + + + + + + + + + +	0 - 127 0 - 127 0 - 127 10 - 120 0 4 - 40 52 - 76 28 - 58 52 - 76 1 - 127 0 - 127 52 - 76 34 - 60 0 - 127 0	0.00 ~ 39.7 [Hz] 0 ~ 127 0 ~ 127 1.0 ~ 12.0  - 2.27 1.0 ~ 12.0  - 2.2 ~ 12. [dB] 500 ~ 16.0k [Hz] -12 ~ +12 [dB] 563.w ~ D=W ~ D <w63 +12="" 0="" 12="" 127="" 13="" 14="" 15="" [db]="" [db]<="" td="" ~=""><td>40 73 26 29 0 28 66 46 41 127 30 72 74 53 48</td><td>1.68[Hz] 73 26 2.9 - 500[Hz] +2[dB] 4.0[kHz] +0[dB] D<w63 +10[db]="" +8[db]="" -<="" 30="" 48="" 9.0[khz]="" td=""><td>table#1 table#3 table#3 table#15 table#15</td><td></td><td></td></w63></td></w63>	40 73 26 29 0 28 66 46 41 127 30 72 74 53 48	1.68[Hz] 73 26 2.9 - 500[Hz] +2[dB] 4.0[kHz] +0[dB] D <w63 +10[db]="" +8[db]="" -<="" 30="" 48="" 9.0[khz]="" td=""><td>table#1 table#3 table#3 table#15 table#15</td><td></td><td></td></w63>	table#1 table#3 table#3 table#15 table#15		
	H+OVER DRIVE	Ontion		Data Range	Defa	ult Data	Saa Tabla	Control	Notes
2 3 4 5 6 7 8 9 10 11 12	Parameter Name  LFO Frequency LFO Depth Cutoff Frequency Offset Resonance EQ Low Fequency EQ Low Gain EQ High Frequency EQ High Gain Dry/Wet Balance Drive Distortion EQ Low Gain Distortion EQ Mid Gain	Option   V   I   + + + + + + + + + + + + + + + + +	0 - 127 0 - 127 0 - 127 10 - 127 10 - 120 0 4 - 40 52 - 76 28 - 58 52 - 76 1 - 127 0 - 127 52 - 76 52 - 76	Display  0 - 127  0 - 127  1.0 - 12.0  - 32.0k [Hz] -12 - +12 [dB] 500 - 16.0k [Hz] -12 - +12 [dB] 503-W - D=W - D <w63 +12="" -="" -12="" 0="" 12="" 127="" 163-w="" [db]="" [db]<="" td=""><td>48 64 32 23 0 28 66 46 64 127 29 68 72</td><td>Display 2.02[Hz] 64 32 2.3 - 500[Hz] +2[dB] 4.0[kHz] +0[dB] D<w63 +4[db]="" +8[db]<="" 29="" td=""><td>See Table table#1 table#19 table#3 table#3 table#3</td><td>Control</td><td>Notes</td></w63></td></w63>	48 64 32 23 0 28 66 46 64 127 29 68 72	Display 2.02[Hz] 64 32 2.3 - 500[Hz] +2[dB] 4.0[kHz] +0[dB] D <w63 +4[db]="" +8[db]<="" 29="" td=""><td>See Table table#1 table#19 table#3 table#3 table#3</td><td>Control</td><td>Notes</td></w63>	See Table table#1 table#19 table#3 table#3 table#3	Control	Notes
14	LPF Cutoff Output Level	+ + +	34 - 60 0 - 127 0	1.0[kHz] ~ Thru 0 ~ 127	45 55 0	3.6[kHz] 55	table#3 table#18		
PITCH CH.	ANGE		,	D. D.					
2	Parameter Name  Pitch Initial Delay Fine 1 Fine 2	Option   V I   + + + + + + + + + + + + + + + + + +	40 - 88 0 - 127 14 - 114 14 - 114	Data Range  Display  -24 ~ +24  0.1 ~ 400.0 [ms] -50 ~ +50 -50 ~ +50	64 0 74 54	Display +0 0.1[ms] +10 -10	See Table table#7	Control	Notes  Unitless value Unitless value
5 6 7 8 9 10 11 12 13	Feedback Level	+ + + + + + + + + + + + + + + + + + + +	1 - 127 0 0 0 0 1 - 127 1 - 127 1 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127		64 0 0 0 0 64 1 127 127 127 0	+0[%] D=W L63 127 R63	table#15 table#18 table#18		Unitiess value
PITCH CH.	ANGE 2 Parameter Name	Option		Data Range	Defa	ult Data	See Table	Control	Notes
1 2 3 4 5 6 7 8 9 10 11	Pitch Initial Delay Fine 1 Fine 2 Feedback Level	V I + + + + + + + + + + + + + + + + + +	40 - 88 0 - 127 14 - 114 14 - 114 1 - 127 0 0 0 0 1 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127	Display -24 ~ +24 0.1 ~ 400.0 [ms] -50 ~ +50 [cent] -50 ~ +50 [cent] -99 ~ +99 [%]	65 50 67 61 87 0 0 0 32 1 127 127 127 0 0	Display +1 157.5[ms] +3[cent] -3[cent] +23[%] D32>W L63 127 R63 127	table#7 table#15 table#18 table#18		
HARMONI No.	C ENHANCER Parameter Name	Option		Data Range	Defa	ult Data	See Table	Control	Notes
2	- - - - - - - -	V I + + + + + + + + + + + + + + + + + +	28 - 58 0 - 127 0 - 127 0 0 0 0 0 0 0 127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	500 - 16.0k [Hz]  0 - 127  0 - 127	44 30 48 0 0 0 0 0 0 127 0 0 0 0	Display 3.2[kHz] 30 48	table#3		
TOUCH W No.	AH 1 Parameter Name	Option		Data Range	Defa	ult Data	See Table	Control	Notes
2 3 4 5 6 7 8 9	Sensitivity Cutoff Frequency Offset Resonance  EQ Low Frequency EQ Low Gain EQ High Frequency EQ High Gain DryWet Balance Drive	+ + + + + + + + + + + + + + + + + + +	0 - 127 0 - 127 10 - 120 0 0 4 - 40 52 - 76 28 - 58 52 - 76 1 - 127 0 - 127 0	Display  0 - 127  0 - 127  1.0 ~ 12.0  -  -  -  32 ~ 2.0k [Hz] -12 ~ +12 [dB] 500 ~ 16.0k [Hz] -12 ~ +12 [dB] D63-W ~ D=W ~ D <w63 0="" 127<="" td="" ~=""><td>36 0 30 0 0 28 66 46 64 127 0 0</td><td>Display  36 0 3.0 500[Hz] +2[dB] 4.0[kHz] +0[dB] D<w63 -<="" 0="" td=""><td>table#3 table#3 table#15</td><td></td><td></td></w63></td></w63>	36 0 30 0 0 28 66 46 64 127 0 0	Display  36 0 3.0 500[Hz] +2[dB] 4.0[kHz] +0[dB] D <w63 -<="" 0="" td=""><td>table#3 table#3 table#15</td><td></td><td></td></w63>	table#3 table#3 table#15		

TOUGH WAY DISTORTION								
TOUCH WAH+DISTORTION  No. Parameter Name	Option V I		Data Range	Defa	ult Data Display	See Table	Control	Notes
1 Sensitivity	+ +	0 - 127 0 - 127	Display  0 ~ 127  0 ~ 127	36 0	36			
2 Cutoff Frequency Offset 3 Resonance	+ + +	10 - 120	1.0 ~ 12.0	30	0 3.0			
5 -		0		0	-			
6 EQ Low Frequency 7 EQ Low Gain	+ +	4 - 40 52 - 76	32 ~ 2.0k [Hz] -12 ~ +12 [dB]	28 66	500[Hz] +2[dB]	table#3		
8 EQ High Frequency 9 EQ High Gain	+ + +	28 - 58 52 - 76	500 ~ 16.0k [Hz] -12 ~ +12 [dB]	46 64	4.0[kHz] +0[dB]	table#3		
10 Dry/Wet Balance 11 Drive	+ + + +	1 - 127 0 - 127	D63>W ~ D=W ~ D <w63 0 ~ 127</w63 	127 30	D <w63 30</w63 	table#15		
12 - 13 -		0	<u>-</u>	0	-			
14 - 15 -		0	-	0	-			
16 -		0	-	0	-			
TOUCH WAH+OVER DRIVE  No. Parameter Name	Oution		Data Range	Dofe	ult Data	C T-1-1-	Control	Notes
	Option V I	0 127	Display		Display	See Table	Control	Notes
1 Sensitivity 2 Cutoff Frequency Offset	+ + +	0 - 127 0 - 127	0 ~ 127 0 ~ 127	45 18	45 18			
3 Resonance 4 -	+ +	10 - 120 0	1.0 ~ 12.0	28 0	2.8			
5 - 6 EQ Low Frequency	+ +	0 4 - 40	- 32 ~ 2.0k [Hz]	0 28	500[Hz]	table#3		
7 EQ Low Gain 8 EQ High Frequency	+ +	52 - 76 28 - 58	-12 ~ +12 [dB] 500 ~ 16.0k [Hz]	66 46	+2[dB] 4.0[kHz]	table#3		
9 EQ High Gain 10 Dry/Wet Balance	+ + +	52 - 76 1 - 127	-12 ~ +12 [dB] D63>W ~ D=W ~ D <w63< td=""><td>64 127</td><td>+0[dB] D<w63< td=""><td>table#15</td><td></td><td></td></w63<></td></w63<>	64 127	+0[dB] D <w63< td=""><td>table#15</td><td></td><td></td></w63<>	table#15		
11 Drive 12 Distortion EQ Low Gain	+ + + +	0 - 127 52 - 76	0 ~ 127 -12 ~ +12 [dB]	29 68	29 +4[dB]			
13 Distortion EQ Mid Gain 14 LPF Cutoff	+ +	52 - 76 34 - 60	-12 ~ +12 [dB] 1.0[kHz] ~ Thru	72 45	+8[dB]	table#3		
15 Output Level	+ + +	0 - 127	0 ~ 127	55	3.6[kHz] 55	table#18		
16 Release	+ + +	52 - 67	10 ~ 680 [ms]	64	170[ms]	table#12	ıl	
TOUCH WAH 2  No. Parameter Name	Option		Data Range	Defa	ult Data	See Table	Control	Notes
1 Sensitivity	V I + +	0 - 127	Display 0 ~ 127	68	Display 68			
2 Cutoff Frequency Offset 3 Resonance	+ + +	0 - 127 10 - 120	0 ~ 127 1.0 ~ 12.0	18 60	18 6.0			
4 - 5 -		0	-	0	-			
6 EQ Low Frequency 7 EQ Low Gain	+ +	4 - 40 52 - 76	32 ~ 2.0k [Hz] -12 ~ +12 [dB]	28 66	500[Hz] +2[dB]	table#3		
8 EQ High Frequency 9 EQ High Gain	+ + +	28 - 58 52 - 76	500 ~ 16.0k [Hz] -12 ~ +12 [dB]	46 64	4.0[kHz] +0[dB]	table#3		
10 Dry/Wet Balance 11 Drive	+ + + +	1 - 127 0 - 127	D63>W ~ D=W ~ D <w63 0 ~ 127</w63 	127	D <w63< td=""><td>table#15</td><td></td><td></td></w63<>	table#15		
12 Distortion EQ Low Gain	+ +	52 - 76	-12 ~ +12 [dB]	72 74	+8[dB]			
13 Distortion EQ Mid Gain 14 LPF Cutoff	+ + +	52 - 76 34 - 60	-12 ~ +12 [dB] 1.0[kHz] ~ Thru	53	+10[dB] 9.0[kHz]	table#3		
15 Output Level	+ +	0 - 127	0 ~ 127	57		table#18		
16 Release	+ +	52 - 67	10 ~ 680 [ms]	64	57 170	table#12		
COMPRESSOR	+   +	52 - 67	10 ~ 680 [ms]	64	170	table#12	0 . 1	<u> </u>
COMPRESSOR No. Parameter Name	Option V I		Data Range Display	64 Defa	170 nult Data Display	See Table	Control	Notes
COMPRESSOR  No. Parameter Name  1 Attack 2 Release	V I + + + + + + + + + + + + + + + + + +	0 - 19 0 - 15	10 ~ 680 [ms]	64 Defa	170  ault Data  Display  7[ms]  25[ms]	table#12	Control	Notes
COMPRESSOR  No. Parameter Name  1   Attack 2   Release 3   Threshold 4   Ratio	V I + + + + + + + +	0 - 19 0 - 15 79 - 121 0 - 7	Data Range  Display  1 ~ 40 [ms] 10 ~ 680 [ms]  -48 ~ -6 [dB] 1.0 ~ 20.0	64 Defa 6 2 100 4	170  nult Data  Display  7[ms]  25[ms]  -27[dB]  5.0	see Table table#8 table#9 table#10	Control	Notes
COMPRESSOR  No. Parameter Name  1 Attack 2 Release 3 Threshold 4 Ratio 5 Output Level	V I + + + + + + + + + + + + + + + + + +	0 - 19 0 - 15 79 - 121	Data Range  Display  1 ~ 40 [ms] 10 ~ 680 [ms] 48 ~ 6 [dB]	64 Defa 6 2 100	Display 7[ms] 25[ms] -27[dB]	See Table table#8 table#9	Control	Notes
COMPRESSOR  No. Parameter Name  1 Attack 2 Release 3 Threshold 4 Ratio 5 Output Level 6 -	V I + + + + + + + +	0 - 19 0 - 15 79 - 121 0 - 7 0 - 127	Data Range  Display  1 ~ 40 [ms] 10 ~ 680 [ms]  -48 ~ -6 [dB] 1.0 ~ 20.0	64 Defa 6 2 100 4 96	170  ault Data  Display  7[ms]  25[ms]  -27[dB]  5.0  96	see Table table#8 table#9 table#10	Control	Notes
COMPRESSOR    No.	V I + + + + + + + +	0 - 19 0 - 15 79 - 121 0 - 7 0 - 127 0	Data Range  Display  1 ~ 40 [ms] 10 ~ 680 [ms]  -48 ~ -6 [dB] 1.0 ~ 20.0	64  Defa  6 2 100 4 96 0 0 0	170  ult Data  Display  7[ms]  25[ms]  -27[dB]  5.0  96  -	see Table table#8 table#9 table#10	Control	Notes
COMPRESSOR    No.	V I + + + + + + + +	0 - 19 0 - 15 79 - 121 0 - 7 0 - 127 0 0 0 0	Data Range  Display  1 ~ 40 [ms] 10 ~ 680 [ms]  -48 ~ -6 [dB] 1.0 ~ 20.0	64  Defa  6 2 100 4 96 0 0 0 127 0	170  ault Data  Display  7[ms] 25[ms] -27[dB] 5.0 96	see Table table#8 table#9 table#10	Control	Notes
COMPRESSOR    No.	V I + + + + + + + +	0 - 19 0 - 15 79 - 121 0 - 7 0 - 127 0 0 0 0 127 0 0	Data Range  Display  1 ~ 40 [ms] 10 ~ 680 [ms]  -48 ~ -6 [dB] 1.0 ~ 20.0	64  Defa  6 2 100 4 96 0 0 127 0 0 0	170  Display 7[ms] 25[ms] -27[dB] 5.0 96	see Table table#8 table#9 table#10	Control	Notes
COMPRESSOR    No.	V I + + + + + + + +	0 - 19 0 - 15 79 - 121 0 - 7 0 - 127 0 0 0 0 127 0 0 0	Data Range  Display  1 ~ 40 [ms] 10 ~ 680 [ms]  -48 ~ -6 [dB] 1.0 ~ 20.0	64  Defa  6  2  1000 4  96  0  0  127  0  0  0  0  0  0  0  0  0  0  0  0  0	170  Display 7[ms] 25[ms] -27[dB] 5.0 96	see Table table#8 table#9 table#10	Control	Notes
COMPRESSOR    No.   Parameter Name	V I + + + + + + + +	0 - 19 0 - 15 79 - 121 0 - 7 0 - 127 0 0 0 0 127 0 0	Data Range  Display  1 ~ 40 [ms] 10 ~ 680 [ms]  -48 ~ -6 [dB] 1.0 ~ 20.0	64  Defi  6 2 100 4 96 0 0 0 127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	170  sult Data  Display 7[ms] 25[ms] -27[dB] 5.0 96	see Table table#8 table#9 table#10	Control	Notes
COMPRESSOR    No.	V I + + + + + + + + + + + + + + + + + + +	0 - 19 0 - 15 79 - 121 0 - 7 0 - 127 0 0 0 0 127 0 0 0	10 - 680 [ms]	64  Deft  6 2 100 4 96 0 0 0 127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	170  sult Data  Display 7 ms  25 ms  2-7 dB  5.0 96	see Table table#8 table#9 table#10	Control	Notes  Notes
COMPRESSOR    No.   Parameter Name	V I + + + + + + + + + +	0 - 19 0 - 15 79 - 121 0 - 7 0 - 127 0 0 0 0 0 0 0 0 0 0 0 0	Data Range    Data Range   Display	64  Defs 6 2 100 4 96 0 0 0 127 0 0 0 Defs 0 Defs	170  ult Data  Display 7[ms] 25[ms] 2-7[dB] 5.0 96	see Table table#12  See Table table#8 table#10 table#18  See Table  See Table table#8		
COMPRESSOR    No.   Parameter Name	Option   V I	0 - 19 0 - 15 79 - 121 0 - 7 0 - 127 0 0 0 0 0 127 0 0 0 0 0 0	10 - 680 [ms]	64  Defs 6 2 100 4 96 0 0 0 127 0 0 0 0 0 117 111 82	170  sult Data  Display 7[ms] 25[ms] 25[ms] -27[dB] 5.0 96	table#12  See Table table#9 table#10 table#18  See Table table#18		
COMPRESSOR    No.	Option    V I   + + + + + + + + + + + + + + + + + + +	0 - 19 0 - 15 79 - 121 0 - 7 0 - 127 0 0 0 0 127 0 0 0 0 0 0 0 0	10 ~ 680 [ms]	64  Defi:  6 2 100 4 96 0 0 0 127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	170  uilt Data  Display 7[ms] 25[ms] 25[ms] -27[dB] 5.0 96	see Table table#12  See Table table#8 table#10 table#18  See Table  See Table table#8		
COMPRESSOR    No.	Option   V I	0 - 19 0 - 15 79 - 121 0 - 7 0 - 127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 - 680 [ms]	64  Defs  6 2 100 4 96 0 0 0 127 0 0 0 0 117 0 0 11 82 50	170  sult Data  Display 7[ms] 25[ms] 25[ms] -27[dB] 5.0 96	table#12  See Table table#9 table#10 table#18  See Table table#18		
COMPRESSOR    No.	Option   V I	0 - 19 0 - 15 79 - 121 0 - 7 0 - 127 0 0 0 0 127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 - 680 [ms]	64  Defi  6  2  100  4  96  0  0  127  0  0  0  111  82  50  0  0  0  0  0  0  0  0  0  0  0  0	170  sult Data  Display 7[ms] 25[ms] 25[ms] -27[dB] 5.0 96	table#12  See Table table#9 table#10 table#18  See Table table#18		
COMPRESSOR    No.	Option   V I	0 - 19 0 - 15 79 - 121 0 - 77 0 - 127 0 0 0 0 127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 - 680 [ms]	Defa  64  Defa  6 2  100  4 96  0 0  0 127  0 0  0 0  0 0  111  82  50  0 0  0 0  0 0  0 0  127	170  sult Data  Display 7[ms] 25[ms] 27[dB] 5.0 96	table#12  See Table table#9 table#10 table#18  See Table table#18		
COMPRESSOR    No.	Option   V I	0 - 19 0 - 15 79 - 121 0 - 77 0 - 127 0 0 0 0 127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 - 680 [ms]	Defa	170  sult Data  Display 7[ms] 25[ms] 27[dB] 5.0 96	table#12  See Table table#9 table#10 table#18  See Table table#18		
COMPRESSOR    No.	Option   V I	0 - 19 0 - 15 79 - 121 0 - 7 0 - 127 0 0 0 0 127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 - 680 [ms]	Defa	170  sult Data  Display 7[ms] 25[ms] 27[dB] 5.0 96	table#12  See Table table#9 table#10 table#18  See Table table#18		
No.	Option   V I	0 - 19 0 - 15 79 - 121 0 - 7 0 - 127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 - 680 [ms]	Defa	170  sult Data  Display 7[ms] 25[ms] 27[dB] 5.0 96	table#12  See Table table#9 table#10 table#18  See Table table#18		
COMPRESSOR    No.	Option   V I	0 - 19 0 - 15 79 - 121 0 - 7 0 - 127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Data Range   Display	Defa	170  sult Data  Display 7[ms] 25[ms] 25[ms] -27[dB] 5.0 96	table#12  See Table table#8 table#9 table#10 table#18  See Table table#18  table#18	Control	Notes
COMPRESSOR    No.	Option   V I	0 - 19 0 - 15 79 - 121 0 - 7 0 - 127 0 0 0 0 0 127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 - 680 [ms]	Defa	170  sult Data  Display 7[ms] 25[ms] 27[dB] 5.0 96	table#12  See Table table#9 table#10 table#18  See Table table#18		
COMPRESSOR    No.	Option   V I	0 - 19 0 - 15 79 - 121 0 - 7 0 - 127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Data Range    Data Para   Display	Defa	170	table#12  See Table table#8 table#9 table#10 table#18  See Table table#18  table#18	Control	Notes
COMPRESSOR    No.	Option   V I	0 - 19 0 - 15 79 - 121 0 - 7 0 - 127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Data Range    Data Para   Display	Defa	170  sult Data  Display  7[ms] 25[ms] 25[ms] 27[dB] 5.0 96	table#12  See Table table#8 table#9 table#10 table#18  See Table table#18  table#18	Control	Notes
COMPRESSOR    No.	Option   V I	0 - 19 0 - 15 79 - 121 0 - 7 0 - 127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Data Range    Data Para   Display	Defa	170	table#12  See Table table#8 table#9 table#10 table#18  See Table table#18  table#18	Control	Notes
COMPRESSOR    No.	Option   V I	0 - 19 0 - 15 79 - 121 0 - 7 0 - 127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Data Range    Data Para   Display	Defa   O   O   O   O   O   O   O   O   O	170  ault Data  Display 7[ms] 25[ms] 25[ms] -27[dB] 5.0 96	table#12  See Table table#8 table#9 table#10 table#18  See Table table#18  table#18  See Table	Control	Notes
COMPRESSOR    No.	Option   V I	0 - 19 0 - 15 79 - 121 0 - 77 0 - 127 0 0 0 0 127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Data Range	Defa	170  sult Data  Display 7 ms  25 ms  5-0 96	table#12  See Table table#8 table#9 table#10 table#18  See Table table#18  table#18  See Table	Control	Notes
COMPRESSOR    No.	Option   V I	0 - 19 0 - 15 79 - 121 0 - 779 - 121 0 - 127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Data Range    Data Para   Display	Defa	170  sult Data  Display 7 ms  25 ms  5-0 96	table#12  See Table table#8 table#9 table#10 table#18  See Table table#18  table#18  See Table	Control	Notes
COMPRESSOR    No.	Option   V I	0 - 19 0 - 15 79 - 121 0 - 77 0 - 127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 - 680 [ms]	Defa	170  ault Data  Display 7[ms] 25[ms] 25[ms] -27[dB] 5.0 96	table#12  See Table table#8 table#9 table#10 table#18  See Table table#18  table#18  See Table	Control	Notes
COMPRESSOR    No.	Option   V I	0 - 19 0 - 15 79 - 121 0 - 77 0 - 127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 - 680 [ms]	Defa	170  sult Data  Display 7[ms] 25[ms] 25[ms] -7[dB] 5.0 96	table#12  See Table table#8 table#9 table#10 table#18  See Table table#18  table#18  See Table	Control	Notes

AY ROTARY SPEAKER								
No. Parameter Name	Option		Data Range	Defa	ault Data	See Table	Control	Notes
1 Rotor Speed	V I	0 - 127	Display 0.0 ~ 39.7 [Hz]	16	Display 0.67[Hz]	table#1		
2 Drive Low	+ +	0 - 127	0 ~ 127	26	26	tuoien i		
3 Drive High	+ +	0 - 127	0 ~ 127 L63>H ~ L=H ~ L <h63< td=""><td>35</td><td>35</td><td></td><td></td><td></td></h63<>	35	35			
4 Low/High Balance 5 -	+ +	1 - 127 0	- Losen - L-n - Long	70 0	L <h6< td=""><td></td><td></td><td></td></h6<>			
6 EQ Low Frequency	+ +	4 - 40	32 ~ 2.0k [Hz]	24	315[Hz]	table#3		
7 EQ Low Gain	+ +	52 - 76	-12 ~ +12 [dB] 500 ~ 16.0k [Hz]	60	-4[dB]	. 11 #2		
8 EQ High Frequency 9 EQ High Gain	+ +	28 - 58 52 - 76	500 ~ 16.0k [HZ] -12 ~ +12 [dB]	45 54	3.6[kHz] -10[dB]	table#3		
10 -		127	-	127	-			
11 Crossover Frequency	+ +	14 - 54 0 - 60	100 ~ 10.0k [Hz]	31	700[Hz]	table#3		1.0 01
12 Mic L-R Angle 13 -	+   +	0 - 60	0 ~ 180 [deg]	45 0	135[deg]			resolution=3deg.
14 -		0	-	0	-			
15 -		0	-	0	-			
16 -		U	I <sup>-</sup>	0	-			
TORTION+2WAY ROTARY SPEAKER  No. Parameter Name	Onting		Data Range	D-6	ault Data	See Table	Control	Notes
No. Parameter Name	Option V I		Data Range Display	Dela	Display	See Table	Control	Notes
1 Rotor Speed	+ +	0 - 127	0.0 ~ 39.7 [Hz]	6	0.25[Hz]	table#1		
2 Drive Low	+ +	0 - 127	0 ~ 127 0 ~ 127	28	28 30			
3 Drive High 4 Low/High Balance	+ +	0 - 127 1 - 127	L63>H ~ L=H ~ L <h63< td=""><td>30 64</td><td>L=H</td><td></td><td></td><td></td></h63<>	30 64	L=H			
5 -		0	-	0				
6 EQ Low Frequency	+ +	4 - 40	32 ~ 2.0k [Hz]	24	315[Hz]	table#3		
7 EQ Low Gain	+ +	52 - 76	-12 ~ +12 [dB]	66	+2[dB]	4-1-1-42		
8 EQ High Frequency 9 EQ High Gain	+   +	28 - 58 52 - 76	500 ~ 16.0k [Hz] -12 ~ +12 [dB]	56 59	12[kHz] -5[dB]	table#3		
10 -		127	-	127	-			
11 Crossover Frequency	+ +	14 - 54	100 ~ 10.0k [Hz]	36	1.2[kHz]	table#3		
12 Mic L-R Angle	+ +	0 - 60	0 ~ 180 [deg]	60	180[deg]			resolution=3deg.
13 - 14 Drive		0 0 - 127	0 ~ 127	0 3	3			
15 LPF Cutoff	+ +	34 - 60	1.0[kHz] ~ Thru	48	5.0[kHz]	table#3		
16 Output Level	+ +	0 - 127	0 ~ 127	60	60	table#18		
ER DRIVE+2WAY ROTARY SPEAKER								
No. Parameter Name	Option V I		Data Range	Defa	ault Data	See Table	Control	Notes
1 Rotor Speed	V 1	0 - 127	Display 0.0 ~ 39.7 [Hz]	5	Display 0.21[Hz]	table#1		
2 Drive Low	+ +	0 - 127	0 ~ 127	28	28			
3 Drive High	+ +	0 - 127	0 ~ 127	30	30			
4 Low/High Balance	+ +	1 - 127	L63>H ~ L=H ~ L <h63< td=""><td>62</td><td>L2</td><td></td><td></td><td></td></h63<>	62	L2			
5 - 6 EQ Low Frequency		0 4 - 40	32 ~ 2.0k [Hz]	0 20	200[Hz]	table#3		
7 EQ Low Gain	+ +	52 - 76	-12 ~ +12 [dB]	67	+3[dB]	шистэ		
8 EQ High Frequency	+ +	28 - 58	500 ~ 16.0k [Hz]	56	12.0[kHz]	table#3		
9 EQ High Gain	+ +	52 - 76	-12 ~ +12 [dB]	60	-4[dB]			
10 -		127	- 100 = 10.0k [Ha]	127		toblo#2		
11 Crossover Frequency 12 Mic L-R Angle	+ +	14 - 54 0 - 60	100 ~ 10.0k [Hz] 0 ~ 180 [deg]	33 60	900[Hz] 180[deg]	table#3		resolution=3deg.
12 Mic L-R Angle 13 -		0 - 60	-	0				resonation—sucg.
14 Drive	+ +	0 - 127	0 ~ 127	4	4			
15 LPF Cutoff	+ +	34 - 60	1.0[kHz] ~ Thru	46	4.0[kHz]	table#3		
16 Output Level	+ +	0 - 127	0 ~ 127	50	50	table#18	1	1
IP SIMULATOR+2WAY ROTARY SPEAKER			D. D	1 -	l. D			
No. Parameter Name	Option V I		Data Range Display	Defa	ult Data Display	See Table	Control	Notes
ale e	1 1 1 1 1	0 - 127	0.0 ~ 39.7 [Hz]	8	0.34[Hz]	table#1		
l Rotor Speed	+ +							
2 Drive Low	+ +	0 - 127	0 ~ 127	27	27			
2 Drive Low 3 Drive High	+ + + + + + + + + + + + + + + + + + + +	0 - 127 0 - 127	0 ~ 127	29	29			
2 Drive Low 3 Drive High 4 Low/High Balance 5 -		0 - 127 0 - 127 1 - 127 0	0 ~ 127 L63>H ~ L=H ~ L <h63 -</h63 	29 64 0	29 L=H -			
2 Drive Low 3 Drive High 4 Low/High Balance 5 - 6 EQ Low Frequency		0 - 127 0 - 127 1 - 127 0 4 - 40	0 ~ 127 L63>H ~ L=H ~ L <h63 - 32 ~ 2.0k [Hz]</h63 	29 64 0 17	29 L=H - 140[Hz]	table#3		
2 Drive Low 3 Drive High 4 Low/High Balance 5 - 6 EQ Low Frequency 7 EQ Low Gain	+ + + + + + + +	0 - 127 0 - 127 1 - 127 0 4 - 40 52 - 76	0 ~ 127 L63>H ~ L=H ~ L <h63 - 32 ~ 2.0k [Hz] -12 ~ +12 [dB]</h63 	29 64 0 17 66	29 L=H - 140[Hz] +2[dB]			
2 Drive Low 3 Drive High 4 Low/High Balance 5- 6 EQ Low Frequency 7 EQ Low Gain 8 EQ High Frequency	+ + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 4 - 40 52 - 76 28 - 58	0 ~ 127 L63>H ~ L=H ~ L <h63 - 32 ~ 2.0k [Hz] -12 ~ +12 [dB] 500 ~ 16.0k [Hz]</h63 	29 64 0 17 66 58	29 L=H - 140[Hz] +2[dB] 16[kHz]	table#3		
2 Drive Low 3 Drive High 4 Low/High Balance 5 - 6 EQ Low Frequency 7 EQ Low Gain	+ + + + + + + +	0 - 127 0 - 127 1 - 127 0 4 - 40 52 - 76	0 ~ 127 L63>H ~ L=H ~ L <h63 - 32 ~ 2.0k [Hz] -12 ~ +12 [dB]</h63 	29 64 0 17 66 58 52	29 L=H - 140[Hz] +2[dB]			
2 Drive Low 3 Drive High 4 Low/High Balance 5 - 6 EQ Low Frequency 7 EQ Low Gain 8 EQ High Frequency 9 EQ High Gain 10 - 11 Crossover Frequency	+ + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 4 - 40 52 - 76 28 - 58 52 - 76 127 14 - 54	0 ~ 127 L63>H ~ L=H ~ L <h63 -2 ~ 2.0k [Hz] -12 ~ +12 [dB] 500 ~ 16.0k [Hz] -12 ~ +12 [dB] -100 ~ 10.0k [Hz]</h63 	29 64 0 17 66 58 52 127 33	29 L=H - 140[Hz] +2[dB] 16[kHz] -12[dB] - 900[Hz]			
2 Drive Low 3 Drive High 4 Low/High Balance 5- 6 EQ Low Frequency 7 EQ Low Gain 8 EQ High Frequency 9 EQ High Gain 10 - 11 Crossover Frequency 12 Mic L-R Angle	+ + + + + + + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 4 - 40 52 - 76 28 - 58 52 - 76 127 14 - 54 0 - 60	0 ~ 127 L63>H ~ L=H ~ L <h63 -7 32 ~ 2.0k [Hz] -12 ~ +12 [dB] 500 ~ 16.0k [Hz] -12 +12 [dB] -10 ~ 10.0k [Hz] 0 ~ 180 [deg]</h63 	29 64 0 17 66 58 52 127 33 60	29 L=H - 140[Hz] +2[dB] 16[kHz] -12[dB] - 900[Hz] 180[deg]	table#3		resolution=3deg.
2 Drive Low 3 Drive High 4 Low-High Balance 5 - 6 EQ Low Frequency 7 EQ Low Gain 8 EQ High Frequency 9 EQ High Frequency 1 Crossover Frequency 12 Mic L-R Angle 13 JAMP Type	+ + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 4 - 40 52 - 76 28 - 58 52 - 76 127 14 - 54 0 - 60 0 - 3	0 - 127 L63>H - L=H - L <h63 32 - 2.0k (Hz) -12 - +12 [dB] 500 - 16.0k (Hz) -12 - +12 [dB] -100 - 10.0k (Hz) 0 - 180 [deg] 0/ff.Stack.Combo.Tube</h63 	29 64 0 17 66 58 52 127 33 60 3	29 L=H - 140[Hz] +2[dB] 16[kHz] -12[dB] - 900[Hz] 180[deg] Tube	table#3		resolution=3deg.
2 Drive Low 3 Drive High 4 Low/High Balance 5 - 6 EQ Low Frequency 7 EQ Low Gain 8 EQ High Frequency 9 EQ High Gain 10 - 11 Crossover Frequency 12 Mic L-R Angle 13 AMP Type 14 Drive	+ + + + + + + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 4 - 40 52 - 76 28 - 58 52 - 76 127 14 - 54 0 - 60	0 ~ 127 L63>H ~ L=H ~ L <h63 -2 ~ 2.0k [Hz] -12 ~ +12 [dB] 500 ~ 16.0k [Hz] -12 ~ +12 [dB] -10 ~ 10.0k [Hz] 0 ~ 180 [deg] Off.Stack.Combo,Tube 0 ~ 127</h63 	29 64 0 17 66 58 52 127 33 60 3	29 L=H - 140[Hz] +2[dB] 16[kHz] -12[dB] - 900[Hz] 180[deg] Tube 3	table#3		resolution=3deg.
2 Drive Low 3 Drive High 4 Low-High Balance 5 - 6 EQ Low Frequency 7 EQ Low Gain 8 EQ High Frequency 9 EQ High Frequency 1 Crossover Frequency 12 Mic L-R Angle 13 JAMP Type	+ + + + + + + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 4 - 40 52 - 76 28 - 58 52 - 76 127 14 - 54 0 - 60 0 - 3 0 - 127	0 - 127 L63>H - L=H - L <h63 32 - 2.0k (Hz) -12 - +12 [dB] 500 - 16.0k (Hz) -12 - +12 [dB] -100 - 10.0k (Hz) 0 - 180 [deg] 0/ff.Stack.Combo.Tube</h63 	29 64 0 17 66 58 52 127 33 60 3	29 L=H - 140[Hz] +2[dB] 16[kHz] -12[dB] - 900[Hz] 180[deg] Tube	table#3		resolution=3deg.
2 Drive Low 3 Drive High 4 Low/High Balance 5- 6 EQ Low Frequency 7 EQ Low Gain 8 EQ High Frequency 9 EQ High Gain 10- 11 Crossover Frequency 12 Mic Le A Angle 13 AMP Type 14 Drive 15 LPF Cutoff 16 Output Level	+ + + + + + + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 4 - 40 52 - 76 28 - 58 52 - 76 127 14 - 54 0 - 60 0 - 3 0 - 127 34 - 60	0 - 127 L63>H - L=H - L <h63 -32 - 2.0k (Hz) -12 - +12 [dB] 500 - 16.0k (Hz) -12 - +12 [dB] -100 - 10.0k (Hz) 0 - 180 [deg] 0/ff.Stack.Combo.Tube 0 - 127 1.0[kHz] - Thru</h63 	29 64 0 17 66 58 52 127 33 60 3 3	29 L=H - 140[Hz] +2[dB] 16[kHz] -12[dB] 2 900[Hz] 180[deg] Tube 3 5.0[kHz]	table#3 table#3		resolution=3deg.
2 Drive Low 3 Drive High 4 Low/High Balance 5 - 6 EQ Low Frequency 7 EQ Low Gain 8 EQ High Frequency 9 EQ High Gain 10 - 11 Crossover Frequency 12 Mic L-R Angle 13 AMP Type 14 Drive 15 LFF Cutoff 16 Output Level	+ + + + + + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 4 - 40 52 - 76 28 - 58 52 - 76 127 14 - 54 0 - 60 0 - 3 0 - 127 34 - 60	0 − 127 L63≻H − L=H − L <h63 -12 − +12 [dB] -12 − +12 [dB] -10 − 10.0k [Hz] -10 − 10.0k [Hz] 0 − 180 [deg] 00'f.Stack.Combo,Tube 0 − 127 1.0kHz] − Thru 0 − 127</h63 	29 64 0 17 66 58 52 127 33 60 3 3 48	29 L=H -140[Hz] +2[dB] 16[kHz] -12[dB] -900[Hz] 180[deg] Tube 3 5.0[kHz] 52	table#3 table#3	Control	resolution=3deg.  Notes
2 Drive Low 3 Drive High 4 Low/High Balance 5 - 6 EQ Low Frequency 7 EQ Low Gain 8 EQ High Frequency 9 EQ High Gain 10 - 11 Crossover Frequency 12 Mic L-R Angle 13 AMP Type 14 Drive 15 LIPF Cunoff 16 Output Level No. Parameter Name	+ + + + + + + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 4 - 40 52 - 76 28 - 58 52 - 76 127 14 - 54 0 - 60 0 - 3 0 - 127 34 - 60 0 - 127	0 ~ 127 L63>H ~ L=H ~ L <h63 -12 ~ +12 [dB] 500 ~ 16.0k [Hz] -12 ~ +12 [dB] -100 ~ 10.0k [Hz] 0 ~ 180 [deg] 0 ff.Stack.Combo.Tube 0 ~ 127 L0[kHz] ~ Thru 0 ~ 127</h63 	29 64 0 17 66 58 52 127 33 60 3 3 48 52	29 L=H - 140[Hz] +2[dB] 16[kHz] -12[dB] - 900[Hz] 180[deg] Tube 3 5.0[kHz] 52	table#3 table#3 table#3 table#18	Control	
2 Drive Low 3 Drive High 4 Low/High Balance 5 - 6 EQ Low Frequency 7 EQ Low Gain 8 EQ High Frequency 9 EQ High Gain 10 11 Crossover Frequency 12 Mic L-R Angle 13 AMP Type 14 Drive 15 LIFF Cutoff 16 Output Level No. Parameter Name 1 Detune 2 Lich Init Delay	+ + + + + + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 4 - 40 52 - 76 28 - 58 52 - 76 127 14 - 54 0 - 60 0 - 3 0 - 127 34 - 60	0 − 127 L63≻H − L=H − L <h63 -12 − +12 [dB] -12 − +12 [dB] -10 − 10.0k [Hz] -10 − 10.0k [Hz] 0 − 180 [deg] 00'f.Stack.Combo,Tube 0 − 127 1.0kHz] − Thru 0 − 127</h63 	29 64 0 17 66 58 52 127 33 60 3 3 48	29 L=H - 140[Hz] +2[dB] 16[kHz] -12[dB] - 900[Hz] 180[deg] Tube 3 5.0[kHz] 52	table#3 table#3 table#3 table#18	Control	
2 Drive Low 3 Drive High 4 Low/High Balance 5 EQ Low Frequency 7 EQ Low Gain 8 EQ High Frequency 9 EQ High Gain 10 - 11 Crossover Frequency 12 Mic L-R Angle 13 AMP Type 14 Drive 15 LPF Cutoff 16 Output Level  SEMBLE DETUNE  Parameter Name 1 Detune	+ + + + + + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 4 - 40 52 - 76 52 - 76 127 14 - 54 0 - 60 0 - 127 34 - 60 0 - 127 14 - 114 0 - 127	0 - 127 L63>H - L=H - L <h63 +12="" +50="" -="" -100="" -12="" -50="" 0="" 10.0k="" 127="" 16.0k="" 180="" 2.0k="" 32="" 500="" [cent]<="" [db]="" [deg]="" [hz]="" data="" display="" ff.stack.combo.tube="" l0[hz]="" range="" td="" thru=""><td>29 64 0 17 66 58 52 127 33 60 3 3 48 52</td><td>29 L=H - 140[Hz] +2[dB] 16[kHz] -12[dB] - 900[Hz] 180[deg] Tube 3 5.0[kHz] 52</td><td>table#3 table#3 table#3 table#18 See Table</td><td>Control</td><td></td></h63>	29 64 0 17 66 58 52 127 33 60 3 3 48 52	29 L=H - 140[Hz] +2[dB] 16[kHz] -12[dB] - 900[Hz] 180[deg] Tube 3 5.0[kHz] 52	table#3 table#3 table#3 table#18 See Table	Control	
2 Drive Low 3 Drive High 4 Low/High Balance 5 - 6 EQ Low Frequency 7 EQ Low Gain 8 EQ High Frequency 9 EQ High Gain 10 Crossover Frequency 12 Mic L-R Angle 13 AMP Type 14 Drive 15 LIPF Cutoff 16 Output Level  SEMBLE DETUNE No. Parameter Name 1 Detune 2 Lich hint Delay	+ + + + + + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 4 - 40 52 - 76 28 - 58 52 - 76 127 14 - 54 0 - 60 0 - 3 0 - 127 34 - 60 0 - 127 0 - 127 0 - 127 0 - 127	0 - 127 L63>H - L=H - L <h63 +12="" +50="" -="" -100="" -12="" -50="" 0="" 10.0k="" 127="" 16.0k="" 180="" 500="" [cent]="" [db]="" [deg]="" [hz]="" [ms]<="" data="" display="" l0[khz]="" range="" td="" thru=""><td>29 64 0 17 66 58 52 127 33 60 3 3 48 52 Defi</td><td>29 L=H -140[Hz] +2[dB] 16[kHz] -12[dB] -10[dB] 3 5.0[kHz] 52 ault Data Display -10[cent] 0.0[ms]</td><td>table#3 table#3 table#3 table#18 See Table table#2</td><td>Control</td><td></td></h63>	29 64 0 17 66 58 52 127 33 60 3 3 48 52 Defi	29 L=H -140[Hz] +2[dB] 16[kHz] -12[dB] -10[dB] 3 5.0[kHz] 52 ault Data Display -10[cent] 0.0[ms]	table#3 table#3 table#3 table#18 See Table table#2	Control	
2 Drive Low 3 Drive High 4 Low/High Balance 5 - 6 EQ Low Frequency 7 EQ Low Gain 8 EQ High Frequency 9 EQ High Gain 10 11 Crossover Frequency 12 Mic L-R Angle 13 AMP Type 14 Drive 15 LIFF Cutoff 16 Output Level No. Parameter Name 1 Detune 2 Lich Init Delay	+ + + + + + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 4 - 40 52 - 76 127 14 - 54 0 - 60 0 - 3 0 - 127 34 - 60 0 - 127 0 - 127 0 - 127	0 - 127 L63>H - L=H - L <h63 +12="" +50="" -="" -100="" -12="" -50="" 0="" 10.0k="" 127="" 16.0k="" 180="" 500="" [cent]="" [db]="" [deg]="" [hz]="" [ms]<="" data="" display="" l0[khz]="" range="" td="" thru=""><td>29 64 0 17 66 58 52 127 33 3 3 48 52 Defr 0 0 0</td><td>29 L=H -140[Hz] +2[dB] 16[kHz] -12[dB] -10[dB] 3 5.0[kHz] 52 ault Data Display -10[cent] 0.0[ms]</td><td>table#3 table#3 table#3 table#18 See Table table#2</td><td>Control</td><td></td></h63>	29 64 0 17 66 58 52 127 33 3 3 48 52 Defr 0 0 0	29 L=H -140[Hz] +2[dB] 16[kHz] -12[dB] -10[dB] 3 5.0[kHz] 52 ault Data Display -10[cent] 0.0[ms]	table#3 table#3 table#3 table#18 See Table table#2	Control	
2 Drive Low 3 Drive High 4 Low/High Balance 5 - 6 EQ Low Frequency 7 EQ Low Gain 8 EQ High Frequency 9 EQ High Gain 10 Crossover Frequency 12 Mic L-R Angle 13 AMP Type 14 Drive 15 LIPF Cutoff 16 Output Level  SEMBLE DETUNE No. Parameter Name 1 Detune 2 Lich hint Delay	+ + + + + + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 4 - 40 52 - 76 28 - 58 52 - 76 127 14 - 54 0 - 60 0 - 3 0 - 127 34 - 60 0 - 127 0 - 127 0 - 127 0 - 127	0 - 127 L63>H - L=H - L <h63 +12="" +50="" -="" -100="" -12="" -50="" 0="" 10.0k="" 127="" 16.0k="" 180="" 500="" [cent]="" [db]="" [deg]="" [hz]="" [ms]<="" data="" display="" l0[khz]="" range="" td="" thru=""><td>29 64 0 17 66 58 52 127 33 60 3 3 48 52 Defi</td><td>29 L=H -140[Hz] +2[dB] 16[kHz] -12[dB] -12[dB] -10[cent] 52 ault Data Display -10[cent] -10[cent]</td><td>table#3 table#3 table#3 table#18 See Table table#2</td><td>Control</td><td></td></h63>	29 64 0 17 66 58 52 127 33 60 3 3 48 52 Defi	29 L=H -140[Hz] +2[dB] 16[kHz] -12[dB] -12[dB] -10[cent] 52 ault Data Display -10[cent] -10[cent]	table#3 table#3 table#3 table#18 See Table table#2	Control	
2 Drive Low 3 Drive High 4 Low/High Balance 5 - 6 EQ Low Frequency 7 EQ Low Gain 8 EQ High Gain 10 Cossover Frequency 12 Mic L-R Angle 13 AMP Type 14 Drive 15 LPF Cutoff 16 Oupput Level  SEMBLE DETUNE No. Parameter Name 1 Detune 2 Lch Init Delay	+ + + + + + + + + + + + + + + + + + +	0 - 127 0 - 127 1 - 127 0 - 4-40 52 - 76 127 14 - 54 0 - 60 0 - 3 0 - 127 34 - 60 0 - 127 0 - 127 0 - 127 0 - 0 0 - 0 0 - 0 0 - 127	0 - 127 L63>H - L=H - L <h63 +12="" +50="" -="" -100="" -12="" -50="" 0="" 10.0k="" 127="" 16.0k="" 180="" 500="" [cent]="" [db]="" [deg]="" [hz]="" [ms]<="" data="" display="" l0[khz]="" range="" td="" thru=""><td>29 64 64 0 17 66 65 52 127 33 60 3 3 48 52  Defr  0 0 0 0 0 0</td><td>29 L=H 140[Hz] +2[dB] 16[kHz] -12[dB] 900[Hz] 180[deg] Tube 3 5.0[kHz] 52 sult Data Display -10[cent] 0.0[ms] 0.0[ms]</td><td>table#3 table#3 table#3 table#18 See Table table#2</td><td>Control</td><td></td></h63>	29 64 64 0 17 66 65 52 127 33 60 3 3 48 52  Defr  0 0 0 0 0 0	29 L=H 140[Hz] +2[dB] 16[kHz] -12[dB] 900[Hz] 180[deg] Tube 3 5.0[kHz] 52 sult Data Display -10[cent] 0.0[ms] 0.0[ms]	table#3 table#3 table#3 table#18 See Table table#2	Control	
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VOCOI	DER HARMONY D. Parameter Name	Option		Data Range	Defa	ult Data	See Table	Control	Notes
	Mode  2 Harmony Gender Type  3 Lead Gender Type  4 Lead Gender Deph  5 Lead Pitch correction  6 Auto Upper Gender Threshold  7 Auto Lower Gender Threshold  8 Upper Gender Depth  9 Lower Gender Depth  10 Lead/Harmony  11 Vibrato depth  12 Vibrato depth  13 Vibrato depth  14 -  15 -  16 -	V I + + + + + + + + + + + + + + + + + + +	0 - 7  0 - 1 0 - 3 0 - 127 0 - 1 0 - 12 0 - 12 0 - 12 1 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 0 - 0	Display no trns, auto trans, -3 oct trns, -2 oct trns, -1 oct trns, -1 oct trns, -2 oct trns, -1 oct trns, -1 oct trns, -2 oct trns off, auto off, unis, male, fern64 - +63 off, on 0 - 12 0 - 12 -64 - +63 -64 - +63 -63 - +63 -63 - 127 0 - 127 0 - 127	0 0 0 64 0 1 1 84 44 64 39 47 0 0	Display no trns  off off +0 off 1 1 +20 -20 L=H 39 47 0 -			
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N	Parameter Name     Mode	Option V I + +	0 - 9	Data Range Display duet above,duet below,duet abv+b,trio above,	0	Display duet above	See Table	Control	Notes
	2. Harmony Gender Type 3. Lead Gender Type 4. Lead Gender Depth 5. Lead Pitch Correction 6. Auto Upper Gender Threshold 7. Auto Lower Gender Threshold 8. Upper Gender Depth 91. Lower Gender Depth 91. Lead/Harmony 11 Vibrato depth 12 Vibrato ate 13 Vibrato delay 14. 15. 16.	+ + + + + + + + + + + + + + + + + + +	0 - 1 0 - 3 0 - 127 0 - 1 0 - 12 0 - 12 0 - 127 0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 0 - 0	trio a&b.trio below,trio a&b+b,quar above, quar a&bquar below offauto offauto, and trion	0 0 64 0 1 1 84 44 64 39 47 0 0	off off +0 off 1 1 +20 -20 L=H 39 47 0			
DETUN	E HARMONY D. Parameter Name	Option		Data Range	Def	ult Data	See Table	Control	Notes
	1 Mode	V I   + +	0 - 3	Display low,mid-low,mid-high,high	0	Display low	See Table	Control	110103
	2 - 3 Lead Gender Type 4 Lead Gender Depth 5 - 6 - 7 - 8 - 9 - 9 - 10 Lead/Harmony 11 Vibrato depth 12 Vibrato nate 13 Vibrato aleay 14 - 15 - 16 - 16 - 16 - 16 - 16 - 16 - 16	+ + + + + + + + + + + +	0 0 - 3 0 - 127 0 0 0 0 0 1 - 127 0 - 127 0 - 127 0 0 0	off,unis,male,fem.  -64 ~ +63	0 0 64 0 0 0 0 0 0 64 39 47 0 0	- off +0 			
CHRON	MATIC HARMONY D. Parameter Name	Oution		Data Range	Dofe	ult Data	See Table	Control	Notes
N	I Mode 2 Harmony Gender Type 3 Lead Gender Type 4 Lead Gender Depth 4 Lead Gender Depth 6 Auto Upper Gender Threshold 7 Auto Lower Gender Threshold 8 Upper Gender Depth 9 Lower Gender Depth 10 Lead/Harmony 11 Vibrato depth 12 Vibrato depth 13 Vibrato delay 14 15 16	Option    V   I     + +     +	0 - 6  0 - 1 0 - 3 0 - 127 0 - 12 0 - 12 0 - 12 0 - 12 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 0 - 0	Display  oct below, 3rd below, 4th below, unison, 3rd above, 5th above, oct above off, auto off,	0 0 0 64 0 1 1 84 44 44 47 0 0 0	oct below  off off +0 off 1 1 +20 -20 L=H 39 99 47 0 -	See Table	Control	Notes
TALKI	NG MODULATOR D. Parameter Name	Option		Data Range	Defa	ult Data	See Table	Control	Notes
	I Vowel 2 Move Speed 3 Dirve 4 Output Level 5 6 7 7 8 9 10 10 11 12 12 13 14 15 16	V 1 + + + + + + + + + + + + + + + + + + +	0 - 4 1 - 62 0 - 127 0 - 127 0 0 0 0 0 0 127 0 0 0 0	Display a,i,u,e,o 1 - 62 0 - 127 0 - 127 -	0 15 31 63 0 0 0 0 0 127 0 0 0	Display  a 15 31 63	table#18		
LO-FI	o. Parameter Name	Option		Data Range	Defa	ult Data	See Table	Control	Notes
	Sampling Freq Control Word Length Output Gain LPF Cutoff Filter type GLPF Resonance 7 Bit Assign 8 Emphasis 9 - 10 Dry/Wet Balance 11 - 12 - 13 - 14 -	V I	0 - 127 1 - 127 0 - 42 10 - 60 0 - 5 10 - 120 0 - 6 0 - 1 0 1 - 127 0 0	Display  14.1k - 345 [Hz] 1 - 127 -6 - +36 [dB] 63[Hz] - Thru Thru,PowerBas,Radio,Telephone,Clean,Low 1.0 - 12.0 0 - 6 Off.On D63>W - D=W - D <w63< td=""><td>2 60 6 54 5 10 1 1 0 127 0 0 0</td><td>Display</td><td>table#13 table#3 table#15</td><td></td><td></td></w63<>	2 60 6 54 5 10 1 1 0 127 0 0 0	Display	table#13 table#3 table#15		

DISTORTIO	ON+DELAY								
No.	Parameter Name	Option		Data Range	Defa	ult Data	See Table	Control	Notes
	Lch Delay Time	V I	1 - 16383	Display 0.1 ~ 1638.3 [ms]	2500	Display 250.0[ms]			
2	2 Rch Delay Time	+ +	1 - 16383	0.1 ~ 1638.3 [ms] 0.1 ~ 1638.3 [ms]	3000	300.0[ms]			
	3 Delay Feedback Time 4 Delay Feedback Level	+ +	1 - 16383 1 - 127	0.1 ~ 1638.3 [ms] -63 ~ +63	3750 74	375.0[ms] +10	table#16		
5	5 Delay Mix	+ +	0 - 127	0 ~ 127	70	70			
	5 Dist Drive 7 Dist Output Level	+ +	0 - 127 0 - 127	0 ~ 127 0 ~ 127	40 48	40 48	table#18		
8	8 Dist EQ Low Gain	+ +	52 - 76	-12 ~ +12 [dB]	72	+8[dB]			
16	9 Dist EQ Mid Gain 0 Dry/Wet Balance	+ +	52 - 76 1 - 127	-12 ~ +12 [dB] D63>W ~ D=W ~ D <w63< td=""><td>74 127</td><td>+10[dB] D<w63< td=""><td>table#15</td><td></td><td></td></w63<></td></w63<>	74 127	+10[dB] D <w63< td=""><td>table#15</td><td></td><td></td></w63<>	table#15		
11	l -	+ +	0	D63>W ~ D=W ~ D <w63< td=""><td>0</td><td>D<w03< td=""><td>table#15</td><td></td><td></td></w03<></td></w63<>	0	D <w03< td=""><td>table#15</td><td></td><td></td></w03<>	table#15		
12			0	-	0	-			
13 14			0	[	0	-			
15	5 -		0	-	0	-			
16	5 -		0	-	0	-			
	VE+DELAY								
No.	Parameter Name	Option V I		Data Range Display	Defa	ult Data Display	See Table	Control	Notes
	Lch Delay Time	+ +	1 - 16383	0.1 ~ 1638.3 [ms]	1900	190.0[ms]			
2	2 Rch Delay Time 3 Delay Feedback Time	+ +	1 - 16383 1 - 16383	0.1 ~ 1638.3 [ms] 0.1 ~ 1638.3 [ms]	1400 2500	140.0[ms] 250.0[ms]			
	4 Delay Feedback Level	+ +	1 - 10383	-63 ~ +63	78	+14	table#16		
5	5 Delay Mix	+ +	0 - 127	0 ~ 127	60	60			
	6 Dist Drive 7 Dist Output Level	+ +	0 - 127 0 - 127	0 ~ 127 0 ~ 127	29 55	29 55	table#18		
8	8 Dist EQ Low Gain	+ +	52 - 76	.12 ~ ±12 [dR]	68	+4[dB]			
16	9 Dist EQ Mid Gain 0 Dry/Wet Balance	+ +	52 - 76 1 - 127	-12 ~ +12 [dB] -12 ~ +12 [dB] D63>W ~ D=W ~ D <w63< td=""><td>72 127</td><td>+8[dB] D<w63< td=""><td>table#15</td><td></td><td></td></w63<></td></w63<>	72 127	+8[dB] D <w63< td=""><td>table#15</td><td></td><td></td></w63<>	table#15		
11	1 -	+   +	0	- D-11 - DCW03	0	- N 03	vauve#13		
12	2 -		0	-	0	-			
13 14			0	[	0	-			
15	5 -		0	-	0	-			
16	5 -		0	<u> -</u>	0	-	<u> </u>	1	
	SOR+DISTORTION+DELAY							1 -	
No.	Parameter Name	Option V I		Data Range Display	Defa	ult Data Display	See Table	Control	Notes
	l Delay Time	+ +	1 - 16383	0.1 ~ 1638.3 [ms]	3000	300.0[ms]			
	2 Delay Feedback Level	+ +	1 - 127	-63 ~ +63	72	+8	table#16		
- 4	3 Delay Mix 4 Dist Drive	+ +	0 - 127 0 - 127	0 ~ 127 0 ~ 127	66 40	66 40			
	5 Dist Output Level	+ +	0 - 127	0 ~ 127	48	48	table#18		
	5 Dist EQ Low Gain 7 Dist EQ Mid Gain	+ +	52 - 76 52 - 76	-12 ~ +12 [dB] -12 ~ +12 [dB]	72 74	+8[dB] +10[dB]			
8	8 -		0	-	0	- rotabi			
9	9 -		0	- DC2-W - D W - D-WC2	0	D 4W62			
11	Dry/Wet Balance I Comp. Attack	+ +	1 - 127 0 - 19	D63>W ~ D=W ~ D <w63 1 ~ 40 [ms]</w63 	127 6	D <w63 7[ms]</w63 	table#15 table#8		
12	2 Comp. Release	+ +	0 - 15	10 ~ 680 [ms]	2	25[ms]	table#9		
13	3 Comp. Threshold 4 Comp. Ratio	+ +	79 - 121 0 - 7	-48 ~ -6 [dB] 1.0 ~ 20.0	100 4	-27[dB] 5.0	table#10		
15	5 -		0	-	0	-	tuoren 10		
16	5 -		0	-	0	-			
	SOR+OVER DRIVE+DELAY								
No.	Parameter Name	Option V I		Data Range Display	Defa	ult Data Display	See Table	Control	Notes
	Delay Time	+ +	1 - 16383	0.1 ~ 1638.3 [ms]	3000	300.0[ms]			
2	2 Delay Feedback Level 3 Delay Mix	+ +	1 - 127 0 - 127	-63 ~ +63 0 ~ 127	72 66	+8 66	table#16		
4	Dist Drive	+ +	0 - 127	0 ~ 127	29	29			
5	5 Dist Output Level	+ +	0 - 127	0 ~ 127	55	55	table#18		
	5 Dist EQ Low Gain 7 Dist EQ Mid Gain	+ +	52 - 76 52 - 76	-12 ~ +12 [dB] -12 ~ +12 [dB]	68 72	+4[dB] +8[dB]			
8	8 -		0	-	0	-			
10	9 - 0 Dry/Wet Balance	4 4	0 1 - 127	- D63>W ~ D=W ~ D <w63< td=""><td>0 127</td><td>D<w63< td=""><td>table#15</td><td></td><td></td></w63<></td></w63<>	0 127	D <w63< td=""><td>table#15</td><td></td><td></td></w63<>	table#15		
	Comp. Attack	+ +	0 - 19	1 ~ 40 [ms]	6	7[ms]	table#8		
	2 Comp. Release	+ +	0 - 15 79 - 121	10 ~ 680 [ms] -48 ~ -6 [dB]	2 100	25[ms]	table#9		
14	3 Comp. Threshold 4 Comp. Ratio	+ +	0 - 7	1.0 ~ 20.0	4	-27[dB] 5.0	table#10		
15	5 -		0	-	0	-			
16			0	I <sup>-</sup>	0	-	<u> </u>	1	
	TORTION+DELAY								Notes
NI-	D	0-4:		Data Banga	Dofo	ult Doto			Notes
No.	Parameter Name	Option V I		Data Range Display	Defa	ult Data Display	See Table	Control	
1	I Delay Time	Option V I + +	1 - 16383	Display 0.1 ~ 1638.3 [ms]	1600	Display 160.0[ms]		Control	
1 2	l Delay Time 2 Delay Feedback Level	Option   V   I   + + + + + + + + + + + + + + + + +	1 - 16383 1 - 127 0 - 127	Display  0.1 ~ 1638.3 [ms]  -63 ~ +63  0 ~ 127		Display	See Table table#16	Control	
1 2 3 4	Delay Time   Delay Feedback Level   Delay Mix   Dist Drive	Option   V I   + + + + + + + + + + + + + + + + + +	1 - 127 0 - 127 0 - 127	Display  0.1 ~ 1638.3 [ms]  -63 ~ +63  0 ~ 127  0 ~ 127	1600 84 64 30	Display 160.0[ms] +20 64 30	table#16	Control	
1 2 3 4 5	Delay Time Delay Feedback Level 3 Delay Mix 4 Dist Drive Dist Output Level	Option V I	1 - 127 0 - 127 0 - 127 0 - 127	Display  0.1 ~ 1638.3 [ms] -63 ~ +63 0 ~ 127 0 ~ 127 0 ~ 127	1600 84 64 30 48	Display 160.0[ms] +20 64 30 48		Control	
1 2 3 4 5	Delay Time   Delay Feedback Level   Delay Mix   Dist Drive	Option V I	1 - 127 0 - 127 0 - 127 0 - 127 52 - 76 52 - 76	Display  0.1 ~ 1638.3 [ms]  -63 ~ +63  0 ~ 127  0 ~ 127	1600 84 64 30 48 69 72	Display 160.0[ms] +20 64 30	table#16	Control	
1 2 3 4 5	Delay Time Delay Feedback Level Delay Feedback Level Delay Mix Dist Output Level Dist GU Low Gain Dist EQ Low Gain Dist EQ Mid Gain	Option V I	1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 52 - 76 52 - 76 0	Display  0.1 - 1638.3 [ms]  -63 - +63  0 - 127  0 - 127  0 - 127  -12 - +12 [dB]	1600 84 64 30 48 69 72 0	Display 160.0[ms] +20 64 30 48 +5[dB]	table#16	Control	
1 2 3 4 5 6 7 8 9	Delay Time Delay Feedback Level Delay Feedback Level Delay Mix Dist Output Level Dist GQ Low Gain Dist EQ Low Gain Dist EQ Mid Gain S. Dist DyWet Balance	Option   V   I   + + + + + + + + + + + + + + + + +	1 - 127 0 - 127 0 - 127 0 - 127 52 - 76 52 - 76 0 0 1 - 127	Display  0.1 - 1638.3 [ms] -63 - +63 0 - 127 0 - 127 0 - 127 12 - +12 [dB] -12 - +12 [dB] -1063-W - D=W - D <w63< td=""><td>1600 84 64 30 48 69 72 0 0</td><td>Display 160.0[ms] +20 64 30 48 +5[dB] +8[dB] - D<w63< td=""><td>table#16</td><td>Control</td><td></td></w63<></td></w63<>	1600 84 64 30 48 69 72 0 0	Display 160.0[ms] +20 64 30 48 +5[dB] +8[dB] - D <w63< td=""><td>table#16</td><td>Control</td><td></td></w63<>	table#16	Control	
1 2 3 4 5 6 7 8 9	Delay Time Delay Feedback Level Delay Mix Dist Drive Dist Okuput Level Dist Qubur Level Dist EQ Low Gain Dist EQ Mid Gain Dist EQ Mid Balance Wah Sensitivity	Option   V   I   + + + + + + + + + + + + + + + + +	1 - 127 0 - 127 0 - 127 0 - 127 52 - 76 52 - 76 0 1 - 127 0 - 127	Display  0.1 - 1638.3 [ms]  -63 - +63  0 - 127  0 - 127  0 - 127  -12 - +12 [dB]  -12 - +12 [dB]  -  -  D63-W ~ D=W ~ D <w63 -="" 0="" 127<="" td=""><td>1600 84 64 30 48 69 72 0 0 127 40</td><td>Display 160.0[ms] +20 64 30 48 +5[dB] +8[dB] - D<w63 40</w63 </td><td>table#16 table#18</td><td>Control</td><td></td></w63>	1600 84 64 30 48 69 72 0 0 127 40	Display 160.0[ms] +20 64 30 48 +5[dB] +8[dB] - D <w63 40</w63 	table#16 table#18	Control	
2 3 4 5 6 7 8 9 10	Delay Time Delay Feedback Level Delay Feedback Level Delay Mix Dist Output Level Dist GQ Low Gain Dist EQ Low Gain Dist EQ Mid Gain S. Dist DyWet Balance	Option   V   I   + + + + + + + + + + + + + + + + +	1 - 127 0 - 127 0 - 127 0 - 127 52 - 76 52 - 76 0 0 1 - 127	Display  0.1 - 1638.3 [ms] -63 - +63 0 - 127 0 - 127 0 - 127 12 - +12 [dB] -12 - +12 [dB] -1063-W - D=W - D <w63< td=""><td>1600 84 64 30 48 69 72 0 0</td><td>Display 160.0[ms] +20 64 30 48 +5[dB] +8[dB] - D<w63< td=""><td>table#16 table#18</td><td>Control</td><td></td></w63<></td></w63<>	1600 84 64 30 48 69 72 0 0	Display 160.0[ms] +20 64 30 48 +5[dB] +8[dB] - D <w63< td=""><td>table#16 table#18</td><td>Control</td><td></td></w63<>	table#16 table#18	Control	
1 2 3 3 4 4 5 5 6 6 7 7 8 8 9 10 11 12 13 14	Delay Time Delay Feedback Level Delay Feedback Level Delay Mix Dist Dirive Dist Output Level Dist EQ Low Gain Dist EQ Mid Gain  Dry/Wet Balance Wah Sensitivity Wah Cutoff Freq Offset Wah Resonance Wah Sense	Option V I	1 - 127 0 - 127 0 - 127 0 - 127 52 - 76 52 - 76 0 1 - 127 0 - 127 0 - 127 10 - 120 52 - 67	Display  0.1 - 1638.3 [ms] -63 - 463 0 - 127 0 - 127 0 - 127 -12 - +12 [dB] -12 - +12 [dB] -1 -15 - +12 [dB] -1	1600 84 64 30 48 69 72 0 0 127 40 0 30 64	Display 160.0[ms] +20 64 30 48 +5[dB] +8[dB] - D <w63 0<="" 40="" td=""><td>table#16 table#18</td><td>Control</td><td></td></w63>	table#16 table#18	Control	
1 2 3 4 5 6 7 8 9 10 11	Delay Time Delay Time Delay Feedback Level Delay Mix Delay Mix Dist Output Level Dist Output Level Dist EQ Low Gain Dist EQ Mid Gain See	Option V I	1 - 127 0 - 127 0 - 127 0 - 127 52 - 76 52 - 76 0 0 1 - 127 0 - 127 0 - 127 10 - 120	Display  0.1 - 1638.3 [ms]  -63 - +63 0 - 127 0 - 127 0 - 127 -12 - +12 [dB] -12 - +12 [dB] -1	1600 84 64 30 48 69 72 0 0 127 40 0 30	Display 160.0[ms] +20 64 30 48 +5[dB] +8[dB] D <w63 0="" 3.0<="" 40="" td=""><td>table#16 table#18 table#15</td><td>Control</td><td></td></w63>	table#16 table#18 table#15	Control	
1 1 2 2 3 4 4 5 5 6 6 7 7 8 8 5 10 11 11 12 13 14 15 16	Delay Time Delay Fine Delay Feedback Level Delay Mix Dist Drive Dist Output Level Dist Output Level Dist EQ Low Gain Dist EQ Mid Gain Dry/Wet Balance Wah Sensitivity Wah Cutoff Freq Offset Wah Resonance Wah Release	Option V I	1 - 127 0 - 127 0 - 127 0 - 127 52 - 76 52 - 76 0 1 - 127 0 - 127 0 - 127 10 - 120 52 - 67 0	Display  0.1 - 1638.3 [ms]  -63 - +63 0 - 127 0 - 127 0 - 127 -12 - +12 [dB] -12 - +12 [dB] -1	1600 84 64 30 48 69 72 0 0 127 40 0 30 64	Display 160.0[ms] +20 64 30 48 +5[dB] +8[dB] D <w63 0="" 3.0<="" 40="" td=""><td>table#16 table#18 table#15</td><td>Control</td><td></td></w63>	table#16 table#18 table#15	Control	
1 1 2 2 3 4 4 5 5 6 6 7 7 8 8 5 10 11 11 12 13 14 15 16	Delay Time Delay Time Delay Feedback Level Delay Mix Delay Mix Dist Output Level Dist Output Level Dist EQ Low Gain Dist EQ Mid Gain See	V I + + + + + + + + + + + + + + + + + + +	1 - 127 0 - 127 0 - 127 0 - 127 52 - 76 52 - 76 0 1 - 127 0 - 127 0 - 127 10 - 120 52 - 67 0	Display  0.1 - 1638.3 [ms]  -63 - +63 0 - 127 0 - 127 0 - 127 -12 - +12 [dB] -12 - +12 [dB] -1	1600 84 64 30 48 69 72 0 0 127 40 0 30 64 0	Display 160.0[ms] +20 64 30 48 +5[dB]	table#16 table#18 table#15	Control	Notes
1 2 3 4 4 5 5 6 7 7 8 8 5 9 10 11 12 13 14 15 16 WAH+OVI	Delay Time Delay Time Delay Feedback Level Delay Mix Dist Ovuput Level Dist Output Level Dist EQ Low Gain Dist EQ Mid Gain S. Dry.Wet Balance Wah Sensitivity Wah Cutoff Freq Offset Wah Resonance Wah Release Ser DRIVE+DELAY Parameter Name	V I  + + + + + + + + + + + + + + + + + +	1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 52 - 76 52 - 76 0 0 1 - 127 0 - 127 0 - 127 10 - 120 52 - 67 0	Display  0.1 - 1638.3 [ms] -63 - +63 0 - 127 0 - 127 0 - 127 -12 - +12 [dB] -12 - +12 [dB] -12 - +12 [dB] -13 - +12 [dB] -14 - +12 [dB] -15 - +12 [dB] -16 - +12 [dB] -17 - +12 [dB] -181818 [dB] -1918 [dB] -18 [	1600 84 64 30 48 69 72 0 0 127 40 0 30 64 0 0	Display 160.0[ms] +20 64 30 48 +5[dB] D <w63 0="" 170[ms]="" 3.0="" 40="" data="" display<="" td="" ult=""><td>table#16 table#18 table#15 table#15</td><td></td><td>Notes</td></w63>	table#16 table#18 table#15 table#15		Notes
1 1 2 3 3 4 4 4 5 5 6 6 7 8 8 9 9 10 11 11 12 12 13 14 15 11 15 10 10 10 10 10 10 10 10 10 10 10 10 10	Delay Time Delay Fine Delay Feedback Level Delay Feedback Level Delay Mix Dist Output Level Dist Output Level Dist EQ Low Gain Dist EQ Mid Gain S. Dist EQ Mid Gain S. Wals Resistivity Wals Cutoff Freq Offset Wal Resonance Wals Counter Freq Offset Wals Wals Counter F	V I + + + + + + + + + + + + + + + + + + +	1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 52 - 76 52 - 76 0 0 1 - 127 0 - 127 0 - 127 10 - 120 52 - 67 0	Display  0.1 - 1638.3 [ms] -63 - +63 0 - 127 0 - 127 0 - 127 0 - 127 -12 - +12 [dB] -12 - +12 [dB] -1 D63>W - D=W - D <w63 -="" -1="" 0="" 1.0="" 10="" 12.0="" 127="" 1638.3="" 680="" [ms]="" [ms]<="" td=""><td>1600 84 64 30 48 69 72 0 0 127 40 0 30 64 0 0</td><td>Display 160.0[ms] +20 64 30 48 +5[dB] +8[dB] - D<w63 0="" 170[ms]="" 3.0="" 40="" data="" display<="" td="" ult=""><td>table#16 table#18 table#15 table#12</td><td></td><td>Notes</td></w63></td></w63>	1600 84 64 30 48 69 72 0 0 127 40 0 30 64 0 0	Display 160.0[ms] +20 64 30 48 +5[dB] +8[dB] - D <w63 0="" 170[ms]="" 3.0="" 40="" data="" display<="" td="" ult=""><td>table#16 table#18 table#15 table#12</td><td></td><td>Notes</td></w63>	table#16 table#18 table#15 table#12		Notes
1 1 2 3 3 4 4 5 5 6 6 7 8 8 5 9 10 11 12 12 12 12 12 12 12 12 12 12 12 12	Delay Time Delay Feedback Level Delay Feedback Level Delay Mix Dist Ostoput Level Dist Octoput Level Dist EQ Low Gain Dist EQ Mid Gain Seed Seed Seed Seed Seed Seed Seed Seed	V I + + + + + + + + + + + + + + + + + + +	1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 52 - 76 52 - 76 0 0 1 - 127 0 - 127 0 - 127 0 - 127 0 0 0 0 0 1 - 120 0 0 0 0	Display  0.1 - 1638.3 [ms] -63 - 463 0 - 127 0 - 127 0 - 127 0 - 127 -12 - +12 [dB] -12 - +12 [dB] -11638.W - D=W - D <w63 -="" -63="" 0="" 0.1="" 1.0="" 10="" 12.0="" 127="" 127<="" 1638.3="" 463="" 680="" [ms]="" data="" display="" range="" td=""><td>1600 84 64 30 48 69 72 0 0 127 40 0 30 64 4 4 0 0</td><td>Display 160.0[ms] +20 64 30 48 +5[dB] 1 D&gt;W63 40 0 3.0 170[ms] ult Data Display 160.0[ms] +20 64</td><td>table#16 table#18 table#15 table#15</td><td></td><td>Notes</td></w63>	1600 84 64 30 48 69 72 0 0 127 40 0 30 64 4 4 0 0	Display 160.0[ms] +20 64 30 48 +5[dB] 1 D>W63 40 0 3.0 170[ms] ult Data Display 160.0[ms] +20 64	table#16 table#18 table#15 table#15		Notes
3 3 4 5 6 6 7 7 8 8 9 9 10 11 12 13 14 15 16 16 17 No.	Delay Time Delay Time Delay Feedback Level Delay Mix Dist Oxtoput Level Dist Oxtoput Level Dist Oxtoput Level Dist EQ Mid Gain S Dry/Wet Balance Wah Sensitivity Wah Cutoff Freq Offset Wah Resonance Wah Release S CR DRIVE+DELAY Parameter Name Delay Time Delay Time Delay Freedback Level Delay Mix Dist Potropic Potropic Delay Mix Delay Time Delay Freedback Level Delay Mix	V I + + + + + + + + + + + + + + + + + + +	1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 52 - 76 0 0 1 - 127 0 - 127	Display  0.1 - 1638.3 [ms] -63 - +63 0 - 127 0 - 127 0 - 127 -12 - +12 [dB] -12 - +12 [dB] -12 - +12 [dB] -13 - +12 [dB] -14 - +12 [dB] -15 - +12 [dB] -16 - 127 -10 - 12.0 -10 - 680 [ms] -17 - 1638.3 [ms] -18 - 1638.3 [ms] -19 - 17 - 18 - 18 - 18 - 18 - 18 - 18 - 18	1600 84 64 30 48 69 72 0 0 127 40 0 30 64 0 0	Display 160.0[ms] +20 64 30 48 +5[dB]	table#16 table#18 table#15 table#12 See Table table#16		Notes
3 3 4 5 6 6 7 8 8 9 10 11 12 13 14 15 16 16 17 No.	Delay Time Delay Fine Delay Feedback Level Delay Mix Dist Ovuput Level Dist Output Level Dist Output Level Dist Quid Gain Dist EQ Mid Gain S Dry.Wet Balance Wah Sensitivity Wah Cutoff Freq Offset Wah Resonance Wah Release SER DRIVE+DELAY Parameter Name Delay Time Delay Time Delay Goutput Level Dist Output Level	V I + + + + + + + + + + + + + + + + + + +	1 - 127 0 - 127 0 - 127 0 - 127 52 - 76 52 - 76 52 - 76 52 - 76 0 0 1 - 127 0 - 127	Display  0.1 - 1638.3 [ms] -63 - +63 0 - 127 0 - 127 0 - 127 -12 - +12 [dB] -12 - +12 [dB] -13 - +12 [dB] -14 - +12 [dB] -15 - +12 [dB] -16 - 120 -127 -10 - 120 -10 - 680 [ms] -17 -18 - 1638.3 [ms] -18 - 1638.3 [ms] -19 - 127 -19 - 127 -12 - 127 -13 - 148 -148 -15 - 15 - 15 - 15 - 15 - 15 - 15 - 15	1600 84 64 30 48 69 72 0 0 127 40 0 30 64 0 0	Display 160.0[ms] +20 64 30 48 +5[dB] +8[dB]	table#16 table#18 table#15 table#12		Notes
3 3 4 5 6 6 7 8 8 9 10 11 12 13 14 15 16 16 17 No.	Delay Time Delay Feedback Level Delay Feedback Level Delay Mix Dist Ostoput Level Dist Octoput Level Dist EQ Low Gain Dist EQ Mid Gain Dist EQ Mid Gain Dist EQ Mid Gain Wah Sensitivity Wah Cutoff Freq Offset Wah Resonance Wah Sensitivity Wah Resonance Wah Sensitivity Wah Resonance Sen Drive Feedback Level Delay Time Delay Feedback Level Delay Mix Dist Drive Dist Optore Dist O	V I + + + + + + + + + + + + + + + + + + +	1 - 127 0 - 127 0 - 127 0 - 127 52 - 76 52 - 76 0 0 - 127 0 - 127 0 - 127 10 - 120 52 - 6 0 0	Display  0.1 - 1638.3 [ms] -63 - 463 0 - 127 0 - 127 0 - 127 -12 - +12 [dB] -12 - +12 [dB] -1	1600 84 64 30 48 69 72 0 0 127 40 0 30 64 0 0 0 1600 84 64 24 55 65	Display 160.0[ms] +20 64 30 48 +5[dB] +8[dB] - D <w63 +1[db]="" +20="" +6[db]<="" 0="" 160.0[ms]="" 170[ms]="" 24="" 40="" 55="" 64="" data="" display="" td="" uit=""><td>table#16 table#18 table#15 table#12 See Table table#16</td><td></td><td>Notes</td></w63>	table#16 table#18 table#15 table#12 See Table table#16		Notes
3 3 3 5 6 7 7 8 8 9 9 10 11 12 13 14 15 16 10 No.	Delay Time Delay Feedback Level Delay Feedback Level Delay Feedback Level Delay Mix Dist Drive Dist EQ Low Gain Dist EQ Low Gain Dist EQ Mid Gain  Dry/Wet Balance Wah Sensitivity Wah Cutoff Freq Offset Wah Resonance Wah Sensitivity Wah Release  Delay Time Delay Feedback Level Delay Time Delay Feedback Level Dist Drive Dist Color Level Dist EQ Low Gain Dist EQ Mid Gain	V I + + + + + + + + + + + + + + + + + + +	1 - 127 0 - 127 0 - 127 0 - 127 52 - 76 0 0 1 - 127 0 0 127 0 - 127 0 - 127 10 - 120 52 - 6 0 0 0 - 127 10 - 120 52 - 6 0 0 0 - 127 10 - 120 52 - 76 0 0 - 127 0 -	Display  0.1 - 1638.3 [ms] -63 - 463 0 - 127 0 - 127 0 - 127 -12 - +12 [dB] -12 - +12 [dB] -1	1600 84 64 64 30 88 69 72 0 0 127 40 0 0 30 64 0 0 0 1600 84 64 24 55 65 70 0 0	Display 160.0[ms] +0.00 [ms] -0.00 [ms] -0.0	table#16 table#18 table#15 table#12 See Table table#16		Notes
WAH+OVI No.	Delay Time Delay Time Delay Feedback Level Delay Feedback Level Delay Mix Dist Output Level Dist Octow Dist Oc	V I + + + + + + + + + + + + + + + + + + +	1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 52 - 76 0 - 127 0 - 127 0 - 127 10 - 120 52 - 67 0 0 0 - 127 10 - 120 52 - 67 0 0 0 - 127 0 -	Display  0.1 = 1638.3 [ms] -63 = +63 0 - 127 0 - 127 0 - 127 1.2 = +12 [dB] -12 = +12 [dB] -12 = +12 [dB] -1 = D635W ~ D=W ~ D <w63 -="" -1="" -1<="" 0="" 1.0="12.0" 10="680" 127="" [ms]="" td=""><td>1600 84 64 30 48 69 72 0 0 127 40 0 30 64 0 0  Defa 84 64 24 55 65 70 0 0 127</td><td>Display  160.0[ms] +20 64 30 48 +5[dB] +8[dB]</td><td>table#16 table#18 table#15 table#12 See Table table#16</td><td></td><td>Notes</td></w63>	1600 84 64 30 48 69 72 0 0 127 40 0 30 64 0 0  Defa 84 64 24 55 65 70 0 0 127	Display  160.0[ms] +20 64 30 48 +5[dB] +8[dB]	table#16 table#18 table#15 table#12 See Table table#16		Notes
WAH+OVI No.	Delay Time Delay Feedback Level Delay Feedback Level Delay Feedback Level Delay Mix Dist Drive Dist EQ Low Gain Dist EQ Low Gain Dist EQ Mid Gain  Dry/Wet Balance Wah Sensitivity Wah Cutoff Freq Offset Wah Resonance Wah Sensitivity Wah Release  Delay Time Delay Feedback Level Delay Time Delay Feedback Level Dist Drive Dist Color Level Dist EQ Low Gain Dist EQ Mid Gain	V I + + + + + + + + + + + + + + + + + + +	1 - 127 0 - 127 0 - 127 0 - 127 52 - 76 0 0 1 - 127 0 0 127 0 - 127 0 - 127 10 - 120 52 - 6 0 0 0 - 127 10 - 120 52 - 6 0 0 0 - 127 10 - 120 52 - 76 0 0 - 127 0 -	Display  0.1 - 1638.3 [ms] -63 - 463 0 - 127 0 - 127 0 - 127 -12 - +12 [dB] -12 - +12 [dB] -1	1600 84 64 64 30 88 69 72 0 0 127 40 0 0 30 64 0 0 0 1600 84 64 24 55 65 70 0 0	Display 160.0[ms] +0.00 [ms] -0.00 [ms] -0.0	table#16 table#18 table#15 table#12 See Table table#16 table#18		Notes

V DISTOR	TION HARD Parameter Name	Option		Data Range	Defa	ult Data	See Table	Control	Notes
	Overdrive	VI	0 - 100	Display  0 ~ 100 [%]	22	Display 22[%]			
2	Device	+ +	0 - 4	Transistor, Vintage Tube, Dist1, Dist2, Fuzz	3	Dist2			
	Speaker Presence	+ +	0 - 5 0 - 20	Flat,Stack,Combo,Twin,Radio,Megaphone 0 ~ 20	2 6	Combo 6			
:	Output Level	+ +	0 - 100 0	0 ~ 100 [%]	88 0	88[%]			
	7 -		0	-	0	-			
3	3 - 9 -		0	- -	0	-			
10	Dry/Wet Balance	+ +	1 - 127 0	D63>W ~ D=W ~ D <w63< td=""><td>127 0</td><td>D<w63< td=""><td>table#15</td><td></td><td></td></w63<></td></w63<>	127 0	D <w63< td=""><td>table#15</td><td></td><td></td></w63<>	table#15		
12	2 -		0	-	0	-			
13	1 -		0	-	0	-			
15			0	-	0	-			
V DISTOR	TION HARD+DELAY								•
No.	Parameter Name	Option		Data Range Display	Defa	ult Data Display	See Table	Control	Notes
	Overdrive	+ +	0 - 100	0 ~ 100 [%]	22	22[%]			
	Device Speaker	+ +	0 - 4 0 - 5	Transistor, Vintage Tube, Dist1, Dist2, Fuzz Flat, Stack, Combo, Twin, Radio, Megaphone	3 2	Dist2 Combo			
	Presence Output Level	+ +	0 - 20 0 - 100	0 ~ 20 0 ~ 100 [%]	5 82	5 82[%]			
	5 Delay Time L 7 Delay Time R	+ +	1 - 16383 1 - 16383	0.1 ~ 1638.3 [ms] 0.1 ~ 1638.3 [ms]	2500 5000	250.0[ms] 500.0[ms]			
8	Delay Feedback Time	+ +	1 - 16383	0.1 ~ 1638.3 [ms]	5000	500.0[ms]			
	Delay Feedback Level Dry/Wet Balance	+ +	1 - 127 1 - 127	-63 ~ +63 D63>W ~ D=W ~ D <w63< td=""><td>85 127</td><td>+21 D<w63< td=""><td>table#16 table#15</td><td></td><td></td></w63<></td></w63<>	85 127	+21 D <w63< td=""><td>table#16 table#15</td><td></td><td></td></w63<>	table#16 table#15		
11	Delay Mix	+ +	0 - 127 0	0 ~ 127	46 0	46			
13	3 -		0	-	0	-			
14 15	5 -		0	-	0	-			
16			0	-	0	-			
V DISTOR No.	TION SOFT  Parameter Name	Option		Data Range	Defa	ult Data	See Table	Control	Notes
	Overdrive	V I	0 - 100	Display  0 ~ 100 [%]	13	Display 13[%]			
1	Device	+ +	0 - 4	Transistor, Vintage Tube, Dist1, Dist2, Fuzz	3	Dist2			
	Speaker Presence	+ + +	0 - 5 0 - 20	Flat,Stack,Combo,Twin,Radio,Megaphone 0 ~ 20	2 6	Combo 6			
:	Output Level	+ +	0 - 100 0	0 ~ 100 [%]	98 0	98[%]			
	7 -		0	-	0	-			
9	-		0	-	0	-			
10	Dry/Wet Balance	+ +	1 - 127 0	D63>W ~ D=W ~ D <w63< td=""><td>127 0</td><td>D<w63< td=""><td>table#15</td><td></td><td></td></w63<></td></w63<>	127 0	D <w63< td=""><td>table#15</td><td></td><td></td></w63<>	table#15		
13	2 -		0	-	0	-			
14	1 -		0	-	0	-			
1:			0	-	0	-			
V DISTOR	5 - TION SOFT+DELAY			[.	0	-			
V DISTOR	5 - TION SOFT+DELAY Parameter Name	Option V I	0	Data Range Display	0 Defa	ult Data Display	See Table	Control	Notes
V DISTOR No.	TION SOFT+DELAY Parameter Name Overdrive	Option   V I   + + + + + + + + + + + + + + + + + +	0 - 100	Display 0 ~ 100 [%]	0 Defa	Display 14[%]	See Table	Control	Notes
V DISTOR No.	IION SOFT+DELAY Parameter Name Overdrive Device Speaker	Option   V I   + + + + + + + + + + + + + + + + + +	0 - 100 0 - 4 0 - 5	Display  0 ~ 100 [%]  Transistor, Vintage Tube, Dist1, Dist2, Fuzz Flat, Stack, Combo, Twin, Radio, Megaphone	Defa	Display 14[%] Dist2 Combo	See Table	Control	Notes
V DISTOR No.	TION SOFT+DELAY Parameter Name Overdrive Device Speaker Presence Output Level	Option   V I   + + + + + + + + + + + + + + + + + +	0 - 100 0 - 4 0 - 5 0 - 20 0 - 100	Display  0 ~ 100 [%]  Transistor, Vintage Tube, Dist 1, Dist 2, Fuzz  Flat, Stack, Combo, Twin, Radio, Megaphone  0 ~ 20  0 ~ 100 [%]	Defa  14  3  2  6  92	Display 14[%] Dist2 Combo 6 92[%]	See Table	Control	Notes
V DISTOR No.	TION SOFT+DELAY Parameter Name  Overdrive Device Speaker Presence Output Level Delay Time L.	Option   V   I   + + + + + + + + + + + + + + + + +	0 - 100 0 - 4 0 - 5 0 - 20 0 - 100 1 - 16383	Display   0 - 100 [%]	Defa  14  3  2  6  92  2500	Display 14[%] Dist2 Combo 6	See Table	Control	Notes
V DISTOR No.	TION SOFT+DELAY  Parameter Name  Overdrive Device Speaker Presence Output Level Dolay Time L Delay Time L Delay Time R Delay Fore	Option   V   I   + + + + + + + + + + + + + + + + +	0 - 100 0 - 4 0 - 5 0 - 20 0 - 100 1 - 16383 1 - 16383 1 - 16383	Display  0 - 100 [%]  Transistor, Vintage Tube, Dist1, Dist2, Fuzz  Flat, Stack, Combo, Twin, Radio, Megaphone  0 - 20  0 - 100 [%]  0.1 - 1638.3 [ms]  0.1 - 1638.3 [ms]	Defa  14  3  2  6  92  2500  5000  5000	Display 14[%] Dist2 Combo 6 92[%] 250.0[ms] 500.0[ms]		Control	Notes
V DISTOR No.	Parameter Name  Overdrive Device Speaker Presence Output Level Delay Time L Delay Time L Delay Feedback Level DbyWet Balance	V I + + + + + + + + + + + + + + + + + + +	0 - 100 0 - 4 0 - 5 0 - 20 0 - 100 1 - 16383 1 - 16383 1 - 16383 1 - 127 1 - 127	Display  0 - 100 [%]  Transistor, Vintage Tube Dist1, Dist2, Fuzz Flaf, Stack, Combo, Twin, Radio, Megaphone  0 - 20  0 - 100 [%]  0.1 - 1638.3 [ms]  0.1 - 1638.3 [ms]  0.1 - 1638.3 [ms]  0.5 - 463  DoS3-W - D-W - D-W63	Defa  14  3  2  6  92  2500  5000  76  127	Display  14[%] Dist2 Combo 6 92[%] 250.0[ms] 500.0[ms] +12 D <w63< td=""><td>See Table  table#16 table#15</td><td>Control</td><td>Notes</td></w63<>	See Table  table#16 table#15	Control	Notes
V DISTOR No.	Parameter Name  Overdrive Device Speaker Presence Output Level Delay Time L Delay Time L Delay Feedback Level Dry/Wet Balance Delay Mix	V I + + + + + + + + + + + + + + + + + + +	0 - 100 0 - 4 0 - 5 0 - 20 0 - 100 1 - 16383 1 - 16383 1 - 16383 1 - 127	Display  0 ~ 100 [%] Transistor, Vintage Tube, Dist1, Dist2, Fuzz Flat, Stack, Combo, Twin, Radio, Megaphone 0 ~ 20 0 ~ 100 [%] 0.1 ~ 1638.3 [ms] 0.1 ~ 1638.3 [ms] 0.1 ~ 1638.3 [ms]	Defa  14  3  2  6  92  2500  5000  76	Display 14[%] Dist2 Combo 6 92[%] 250.0[ms] 500.0[ms] +12	table#16	Control	Notes
V DISTOR No.	TION SOFT+DELAY Parameter Name  Overdrive Device Speaker Presence Soutput Level Delay Time L Delay Time L Delay Time R Belay Feedback Level Dry/Wet Balance Delay Mix	V I + + + + + + + + + + + + + + + + + + +	0 - 100 0 - 4 0 - 5 0 - 20 0 - 100 1 - 16383 1 - 16383 1 - 16383 1 - 127 0 - 127 0	Display  0 - 100 [%]  Transistor, Vintage Tube Dist1, Dist2, Fuzz Flaf, Stack, Combo, Twin, Radio, Megaphone  0 - 20  0 - 100 [%]  0.1 - 1638.3 [ms]  0.1 - 1638.3 [ms]  0.1 - 1638.3 [ms]  0.5 - 463  DoS3-W - D-W - D-W63	Defa  14  3  2  6  92  2500  5000  76  127  44  0  0	Display  14[%] Dist2 Combo 6 92[%] 250.0[ms] 500.0[ms] +12 D <w63< td=""><td>table#16</td><td>Control</td><td>Notes</td></w63<>	table#16	Control	Notes
V DISTOR  No.  1 2 3 3 4 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TION SOFT+DELAY  Parameter Name  Overdrive Device Speaker Presence Soutput Level Delay Time L Delay Time L Delay Feedback Time Delay Feedback Level Dry/Wet Balance Delay Mix	V I + + + + + + + + + + + + + + + + + + +	0 - 100 0 - 4 0 - 5 0 - 20 0 - 100 1 - 16383 1 - 16383 1 - 16383 1 - 127 0 - 127 0 0	Display  0 - 100 [%]  Transistor, Vintage Tube Dist1, Dist2, Fuzz Flaf, Stack, Combo, Twin, Radio, Megaphone  0 - 20  0 - 100 [%]  0.1 - 1638.3 [ms]  0.1 - 1638.3 [ms]  0.1 - 1638.3 [ms]  0.5 - 463  DoS3-W - D-W - D-W63	Defa  14  3  2  6  92  2500  5000  76  127  44  0  0  0	Display 14[%] Dist2 Combo 6 92[%] 250.0[ms] 500.0[ms] +12 D <w63 44<="" td=""><td>table#16</td><td>Control</td><td>Notes</td></w63>	table#16	Control	Notes
V DISTOR No.	TION SOFT+DELAY  Parameter Name  Overdrive Device Speaker Presence Output Level Delay Time L Delay Time L Delay Fime L Delay Feedback Time Detay Feedback Level DryWet Balance Delay Mix	V I + + + + + + + + + + + + + + + + + + +	0 - 100 0 - 4 0 - 5 0 - 20 0 - 100 1 - 16383 1 - 16383 1 - 16383 1 - 127 1 - 127 0 - 127 0 0	Display  0 - 100 [%]  Transistor, Vintage Tube Dist1, Dist2, Fuzz Flaf, Stack, Combo, Twin, Radio, Megaphone  0 - 20  0 - 100 [%]  0.1 - 1638.3 [ms]  0.1 - 1638.3 [ms]  0.1 - 1638.3 [ms]  0.5 - 463  DoS3-W - D-W - D-W63	Defa  14  3  2  6  92  2500  5000  76  127  44  0  0	Display 14[%] Dist2 Combo 6 92[%] 250.0[ms] 500.0[ms] 500.0[ms] +12 D <w63 44<="" td=""><td>table#16</td><td>Control</td><td>Notes</td></w63>	table#16	Control	Notes
V DISTOR No.	TION SOFT+DELAY  Parameter Name  Overdrive Device Speaker Presence Soutput Level Delay Time L Delay Time L Delay Feedback Time Delay Feedback Level Dry/Wet Balance Delay Mix	V I + + + + + + + + + + + + + + + + + + +	0 - 100 0 - 4 0 - 5 0 - 20 0 - 100 1 - 16383 1 - 16383 1 - 16383 1 - 127 0 - 127 0 0	Display  0 - 100 [%]  Transistor, Vintage Tube, Dist1, Dist2, Fuzz  Flat, Stack, Combo, Twin, Radio, Megaphone  0 - 20  0 - 100 [%]  0.1 - 1638.3 [ms]  0.1 - 1638.3 [ms]  0.1 - 1638.3 [ms]  0.2 - 1638.3 [ms]  0.5 - 463  D63-W - D-W - D <w63 -="" 0="" 127<="" td=""><td>Defa  14  3  2  6  92  2500  5000  76  127  44  0  0  0  0</td><td>Display 14[%] 14[%] Dist2 Combo 6 92[%] 250.0[ms] 500.0[ms] +12 D<w63 44<="" td=""><td>table#16</td><td>Control</td><td>Notes  Notes</td></w63></td></w63>	Defa  14  3  2  6  92  2500  5000  76  127  44  0  0  0  0	Display 14[%] 14[%] Dist2 Combo 6 92[%] 250.0[ms] 500.0[ms] +12 D <w63 44<="" td=""><td>table#16</td><td>Control</td><td>Notes  Notes</td></w63>	table#16	Control	Notes  Notes
V DISTOR   No.	Parameter Name  Overdrive Device Speaker Presence Output Level Doblay Time L Delay Time L Delay Time R Delay Feedback Level Dry/Wet Balance Delay Mix  COR SPEAKER 1  Parameter Name  Rotor Speed Slow	V I + + + + + + + + + + + + + + + + + + +	0 - 100 0 - 4 0 - 5 0 - 20 0 - 100 1 - 16383 1 - 16383 1 - 127 1 - 127 0 - 127 0 0 0 0	Display  0 - 100 [%]  Transistor, Vintage Tube Dist1, Dist2, Fuzz Flat, Stack, Combo, Twin, Radio, Megaphone  0 - 20  0 - 100 [%]  0.1 - 1638.3 [ms]  0.1 - 1638.3 [ms]  0.1 - 1638.3 [ms]  0.2 - 1638.3 [ms]  0.5 - 463  D63-W - D-W - D-W63  0 - 127  Data Range  Display  0.0 - 2.65 [Hz]	Defa  14  3  2  6  92  25000  5000  76  127  44  0  0  0  Defa  Defa	Display  14 %1 Dist2 Combo 6 92[%1 250.0[ms] 500.0[ms] 500.0[ms] +12 D <w63 44<="" td=""><td>table#16 table#15  See Table table#1</td><td></td><td></td></w63>	table#16 table#15  See Table table#1		
V DISTOR No.  10 11 12 11 11 11 11 11 11 11 11 11 11 11	Parameter Name  Overdrive Device Speaker Presence Output Level Doblay Time L Delay Time R Delay Feedback Level Dry/Wet Balance Delay Mix	V I + + + + + + + + + + + + + + + + + + +	0 - 100 0 - 4 0 - 5 0 - 20 0 - 100 1 - 16383 1 - 16383 1 - 16383 1 - 127 0 - 127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  0 - 100 [%]  Transistor, Vintage Tube Dist1, Dist2, Fuzz Flat, Stack, Combo, Twin, Radio, Megaphone  0 - 20  0 - 100 [%]  0.1 - 1638.3 [ms]  0.1 - 1638.3 [ms]  0.1 - 1638.3 [ms]  0.2 - 1638.3 [ms]  0.3 - 463  D63-W - D-W - D-W63  0 - 127	Defa  14  3  2  6  92  25000  50000  76  127  44  0  0  0  Defa  15  18  89	Display   14 %   Dist2   Combo   6   92 %   550.0[ms]   500.0[ms]   +12   D <w63 44="" td=""  =""  <=""><td>table#16 table#15  See Table table#1 table#1 table#1</td><td></td><td></td></w63>	table#16 table#15  See Table table#1 table#1 table#1		
10   V DISTOR   No.	Parameter Name  Overdrive Device Speaker Presence Solutput Level Delay Time L Delay Time L Delay Time R Belay Feedback Level Dry, Wet Balance Delay Mix	V I + + + + + + + + + + + + + + + + + + +	0 - 100 0 - 4 0 - 5 0 - 20 0 - 100 1 - 16383 1 - 16383 1 - 16383 1 - 1277 0 - 127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  0 - 100 [%]  Transistor, Vintage Tube Dist I, Dist 2, Fuzz Flat Stack, Combo, Twin, Radio, Megaphone  0 - 20  0 - 100 [%]  0.1 - 1638.3 [ms]  0.1 - 1638.3 [ms]  0.3 - 463  63 - 463  563 - 463  0 - 127  Data Range  Display  0.0 - 2.65 [Hz]  0.0 - 2.65 [Hz]  2.69 - 39.7 [Hz]	Defa  14  3  2  6  92  2500  5000  5000  76  127  44  0  0  0  0  Defa  18  89  91	Display 14[%] Dist2 Combo 6 92[%] 500.0[ms] 500.0[ms] +12 D <w63 44<="" td=""><td>table#16 table#15  See Table table#1 table#1</td><td></td><td></td></w63>	table#16 table#15  See Table table#1 table#1		
10   V DISTOR   No.	Parameter Name  Overdrive Device Speaker Presence Solaty Level Delay Time L Delay Time L Delay Time B Delay Feedback Level Dry Wet Balance Delay Mix  Port Speaker  Parameter Name  Rotor Speed Slow Horn Speed Slow Horn Speed Fast Horn Speed Fast Horn Speed Fast Horn Speed Fast Rotor Slow-Fast Time	V I + + + + + + + + + + + + + + + + + + +	0 - 100 0 - 4 0 - 5 0 - 20 0 - 103 1 - 16383 1 - 16383 1 - 16383 1 - 127 0 - 127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  0 - 100 [%]  Transistor, Vintage Tube Dist I, Dist 2, Fuzz Flat Stack, Combo, Twin, Radio, Megaphone  0 - 20  0 - 100 [%]  0.1 - 1638.3 [ms]  0.1 - 1638.3 [ms]  0.3 - 463  63 - +63  63 - +63  0 - 127  Data Range  Display  0.0 - 2.65 [Hz]  0.0 - 2.65 [Hz]  2.69 - 39.7 [Hz]  2.69 - 39.7 [Hz]  0 - 127	Defa  14  3  2  6  92  2500  5000  706  127  44  0  0  0  0  Defa  18  89  91  54  22	Display 14[%] Dist2 Combo 6 92[%] 250.0[ms] 500.0[ms] 500.0[ms] 500.0[ms]	table#16 table#15  See Table table#1 table#1 table#1		
10   V DISTOR   No.	Parameter Name  Overdrive Device Speaker Presence Output Level Delay Time L Delay Time L Delay Time R Delay Feedback Time Delay Feedback Level Dry/Wet Balance Delay Mix	V I + + + + + + + + + + + + + + + + + + +	0 - 100 0 - 4 0 - 5 0 - 20 0 - 103 1 - 16383 1 - 16383 1 - 16383 1 - 16383 0 - 63 0 - 63 0 - 63 64 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127	Display  0 - 100 [%]  Transistor, Vintage Tube Dist I, Dist 2, Fuzz Flat Stack, Combo, Twin, Radio, Megaphone  0 - 20  0 - 100 [%]  0.1 - 1638.3 [ms]  0.1 - 1638.3 [ms]  0.3 - 463  63 - 463  D63-W - D=W - D <w63 -="" 0="" 0.0="" 127="" 127<="" 2.65="" 2.69="" 39.7="" [hz]="" data="" display="" range="" td=""><td>Defa  14 3 2 6 92 2500 5000 76 127 44 0 0 0 0 0 Defa  15 18 89 91 54 22 20 22</td><td>Display Dist2 Combo 6 92[%] 250.0[ms] 500.0[ms] 500.0[ms] 500.0[ms]</td><td>table#16 table#15  See Table table#1 table#1 table#1</td><td></td><td></td></w63>	Defa  14 3 2 6 92 2500 5000 76 127 44 0 0 0 0 0 Defa  15 18 89 91 54 22 20 22	Display Dist2 Combo 6 92[%] 250.0[ms] 500.0[ms] 500.0[ms] 500.0[ms]	table#16 table#15  See Table table#1 table#1 table#1		
10   V DISTOR   No.	Parameter Name  Overdrive Device Speaker Presence Output Level Dolay Time L Delay Time L Delay Time R Delay Feedback Level Dry/Wet Balance Delay Mix	V I + + + + + + + + + + + + + + + + + + +	0 - 100 0 - 4 0 - 5 0 - 20 0 - 100 1 - 16383 1 - 16383 1 - 127 0 - 127 0 0 0 0 0 0 0 - 63 0 - 127 0 - 127	Display	Defa  14  3  2  6  92  2500  5000  76  127  44  0  0  0  0  Defa  15  18  89  91  54  22  20	Display 14[%] Dist2 Combo 6 92[%] 250.0[ms] 500.0[ms] 500.0[ms] 4	table#16 table#15  See Table table#1 table#1 table#1		
V DISTOR   No.	Parameter Name  Overdrive Device Speaker Presence Output Level Dolay Time L Delay Time L Delay Time R Dolay Feedback Level Dry/Wet Balance Delay Mix	V I + + + + + + + + + + + + + + + + + + +	0 - 100 0 - 100 0 - 4 0 - 5 0 - 20 0 - 100 1 - 16383 1 - 16383 1 - 127 1 - 127 0 - 127 0 - 0 0 0 0 - 03 0 - 63 64 - 127 64 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 1 - 127 4 - 40	Display 0 - 100 [%] Transistor, Vintage Tube Dist1, Dist2, Fuzz Flat, Stack Combo, Twin, Radio, Megaphone 0 - 20 0 - 100 [%] 0.1 - 1638.3 [ms] 0.1 - 1638.3 [ms] 0.1 - 1638.3 [ms] 0.63 - +63 D63.W − D=W − D <w63 -="" 0="" 127="" <="" td=""><td>Defa  14  3  2  6  92  2500  5000  76  127  44  0  0  0  0  Defa  15  18  89  91  54  22  20  22  17  14</td><td>Display  Dist2 Combo 6 92[%] 250.0[ms] 500.0[ms] 500.0[ms] 500.0[ms] 10-W63 44 Display 0.63[Hz] 0.76[Hz] 6.06[Hz] 6.73[Hz] 22 20 22 L12 100[Hz]</td><td>table#16 table#15  See Table table#1 table#1 table#1</td><td></td><td></td></w63>	Defa  14  3  2  6  92  2500  5000  76  127  44  0  0  0  0  Defa  15  18  89  91  54  22  20  22  17  14	Display  Dist2 Combo 6 92[%] 250.0[ms] 500.0[ms] 500.0[ms] 500.0[ms] 10-W63 44 Display 0.63[Hz] 0.76[Hz] 6.06[Hz] 6.73[Hz] 22 20 22 L12 100[Hz]	table#16 table#15  See Table table#1 table#1 table#1		
V DISTOR   No.	Parameter Name  Overdrive Device Speaker Presence Output Level Dolay Time L Delay Time L Delay Time R Delay Feedback Level Dry/Wet Balance Delay Mix	V I + + + + + + + + + + + + + + + + + + +	0 - 100 0 - 4 0 - 5 0 - 20 0 - 103 1 - 16383 1 - 16383 1 - 127 1 - 127 0 - 127 0 - 0 0 0 0 - 63 64 - 127 64 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 -	Display	Defa  14  3  2  6  92  2500  5000  76  127  44  0  0  0  0  Defa  15  18  89  91  14  22  20  22  17  14  72  34	Display 14[96] Dist2 Combo 6 92[96] 250.0[ms] 500.0[ms] 500.0[ms] 500.0[ms] 6 0-W63 44 Display 0.63[Hz] 0.76[Hz] 6.76[Hz] 6.73[Hz] 22 21 100[Hz] +8[dB] 1.0[kHz]	table#16 table#15  See Table table#1 table#1 table#1 table#1		
V DISTOR   No.	Parameter Name  Overdrive Device Speaker Presence Output Level Dolay Time L Delay Time L Delay Time R Delay Feedback Level Dry/Wet Balance Delay Mix	V I + + + + + + + + + + + + + + + + + + +	0 - 100 0 - 4 0 - 5 0 - 20 0 - 100 1 - 16383 1 - 16383 1 - 16383 1 - 127 0 - 127 0 - 127 0 - 0 0 0 - 63 64 - 127 64 - 127 0 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 -	Display	Defa  14  3  2  6  92  2500  5000  76  127  44  0  0  0  0  Defa  15  18  89  91  54  22  22  22  14  72  34  61  60	Display  14[96] Dist2 Combo 6 92[96] 250,0[ms] 500.0[ms] 500.0[ms] 500.0[ms] 6 0-W63 44 Display 0.63[Hz] 0.76[Hz] 6.76[Hz] 6.73[Hz] 22 20 21 100[Hz] +8[dB] 1.0[kHz] -3[dB] 180[deg]	table#16 table#15  See Table table#1 table#1 table#1 table#1 table#3	Control	
V DISTOR   No.	Parameter Name  Overdrive Device Speaker Presence Output Level Dolay Time L Delay Time L Delay Time R Dolay Feedback Level Dry/Wet Balance Dolay Mix	V I + + + + + + + + + + + + + + + + + + +	0 - 100 0 - 4 0 - 5 0 - 20 0 - 103 1 - 16383 1 - 16383 1 - 127 1 - 127 0 - 127 0 0 - 0 0 0 - 00 0 - 00 0 - 00 0 - 00 0 - 00 0 - 01 0 - 02 0 - 03 0 - 04 0 - 05 0 - 07 0 - 128 - 58 52 - 76	Display 0 - 100 [%] Transistor, Vintage Tube Dist1, Dist2, Fuzz Flat, Stack, Combo, Twin, Radio, Megaphone 0 - 20 0 - 100 [%] 0 - 100 [%] 0 - 1638.3 [ms] 0.1 - 1638.3 [ms] 0.1 - 1638.3 [ms] 0.2 - 1638.3 [ms] 0.3 - 1638.3 [ms] 0.4 - 1638.3 [ms] 0.53-W - D-W - D-W63 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1.633-H - L=H - L <h63 +12="" -="" 1.2="" 160k="" 2.0k="" 500="" [db]="" [db]<="" [hz]="" td=""><td>Defa  14  3  2  6  92  2500  5000  76  127  44  0  0  0  0  Defa  18  89  91  54  22  20  22  52  14  72  34  61</td><td>Display  14[%] Dist2 Combo Og2[%] 250.0[ms] 500.0[ms] 500.0[ms] +12 D<w63 44<="" td=""><td>table#16 table#15  See Table table#1 table#1 table#1 table#1 table#3</td><td>Control</td><td>Notes</td></w63></td></h63>	Defa  14  3  2  6  92  2500  5000  76  127  44  0  0  0  0  Defa  18  89  91  54  22  20  22  52  14  72  34  61	Display  14[%] Dist2 Combo Og2[%] 250.0[ms] 500.0[ms] 500.0[ms] +12 D <w63 44<="" td=""><td>table#16 table#15  See Table table#1 table#1 table#1 table#1 table#3</td><td>Control</td><td>Notes</td></w63>	table#16 table#15  See Table table#1 table#1 table#1 table#1 table#3	Control	Notes
V DISTOR   No.	Parameter Name  Overdrive Device Speaker Presence Output Level Dolay Time L Delay Time L Delay Time R Delay Feedback Level Dry/Wet Balance Delay Mix	Option  Option  V I  + +  + +  + +  + +  + +  + +  + +	0 - 100 0 - 4 0 - 5 0 - 20 0 - 100 1 - 16383 1 - 16383 1 - 16383 1 - 127 0 - 127 0 - 127 0 - 0 0 0 - 63 64 - 127 64 - 127 0 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 -	Display  0 - 100 [%]  Transistor, Vintage Tube, Dist I, Dist 2, Fuzz Flat.Stack, Combo, Twin, Radio, Megaphone 0 - 20 0 - 100 [%] 0.1 - 1638.3 [ms] 0.1 - 1638.3 [ms] 0.3 - 463 0 - 127	Defa  14  3  2  6  92  2500  5000  76  127  44  0  0  0  0  Defa  15  18  89  91  54  22  20  22  52  127  14  72  34  61  60  0	Display 14[96] Dist2 Combo 6 92[96] 250,0[ms] 500,0[ms] 500,0[ms] 500,0[ms] 1-12 0-W63 44	table#16 table#15  See Table table#1 table#1 table#1 table#1 table#3	Control	Notes
V DISTOR   No.	Parameter Name  Overdrive Device Device Speaker Presence Output Level Delay Time R Delay Feedback Time Delay Feedback Level Dry/Wet Balance Delay Mix	VI ++++++++++++++++++++++++++++++++++++	0 - 100 0 - 4 0 - 5 0 - 20 0 - 100 1 - 16383 1 - 16383 1 - 16383 1 - 127 0 - 127 0 - 127 0 - 0 0 0 - 63 64 - 127 64 - 127 0 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 -	Display  0 - 100 [%]  Transistor, Vintage Tube, Dist I, Dist 2, Fuzz Flat.Stack, Combo, Twin, Radio, Megaphone 0 - 20 0 - 100 [%] 0.1 - 1638.3 [ms] 0.1 - 1638.3 [ms] 0.3 - 463 0 - 127	Defa  14  3  2  6  92  2500  5000  76  127  44  0  0  0  0  Defa  18  89  91  18  89  91  54  22  20  22  21  77  14  72  34  61  60  0  Defa  Defa	Display 14[96] Dist2 Combo 6 92[96] 250,0[ms] 500,0[ms] 500,0[ms] 500,0[ms] 1-12 0-W63 44	table#16 table#15  See Table table#1 table#1 table#3 table#3  See Table table#3	Control	Notes resolution=3deg.
No.   No.	Parameter Name  Overdrive Device Speaker Presence Output Level Dolay Time R Dolay Feedback Lime Delay Feedback Level Dry/Wet Balance Delay Mix	Option  Option  V I  + +  + +  + +  + +  + +  + +  + +	0 - 100 0 - 4 0 - 5 0 - 20 0 - 100 1 - 16383 1 - 16383 1 - 16383 1 - 127 0 - 127 0 - 127 0 - 0 0 0 0 - 63 0 - 63 64 - 127 64 - 127 64 - 127 0 - 127 0 - 127 1 - 127 1 - 127 1 - 127 0	Display	Defa  14  3  2  6  92  2500  5000  76  127  44  0  0  0  0  15  18  89  91  15  18  22  20  22  127  14  72  34  61  60  0  Defa  Defa  14  18	Display  Dist2 Combo 6 92[%] 250.0[ms] 500.0[ms] 500.0[ms] 500.0[ms] 10-W63 44	table#16 table#15  See Table table#1 table#1 table#1 table#3 table#3  See Table table#3	Control	Notes resolution=3deg.
No.   No.	Parameter Name  Overdrive Device Speaker Presence Output Level Dolay Time R Dolay Feedback Time Dolay Feedback Level Dyn/Wet Balance Delay Mix	Option  Option  V I  + +  + +  + +  + +  + +  + +  + +	0 - 100 0 - 4 0 - 5 0 - 20 0 - 100 1 - 16383 1 - 16383 1 - 16383 1 - 127 0 - 127 0 - 127 0 - 0 0 0 0 - 63 0 - 63 64 - 127 0 -	Display  0 − 100 [%]  Transistor, Vintage Tube Dist1, Dist2, Fuzz Flat, Stack Combo, Twin, Radio, Megaphone  0 − 20  0 − 100 [%]  0.1 − 1638.3 [ms]  0.1 − 1638.3 [ms]  0.1 − 1638.3 [ms]  0.2 − 1638.3 [ms]  0.3 − 463  Display  Dos3-W − D=W − D <w63 -="" 0="" 127="" td="" −="" −<=""><td>Defa  14  3  2  6  92  2500  5000  76  127  44  0  0  0  0  15  18  89  91  14  14  14  16  0  Defa  Defa  14  18  91  91</td><td>Display  Display  14[96] Dist2 Combo 6 92[96] 250.0[ms] 500.0[ms] 500.0[ms] 500.0[ms] 10-W63 44 Display 0.63[Hz] 0.76[Hz] 6.06[Hz] 6.73[Hz] 1.0[kHz] - 1.</td><td>table#16 table#15  See Table table#1 table#1 table#3 table#3  See Table table#3</td><td>Control</td><td>Notes resolution=3deg.</td></w63>	Defa  14  3  2  6  92  2500  5000  76  127  44  0  0  0  0  15  18  89  91  14  14  14  16  0  Defa  Defa  14  18  91  91	Display  Display  14[96] Dist2 Combo 6 92[96] 250.0[ms] 500.0[ms] 500.0[ms] 500.0[ms] 10-W63 44 Display 0.63[Hz] 0.76[Hz] 6.06[Hz] 6.73[Hz] 1.0[kHz] - 1.	table#16 table#15  See Table table#1 table#1 table#3 table#3  See Table table#3	Control	Notes resolution=3deg.
No.   No.	Parameter Name  Overdrive Device Speaker Presence Output Level Dolay Time R Dolay Feedback Time Dolay Feedback Level Dyn/Wet Balance Delay Mix	Option  Option  V I  + +  + +  + +  + +  + +  + +  + +	0 - 100 0 - 4 0 - 5 0 - 20 0 - 100 1 - 16383 1 - 16383 1 - 16383 1 - 127 0 - 127 0 - 127 0 - 0 0 0 0 - 63 0 - 63 64 - 127 0 - 127 0 - 127 1 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 63 0 - 6	Display	Defa  14  3  2  6  92  2500  5000  76  127  44  0  0  0  0  15  18  89  91  14  122  20  22  127  14  14  18  91  91  91  95  54  22  22	Display   Display   14 96    Dist2   Combo   6   92 96    250.0[ms]   500.0[ms]   500.0[ms]   +12   D<   W63   44       Display   0.63 Hz    0.76 Hz    6.06 Hz    6.73 Hz    52   20   21   100 Hz  +8 dB    1.0[kHz  -3 dB    3 dB	table#16 table#15  See Table table#1 table#1 table#3 table#3  See Table table#3	Control	Notes resolution=3deg.
V DISTOR   No.	Parameter Name  Overdrive Device Speaker Presence Output Level Dolay Time L Delay Time R Delay Feedback Level Dry/Wet Balance Delay Mix  Parameter Name  Rotor Speed Slow Horn Speed Slow Horn Speed Fast Horn Show-Fast Time Drive High Frequency EQ Low Gain EQ High Frequency EQ High Frequency EQ High Frequency EQ High Speed Slow Rotor Speed Slow For Speed Fast For Speed Fast For Speed Fast For Speed Fast Horn Speed Fast H	Option  Option  V I  + +  + +  + +  + +  + +  + +  + +	0 - 100 0 - 4 0 - 5 0 - 20 0 - 103 1 - 16383 1 - 16383 1 - 127 1 - 127 0 - 127 0 0 - 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  0 - 100 [%]  Transistor, Vintage Tube, Dist I, Dist 2, Fuzz Flat.Stack, Combo, Twin, Radio, Megaphone 0 - 20 0 - 100 [%] 0.1 - 1638.3 [ms] 0.1 - 1638.3 [ms] 0.3 - 1638.3 [ms] 0.4 - 1638.3 [ms] 0.5 - 1638.4 [ms] 0.6 - 263 + 463 0 - 127  Data Range  Display  0.0 - 2.65 [Hz] 0.0 - 2.65 [Hz] 0.0 - 2.65 [Hz] 0.0 - 2.65 [Hz] 0.1   127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 128 [Hz] 1.2 + Hz   L=H - L=H63 1.3 - 1.2 + Hz   L=H   1.3 - 1.3   L=H   1.3	Defa  14  3  2  6  92  25000  50000  76  127  444  0  0  0  0  0  0  Defa  18  89  91  54  22  22  52  14  72  14  72  14  72  14  74  74  75  76  77  78  78  78  78  78  78  78  78	Display 14[96] Dist2 Combo 6 92[96] 250.0[ms] 500.0[ms] 500.0[ms] +12 D-W63 44	table#16 table#15  See Table table#1 table#1 table#3 table#3  See Table table#3	Control	Notes resolution=3deg.
No.	Parameter Name  Overdrive Device Speaker Presence Output Level Doblay Time L Delay Time R Delay Feedback Level Dry/Wet Balance Delay Mix  Parameter Name  Rotor Spead Slow Horn Speed Slow Horn Speed Slow Horn Speed Fast Horn Speed Fast Horn Speed Fast Horn Speed Slow Drive High Low/High Balance Delay Mix  Parameter Name  Rotor Speed Slow Rotor Speed Fast Horn Speed Fast Rotor Slow-Fast Time Drive Low Drive High Low/High Frequency EQ High Gain Mic Le Rangle Speed Control  TOR SPEAKER 2  Rotor Speed Slow Horn Speed Fast Horn Slow-Fast Time Horn Slow-Fast Time Drive Low Drive High Low/High Balance	Option  Option  V I  + +  + +  + +  + +  + +  + +  + +	0 - 100 0 - 4 0 - 5 0 - 20 0 - 103 1 - 16383 1 - 16383 1 - 127 1 - 127 0 - 127 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display	Defa  14  3  2  6  92  2500  5000  76  127  44  0  0  0  0  0  Defa  18  89  91  54  22  20  22  34  61  60  0  Defa  14  18  91  95  14  18  91  95  91  14  12  12  13  14  15  16  16  16  17  18  18  18  18  18  18  18  18  18	Display   Display   14 96    Dist2   Combo   6   92 96    250.0[ms]   500.0[ms]   500.0[ms]   +12   D<   W63   44       Display   0.63 Hz    0.76 Hz    6.06 Hz    6.73 Hz    52   20   21   100 Hz  +8 dB    1.0[kHz  -3 dB    3 dB	table#16 table#15  See Table table#1 table#1 table#3 table#3  See Table table#3	Control	Notes resolution=3deg.
No.	Parameter Name  Overdrive Device Speaker Presence Output Level Doblay Time L Delay Time R Delay Feedback Level Dry/Wet Balance Delay Mix  Parameter Name  Rotor Speed Slow Horn Speed Slow Horn Speed Slow Horn Speed Fast Horn Speed Fast Horn Speed Fast Horn Speed Slow Parameter Name  Rotor Speed Slow Rotor Speed Slow Parameter Name  Rotor Speed Slow Rotor Speed Fast Horn Speed Fast Rotor Slow-Fast Time Drive Low Drive Low Drive High Low-High Frequency EQ Low Gain Mic Le Rangle Speed Control  TOR SPEAKER 2  Rotor Speed Slow Horn Speed Fast Time Drive Low Drive High Low-High Balance Low-High Balance	V I	0 - 100 0 - 4 0 - 5 0 - 20 0 - 103 1 - 16383 1 - 16383 1 - 127 1 - 127 0 - 127 0 - 127 64 - 127 0 - 127 0 - 127 0 - 127 1 - 127 4 - 40 0 - 63 0 - 63 64 - 127 0 - 127 1 - 127	Display  0 - 100 [%]  Transistor, Vintage Tube, Dist I, Dist 2, Fuzz Flat.Stack, Combo, Twin, Radio, Megaphone 0 - 20 0 - 100 [%] 0.1 - 1638.3 [ms] 0.1 - 1638.3 [ms] 0.1 - 1638.3 [ms] 0.3 - 463 0 - 1838.3 [ms] 0.4 - 1638.3 [ms] 0.53-W - D=W - D<0.63 0 - 127  Data Range  Display  0.0 - 2.65 [Hz] 0.0 - 2.65 [Hz] 0.0 - 2.65 [Hz] 0.0 - 2.65 [Hz] 0.1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1.2 - 14   L=H - L<163 1.2 - 14   L=H   L<163 1.3 - 180 [deg]  Slow, Fast  Data Range  Display  0.0 - 2.65 [Hz] 0.0 - 180 [deg]  Slow, Fast  Data Range  Display  0.0 - 2.65 [Hz] 0.0 - 2.65 [Hz] 0.0 - 2.7 [dB] 0.0 - 2.80 [dB] 0.1   2.2 - 41   2   2   2   2   2   2   2   2   2	Defa  14  3  2  6  92  2500  5000  76  127  44  0  0  0  0  0  Defa  18  89  91  14  14  12  20  22  25  127  14  14  18  91  54  41  72  34  61  60  0  Defa  14  18  91  91  91  91  91  91  91  91  91	Display 14[96] Disit2 Combo 6 92[96] 250.0[ms] 500.0[ms] 500.0[ms] +12 D-W63 44	table#16 table#15  See Table table#1 table#1 table#3 table#3  See Table table#3	Control	Notes resolution=3deg.
No.	Parameter Name  Overdrive Device Speaker Presence Output Level Doblay Time L Delay Time R Delay Feedback Level Dry/Wet Balance Delay Mix  Parameter Name  Rotor Speed Slow Horn Speed Slow Horn Speed Slow Horn Speed Fast Horn Speed Fast Horn Speed Fast Horn Speed Slow Drive Low Rotor Speed Slow Horn Speed Fast Horn Speed F	Option  Option  V I  + +  + +  + +  + +  + +  + +  + +	0 - 100 0 - 4 0 - 5 0 - 20 0 - 100 1 - 16383 1 - 16383 1 - 127 0 - 127 0 - 127 0 - 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  0 - 100 [%]  Transistor, Vintage Tube, Dist I, Dist 2, Fuzz Flat.Stack, Combo, Twin, Radio, Megaphone 0 - 20 0 - 100 [%] 0.1 - 1638.3 [ms] 0.1 - 1638.3 [ms] 0.1 - 1638.3 [ms] 0.3 - 463 0 - 1838.3 [ms] 0.4 - 1638.3 [ms] 0.7 - 1638.3 [ms] 0.7 - 1638.4 [ms] 0.8 - 265 [Hz] 0.9 - 265 [Hz] 0.0 - 2.65 [Hz] 0.0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1.2 - + 12 [dB] 0.0 - 180 [deg] Slow, Fast  Data Range  Display  0.0 - 2.65 [Hz] 0.0 - 2.65 [Hz] 0.0 - 2.65 [Hz] 0.0 - 2.7 [Display 0.0 - 2.8 [Hz] 0.0 - 180 [deg] Display  0.1 - 180 [deg] Double Range  Display  0.2 - 2.65 [Hz] 0.3 - 2.65 [Hz] 0.4 - 127 0 - 127	Defa  14  3  2  6  92  2500  5000  76  127  44  0  0  0  0  15  18  89  91  15  18  89  91  14  14  17  22  20  22  52  127  144  18  91  54  41  72  34  61  18  91  54  22  29  64  127  134  64  134  64  34	Display  14[96] Dist2 Combo 6 92[96] 250.0[ms] 500.0[ms] 500.0[ms] +12 D-W63 44	table#16 table#15  See Table table#1 table#1 table#3 table#3 table#3  See Table table#3	Control	Notes resolution=3deg.
No.	Parameter Name  Overdrive Device Speaker Presence Output Level Dolay Time L Dolay Time L Dolay Time R Dolay Feedback Lime Dolay Feedback Level Dry/Wet Balance Dolay Mix	V I	0 - 100 0 - 4 0 - 5 0 - 20 0 - 103 1 - 16383 1 - 16383 1 - 16383 1 - 127 0 - 127 0 - 127 0 - 0 0 0 0 - 63 0 - 63 64 - 127 0 - 127 0 - 127 1 - 127 1 - 127 1 - 127 1 - 127 0 - 63 64 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 1 - 127 1 - 127 0 -	Display 0 - 100 [%] Transistor, Vintage Tube, Dist I, Dist 2, Fuzz Flat. Stack Combo, Twin, Radio, Megaphone 0 - 20 0 - 100 [%] 0.1 - 1638.3 [ms] 0.1 - 1638.3 [ms] 0.1 - 1638.3 [ms] -63 - +63 D63.W - D=W - D <w63 -="" 0="" 127="" <="" td=""><td>Defa  14  3  2  6  92  2500  5000  76  127  44  0  0  0  0  15  18  89  91  14  72  34  61  60  0  Defa  18  91  91</td><td>Display  Display  14[96] Dist2 Combo 6 92[96] 250,0[ms] 500.0[ms] 500.0[ms] 500.0[ms] 6 0-2[96] 0-2[96] 0-2[96] 0-3[142] 0-3[142] 0.3[142]</td><td>table#16 table#15  See Table table#1 table#1 table#3  table#3 table#3  See Table table#1 table#1 table#1 table#1 table#3</td><td>Control</td><td>Notes resolution=3deg.</td></w63>	Defa  14  3  2  6  92  2500  5000  76  127  44  0  0  0  0  15  18  89  91  14  72  34  61  60  0  Defa  18  91  91	Display  Display  14[96] Dist2 Combo 6 92[96] 250,0[ms] 500.0[ms] 500.0[ms] 500.0[ms] 6 0-2[96] 0-2[96] 0-2[96] 0-3[142] 0-3[142] 0.3[142]	table#16 table#15  See Table table#1 table#1 table#3  table#3 table#3  See Table table#1 table#1 table#1 table#1 table#3	Control	Notes resolution=3deg.

	ON+TEMPO DELAY	1 0 3		D: D	D-6		T C T-11-	G1	¥*
No.	Parameter Name	Option V I		Data Range Display		ault Data Display	See Table	Control	Notes
	1 Delay Time 2 Delay Feedback Level	+ + +	0 - 19 1 - 127	64th/3 ~ 4thx6 -63 ~ +63	11 86	4th +22	table#14 table#16		
	3 Delay Mix 4 Dist Drive	+ +	0 - 127 0 - 127	0 ~ 127 0 ~ 127	62 8	62 8			
	5 Dist Output Level 6 Dist EQ Low Gain	+ +	0 - 127 52 - 76	0 ~ 127 -12 ~ +12 [dB]	88 70	88 +6[dB]	table#18		
	7 Dist EQ Mid Gain	+ +	52 - 76	-12 ~ +12 [dB]	68	+4[dB]			
	8 L/R Diffusion 9 Lag	+ + +	1 - 127 1 - 127	-63 ~ +63 [ms] -63 ~ +63 [ms]	64 64	+0[ms] +0[ms]			
1	0 Dry/Wet Balance 1 -	+ +	1 - 127 0	D63>W ~ D=W ~ D <w63< td=""><td>127 0</td><td>D<w63< td=""><td>table#15</td><td></td><td></td></w63<></td></w63<>	127 0	D <w63< td=""><td>table#15</td><td></td><td></td></w63<>	table#15		
1			0	-	0	-			
1	4 -		0	-	0	-			
1			0	-	0	-			
	IVE+TEMPO DELAY								
No.	Parameter Name	Option V I		Data Range Display		ault Data Display	See Table	Control	Notes
	1 Delay Time 2 Delay Feedback Level	+ +	0 - 19 1 - 127	64th/3 ~ 4thx6 -63 ~ +63	11 78	4th +14	table#14 table#16		
	3 Delay Mix 4 Dist Drive	+ +	0 - 127 0 - 127	0 ~ 127 0 ~ 127	64 10	64 10			
	5 Dist Output Level 6 Dist EQ Low Gain	+ +	0 - 127 52 - 76	0 ~ 127 -12 ~ +12 [dB]	110 68	110 +4[dB]	table#18		
	7 Dist EQ Mid Gain	+ +	52 - 76	-12 ~ +12 [dB]	70	+6[dB]			
	8 L/R Diffusion 9 Lag	+ +	1 - 127 1 - 127	-63 ~ +63 [ms] -63 ~ +63 [ms]	70 64	+6[ms] +0[ms]			
1	0 Dry/Wet Balance 1 -	+ +	1 - 127 0	D63>W ~ D=W ~ D <w63< td=""><td>127 0</td><td>D<w63< td=""><td>table#15</td><td></td><td></td></w63<></td></w63<>	127 0	D <w63< td=""><td>table#15</td><td></td><td></td></w63<>	table#15		
1			0	-	0	-			
1	4 -		0	-	0	-			
1			0	-	0	-			
	SSOR+DISTORTION+TEMPO DELAY								
No.	Parameter Name	Option V I		Data Range Display		ault Data Display	See Table	Control	Notes
	Delay Time     Delay Feedback Level	+ + +	0 - 19 1 - 127	64th/3 ~ 4thx6 -63 ~ +63	11 76	4th +12	table#14 table#16		
	3 Delay Mix 4 Dist Drive	+ +	0 - 127 0 - 127	0 ~ 127 0 ~ 127	62 10	62 10			
	5 Dist Output Level 6 Dist EQ Low Gain	+ +	0 - 127 52 - 76	0 ~ 127 -12 ~ +12 [dB]	90 72	90 +8[dB]	table#18		
	7 Dist EQ Mid Gain	+ +	52 - 76	-12 ~ +12 [dB]	74	+10[dB]			
	8 L/R Diffusion 9 Lag	+ +	1 - 127 1 - 127	-63 ~ +63 [ms] -63 ~ +63 [ms]	70 64	+6[ms] +0[ms]			
	0 Dry/Wet Balance 1 Comp. Attack	+ + +	1 - 127 0 - 19	D63>W ~ D=W ~ D <w63 1 ~ 40 [ms]</w63 	127 4	D <w63 5[ms]</w63 	table#15 table#8		
1	2 Comp. Release 3 Comp. Threshold	+ +	0 - 15 79 - 121	10 ~ 680 [ms] -48 ~ -6 [dB]	4 101	45[ms] -26[dB]	table#9		
	4 Comp. Ratio	+ +	0 - 7	1.0 ~ -20.0	3	3.0	table#10		
	6 -		0	-	0	-			
COMPRES	SSOR+OVER DRIVE+TEMPO DELAY		0	-  -		-			W.
COMPRES No.	SSOR+OVER DRIVE+TEMPO DELAY Parameter Name	Option V I		Data Range Display	Def	ault Data Display	See Table	Control	Notes
COMPRES No.	SOR+OVER DRIVE+TEMPO DELAY Parameter Name  I Delay Time Delay Feedback Level	Option   V I   + + + + + + + + + + + + + + + + + +	0 - 19 1 - 127	Display 64th/3 ~ 4thx6 -63 ~ +63	Def:	Display 4th +10	See Table table#14 table#16	Control	Notes
COMPRES No.	SSOR+OVER DRIVE+TEMPO DELAY Parameter Name  1 Delay Time	Option   V I   + + + + + + + + + + + + + + + + + +	0 - 19	Display  64th/3 ~ 4thx6  -63 ~ +63  0 ~ 127  0 ~ 127	Def	Display 4th	table#14	Control	Notes
COMPRES No.	SSOR+OVER DRIVE+TEMPO DELAY Parameter Name  I Delay Time Delay Feedback Level 3Delay Mix 4 Dist Drive 5Dist Output Level	Option   V I   + + + + + + + + + + + + + + + + + +	0 - 19 1 - 127 0 - 127 0 - 127 0 - 127	Display  64th/3 ~ 4thx6  -63 ~ +63  0 ~ 127  0 ~ 127  0 ~ 127	Def:	9 94 94 94	table#14	Control	Notes
COMPRES No.	SOR+OVER DRIVE+TEMPO DELAY Parameter Name  I Delay Time Delay Feedback Level Sbelay Mix 4 Dist Drive Sibit Output Level Gibia EQ Low Gain 7 Dist EQ Mid Gain	Option   V   I   + + + + + + + + + + + + + + + + +	0 - 19 1 - 127 0 - 127 0 - 127 0 - 127 52 - 76 52 - 76	Display  64th/3 ~ 4thx6  -63 ~ +65  0 ~ 127  0 ~ 127  0 ~ 127  -12 ~ +12 [dB]  -12 ~ +12 [dB]	Def:	Display  4th +10 62 9 94 +10[dB] +10[dB]	table#14 table#16	Control	Notes
COMPRES No.	SOR+OVER DRIVE+TEMPO DELAY Parameter Name  I Delay Time Delay Feedback Level Sbelay Mix U Dist Drive Dist Output Level Gibis EQ Low Gain Pibis EQ Mid Gain U.R Diffusion June June June June June June June Jun	Option V I	0 - 19 1 - 127 0 - 127 0 - 127 52 - 76 52 - 76 1 - 127 1 - 127	Display  64th/3 ~ 4thx6  -63 ~ +63  0 ~ 127  0 ~ 127  12 ~ +12 [dB]  -12 ~ +12 [dB]  -63 ~ +63 [ms]  -63 ~ +63 [ms]	Def: 111 74 62 9 94 74 74 70 64	Display  4th +10 62 9 44+10[dB] +10[dB] +6[ms] +0[ms]	table#14 table#16 table#18	Control	Notes
No.	SOR+OVER DRIVE+TEMPO DELAY Parameter Name  I Delay Time Delay Feedback Level Jbelay Mix Usit Drive Dist Output Level Gibis EQ Low Gain Pibis EQ Mid Gain UR Jiffusion Jlag DDy/Wet Balance Comp. Attack	Option V I I + + + + + + + + + + + + + + + + +	0 - 19 1 - 127 0 - 127 0 - 127 0 - 127 52 - 76 52 - 76 1 - 127 1 - 127 0 - 19	Display  64th/3 ~ 4thx6  -63 ~ +63  0 ~ 127  0 ~ 127  12 ~ +12 [dB]  -12 ~ +12 [dB]  -63 ~ +63 [ms]  -63 ~ +63 [ms]  D63>W ~ D=W ~ D <w63 1="" 40="" [ms]<="" td="" ~=""><td>Def: 11 74 62 9 94 74 74 70 64 127 8</td><td>Display  4th +10 62 9 94 +10[dB] +10[dB] +0[ms] D<w63 9[ms]<="" td=""><td>table#14 table#16 table#18 table#15 table#8</td><td>Control</td><td>Notes</td></w63></td></w63>	Def: 11 74 62 9 94 74 74 70 64 127 8	Display  4th +10 62 9 94 +10[dB] +10[dB] +0[ms] D <w63 9[ms]<="" td=""><td>table#14 table#16 table#18 table#15 table#8</td><td>Control</td><td>Notes</td></w63>	table#14 table#16 table#18 table#15 table#8	Control	Notes
No.	SOR+OVER DRIVE+TEMPO DELAY Parameter Name  I Delay Time 2 Delay Feedback Level 3 Delay Mix 4 Dist Drive 5 Dist Guptu Level 6 Dist EQ Low Gain Dist EQ Mid Gain 8 LR Diffusion 9 Lag 1 Dry/Wet Balance 1 Comp. Attack 2 Comp. Release	Option V I I + + + + + + + + + + + + + + + + +	0 - 19 1 - 127 0 - 127 0 - 127 0 - 127 52 - 76 52 - 76 1 - 127 1 - 127	Display  64th/3 ~ 4thx6  -63 ~ +63  0 ~ 127  0 ~ 127  0 ~ 127  0 ~ 127  1.2 ~ +12 [dB]  -12 ~ +12 [dB]  -63 ~ +63 [ms]  -63 ~ +63 [ms]  063-W ~ D~W ~ D~W63  1 ~ 40 [ms]  10 ~ 680 [ms]	Defi 11 74 62 9 94 74 74 70 64 127	Display  4th +10 62 9 94 +10[dB] +10[dB] +6[ms] +0[ms] 100[ms]	table#14 table#16 table#18	Control	Notes
No.	SOR+OVER DRIVE+TEMPO DELAY Parameter Name  I Delay Time Delay Feedback Level Jobelay Mix J	Option   V   I   + + + + + + + + + + + + + + + + +	0 - 19 1 - 127 0 - 127 0 - 127 0 - 127 52 - 76 52 - 76 1 - 127 1 - 127 1 - 127 0 - 19 0 - 15 79 - 121	Display  64th/3 ~ 4thx6  -63 ~ +63  0 ~ 127  0 ~ 127  12 ~ +12 [dB]  -12 ~ +12 [dB]  -63 ~ +63 [ms]  -63 ~ +63 [ms]  D63>W ~ D=W ~ D <w63 1="" 40="" [ms]<="" td="" ~=""><td>Defi 11 74 62 9 94 74 74 70 64 127 8</td><td>Display  4th +10 62 9 94 +10[dB] +10[dB] +0[ms] D<w63 9[ms]<="" td=""><td>table#14 table#16 table#18 table#15 table#8</td><td>Control</td><td>Notes</td></w63></td></w63>	Defi 11 74 62 9 94 74 74 70 64 127 8	Display  4th +10 62 9 94 +10[dB] +10[dB] +0[ms] D <w63 9[ms]<="" td=""><td>table#14 table#16 table#18 table#15 table#8</td><td>Control</td><td>Notes</td></w63>	table#14 table#16 table#18 table#15 table#8	Control	Notes
No.	SOR+OVER DRIVE+TEMPO DELAY Parameter Name  I Delay Time Delay Feedback Level Delay Mix Usit Drive Dist Output Level Gibis EQ Low Gain Plus EQ Mid Gain L/R Diffusion Jlag DDry/Wet Balance Comp. Attack Comp. Release 3 Comp. Threshold 4 Comp. Ratio	Option   V   I   + + + + + + + + + + + + + + + + +	0 - 19 1 - 127 0 - 127 0 - 127 0 - 127 52 - 76 1 - 127 1 - 127 1 - 127 0 - 19 0 - 15 79 - 121	Display  64th/3 ~ 4thx6  -63 ~ +63  0 ~ 127  0 ~ 127  12 ~ +12 [dB]  -12 ~ +12 [dB]  -12 ~ +12 [dB]  -63 ~ +63 [ms]  -63 ~ +63 [ms]  10 ~ 680 [ms]  10 ~ 680 [ms]  48 ~ -6 [dB]	Defi 11 74 62 9 94 74 70 64 127 8 9 103 3	Display  4th  +10 62 9 94 +10[dB] +10[dB] +0[ms] D <w63 100[ms]="" 24[db]="" 3.0<="" 9[ms]="" td=""><td>table#14 table#16 table#18 table#15 table#8 table#9</td><td>Control</td><td>Notes</td></w63>	table#14 table#16 table#18 table#15 table#8 table#9	Control	Notes
No.	SOR+OVER DRIVE+TEMPO DELAY Parameter Name  I Delay Time Delay Feedback Level Jbelay Mix	V I + + + + + + + + + + + + + + + + + +	0 - 19 1 - 127 0 - 127 0 - 127 0 - 127 52 - 76 52 - 76 51 - 127 1 - 127 1 - 127 0 - 19 0 - 15 79 - 121 0 - 7 0	Display  64th/3 ~ 4thx6  -63 ~ +63  0 ~ 127  0 ~ 127  0 ~ 127  12 ~ +12 [dB]  -12 ~ +12 [dB]  -13 ~ +63 [ms]  63 ~ +63 [ms]  63 ~ +63 [ms]  1 ~ 40 [ms]  10 ~ 680 [ms]  -48 ~ -6 [dB]  1.0 ~ -20.0	Def.  11 74 62 9 47 74 74 70 64 127 8 9 103 3 0 0	Display 4th +10 62 9 44 +10[dB] +10[dB] +6[ms] D <w63 -24[db]="" -<="" 100[ms]="" 3.0="" 9[ms]="" td=""><td>table#14 table#16 table#18 table#15 table#8 table#9 table#10</td><td></td><td></td></w63>	table#14 table#16 table#18 table#15 table#8 table#9 table#10		
No.   No.	SOR+OVER DRIVE+TEMPO DELAY Parameter Name  I Delay Time Delay Feedback Level Jbelay Mix 4 Dist Drive Jbielay Mix 5 Dist Output Level 6 Dist EQ Low Gain 7 Dist EQ Mid Gain 8 L/R Diffusion 9 Lag 0 Dby/Wet Balance Comp. Attack 2 Comp. Release 3 Comp. Threshold 4 Comp. Ratio  TORTION+TEMPO DELAY Parameter Name	Option   V I   + + + + + + + + + + + + + + + + + +	0-19 1-127 0-127 0-127 0-127 0-127 52-76 52-76 1-127 1-127 1-127 0-7 0	Display  64th/3 − 4thx6  -63 − +63  0 − 127  0 − 127  0 − 127  12 − +12 [dB]  -12 − +12 [dB]  -13 − +63 [ms]  63 − +63 [ms]  63 − +63 [ms]  1 − 40 [ms]  10 − 880 [ms]  -48 − 6 [dB]  1.0 − -20.0  -1  Data Range  Display	Def.  111 74 62 9 94 74 74 70 64 127 8 9 103 3 0 0	Display  4th +10 62 9 94 +10[dB] +10[dB] +0[ms] D <w63 -24[db]="" 3.0="" 9[ms]="" d<w63="" display<="" td=""><td>table#14 table#16 table#18 table#15 table#8 table#9 table#10</td><td>Control</td><td>Notes  Notes</td></w63>	table#14 table#16 table#18 table#15 table#8 table#9 table#10	Control	Notes  Notes
COMPRES No.	SOR+OVER DRIVE+TEMPO DELAY Parameter Name  I Delay Time Delay Feedback Level Sbelay Mix 4 Dist Drive Sbist Output Level 6 Dist EQ Low Gain 7 Dist EQ Mid Gain 8 L/R Diffusion 91 Lag 0 Dby/Wet Balance 1 Comp. Attack 2 Comp. Release 3 Comp. Threshold 4 Comp. Ratio 6 TORTION+TEMPO DELAY Parameter Name 1 Delay Time 2 Delay Feedback Level	V I	0-19 1-127 0-127 0-127 0-127 0-127 52-76 1-127 1-127 1-127 0-7 0 0	Display	Def.  111 74 62 9 94 74 74 70 64 127 8 9 103 3 0 0	Display  4th +10 62 9 94 +10[dB] +10[dB] +0[ms] D-W63 9[ms] -24[dB] 3.0 Display  4th +22	table#14 table#16 table#18 table#15 table#8 table#9 table#10		
COMPRES No.	SOR+OVER DRIVE+TEMPO DELAY Parameter Name  I Delay Time Delay Feedback Level Sbelay Mix 4 Dist Drive Sibied Wint Sibied Orive Sibied Or	V I	0 - 19 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 52 - 76 52 - 76 52 - 76 52 - 76 1 - 127 1 - 127 0 - 19 0 - 19 0 - 19	Display	Def.  11 74 62 9 9 94 74 74 76 64 13 8 9 103 3 0 0  Def.  86 52 10	Display  4th +10 62 9 94 +10[dB] +10[dB] +0[ms] 0-2w63 9[ms] 100[ms] 2-24[dB] 3.0 Display 4th +22 52 10	table#14 table#16 table#18 table#18 table#18 table#8 table#9 table#10  See Table table#14 table#16		
COMPRES No.	SSOR+OVER DRIVE+TEMPO DELAY Parameter Name  I Delay Time Delay Feedback Level Jobelay Mix	V I	0 - 19 1 - 127 0 - 127 0 - 127 0 - 127 1 - 127 52 - 76 52 - 76 53 - 76 54 - 76 54 - 76 56 - 76 57 - 76 67 -	Display	Def.  11 74 62 9 94 74 74 70 64 127 8 9 103 3 0 0  Def.  11 86 52 10 120	Display	table#14 table#16 table#18 table#15 table#15 table#9 table#10  See Table table#14		
COMPRES No.	SSOR+OVER DRIVE+TEMPO DELAY Parameter Name  I Delay Time Delay Feedback Level Jobelay Mix	V I	0-19 1-127 0-127 0-127 0-127 0-127 0-127 1-127 1-127 1-127 0-15 79-121 0-19 1-127 0-19 1-127 0-19 1-127 0-19 52-76	Display  64th/3 ~ 4thx6  -63 ~ +63  0 ~ 127  0 ~ 127  0 ~ 127  0 ~ 127  0 ~ 127  1.2 ~ +12 [dB]  -12 ~ +12 [dB]  -12 ~ +12 [dB]  -63 ~ +63 [ms]  -63 ~ +63 [ms]  -63 ~ +63 [ms]  1 ~ 40 [ms]  10 ~ 680 [ms]  -48 ~ -6 [dB]  1.0 ~ -20.0	Def.  111 74 62 9 94 74 74 70 64 127 8 9 103 3 0 0  Def.  11 86 52 10 120 68 64	Display  4th 4th 4th 4th 6t2 9 9 44 +10[dB] +10[dB] +0[ms] D>W63 9[ms] 100[ms] 2-24[dB] 3.0 ault Data Display 4th +22 52 10 120 4d[dB] +(d[dB]) +(d[dB]) +(d[dB]) +(d[dB]) +(d[dB])	table#14 table#16 table#18 table#18 table#18 table#8 table#9 table#10  See Table table#14 table#16		
COMPRES   No.	SOR+OVER DRIVE+TEMPO DELAY Parameter Name  I Delay Time Delay Feedback Level Jobelay Mix J	V I	0 - 19 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 52 - 76 52 - 76 1 - 127 1 - 127 0 - 15 79 - 121 0 - 7 0 - 19 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127	Display  64th/3 ~ 4thx6  -63 ~ +63  0 ~ 127  0 ~ 127  0 ~ 127  0 ~ 127  1 ~ 12 ~ +12 [dB]  -12 ~ +12 [dB]  -13 ~ +63 [ms]  -63 ~ +63 [ms]  -63 ~ +63 [ms]  10 ~ 808 [ms]  48 ~ -6 [dB]  1.0 ~ -20.0	Def.  111 74 62 9 94 74 74 70 64 127 8 9 103 3 0 0  Def.  11 86 52 10 120 68 68 70 64	Display  4th +10 62 9 94 +10[dB] +10[dB] +10[dB] +0[ms] D>W63 9[ms] 100[ms] 2-4[dB] 3.0 3.0 5.0 100[ms] -24[dB] 4th +22 10 120 +4[dB] +6[ms] +6[ms] 0[ms]	table#14 table#15 table#15 table#15 table#15 table#8 table#10  See Table table#14 table#16 table#18		
COMPRES No.	SOR+OVER DRIVE+TEMPO DELAY Parameter Name  I Delay Time Delay Feedback Level I Delay Feedback Level I Delay Mix 4 Dist Drive Dist Output Level 6 Dist EQ Low Gain 7 Dist EQ Mid Gain 8 L/R Diffusion 91 Lag 0 Dry/Wet Balance 1 Comp. Artack 2 Comp. Release 1 Comp. Ratio 6 Comp. Ratio 7 Delay Time Parameter Name 1 Delay Time 1 Delay Time 2 Delay Feedback Level 3 Delay Mix 4 Dist Drive 6 Dist EQ Low Gain 1 Dist Q Mid Gain 8 L/R Diffusion 9 Dist EQ Mid Gain 8 L/R Diffusion 9 Dist Q Mid Gain 8 L/R Diffusion 9 Day Wet Balance 1 Delay Time 1 Delay Time 2 Delay Feedback Level 8 Dist Output Level 8 Dist Output Level 9 Dist Diffusion 9 Dist Q Mid Gain 8 L/R Diffusion 9 Day Wet Balance 9 Dry/Wet Balance 9 Wash Sensitivity	V I	0 - 19 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 52 - 76 52 - 76 1 - 127 1 - 127 0 - 15 79 - 121 0 - 7 0 0 0 - 19 1 - 127 0 - 127 0 - 127 0 - 127 1 - 127 0 - 127	Display  64th/3 ~ 4thx6  -63 ~ +63  0 ~ 127  0 ~ 127  0 ~ 127  0 ~ 127  0 ~ 127  12 ~ +12 [dB]  -12 ~ +12 [dB]  -12 ~ +12 [dB]  -63 ~ +63 [ms]  -63 ~ +63 [ms]  1 ~ 40 [ms]  10 ~ 680 [ms]  -48 ~ 6 [dB]  1.0 ~ -20.0    Data Range  Display  64th/3 ~ 4thx6  -63 ~ +63  0 ~ 127  0 ~ 127  0 ~ 127  0 ~ 127  1 ~ 2 ~ +12 [dB]  -63 ~ +63 [ms]  -63 ~ W ~ D=W ~ D <w63 0="" 127<="" td="" ~=""><td>Def.  111 74 62 9 94 74 74 70 64 127 8 9 103 3 0 0  Def.  11 86 86 87 70 68 84 70 64 127 88 9 103 70 70 70 70 70 70 70 70 70 70 70 70 70</td><td>Display  4th 4th 4th 4th 62 9 94 4+10[dB] +10[dB] +10[dB] +6[ms] 0&gt;(w63 9[ms] 100[ms] 2-24[dB] 3.0 3.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1</td><td>table#14 table#16 table#18 table#18 table#18 table#8 table#9 table#10  See Table table#14 table#16</td><td></td><td></td></w63>	Def.  111 74 62 9 94 74 74 70 64 127 8 9 103 3 0 0  Def.  11 86 86 87 70 68 84 70 64 127 88 9 103 70 70 70 70 70 70 70 70 70 70 70 70 70	Display  4th 4th 4th 4th 62 9 94 4+10[dB] +10[dB] +10[dB] +6[ms] 0>(w63 9[ms] 100[ms] 2-24[dB] 3.0 3.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	table#14 table#16 table#18 table#18 table#18 table#8 table#9 table#10  See Table table#14 table#16		
COMPRES No.	SOR+OVER DRIVE+TEMPO DELAY Parameter Name  I Delay Time Delay Feedback Level Delay Feedback Level Shelay Mix U Dist Drive Dist Output Level Gibis EQ Low Gain Pibis EQ Mid Gain BL/R Diffusion 91 Lag U Dry/Wet Balance Comp. Attack Comp. Release Gomp. Threshold Comp. Ratio For TORTION+TEMPO DELAY Parameter Name  I Delay Time Delay Time Delay Time Delay Time Delay Mix U Dist Drive Dist Output Level Dist EQ Low Gain Pibis EQ Mid Gain BL/R Diffusion JLag U Dry/Wet Balance	V I	0-19 1-127 0-127 0-127 0-127 0-127 1-127 1-127 1-127 1-127 0-15 0-19 1-127 0-19 0-19 1-127 0-127 0-127 0-127 0-127 0-127 1-127	Display	Def.  11 74 62 9 94 74 70 64 127 8 9 103 3 0 0  Def.  11 86 52 10 120 68 64 70 64 127	Display  4th +10 62 9 94 +10[dB] +10[dB] +10[dB] +0[ms] D <w63 +0[db]="" +0[ms]="" +22="" -1<="" -24[db]="" -4[db]="" 10="" 120="" 3.0="" 4th="" 52="" 9[ms]="" ault="" data="" display="" td="" u(ms)="" u(ms]=""><td>table#14 table#15 table#15 table#15 table#15 table#8 table#10  See Table table#14 table#16 table#18</td><td></td><td></td></w63>	table#14 table#15 table#15 table#15 table#15 table#8 table#10  See Table table#14 table#16 table#18		
COMPRES No. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SOR+OVER DRIVE+TEMPO DELAY Parameter Name  I Delay Time Delay Feedback Level Delay Mix U Dist Drive Dist Output Level Dist Output Level Dist Delay Mix U Dist Drive Dist Q Mid Gain U Delay Time Delay Time Delay Time Delay Time Delay Time Delay Time Dist Dy Mix Dist Drive Mid Gain U Dist Drive Dist Output Level Dist Output Level Dist Q Mid Gain U Dist Drive Dist Q Mid Gain U Dist R Dist Grive Dist Q Mix Dist R Diffusion Diry/Wet Balance U Wah Sensitivity Wah Cutoff Freq Offset Wah Resonance Wah Resonance	V I	0 - 19 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 1 - 127 1 - 127 1 - 127 0 - 19 0 - 19 1 - 127 0 - 19 1 - 127 0 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 1 - 127	Display	Def.  11 74 62 9 474 74 70 64 127 8 9 103 3 0 0  Def.  11 86 52 10 120 68 64 74 74 75 60 64 75 60 64 76 76 64 77 60 64 77 60 64 77 60 60 60 60 60 60 60 60 60 60 60 60 60	Display  4th +10 62 94 4+10[dB] +10[dB] +10[dB] +0[ms] D <w63 100[ms]="" 2-24[db]="" 3.0<="" 9[ms]="" td=""><td>table#14 table#15 table#15 table#15 table#15 table#8 table#10  See Table table#14 table#16 table#18</td><td></td><td></td></w63>	table#14 table#15 table#15 table#15 table#15 table#8 table#10  See Table table#14 table#16 table#18		
COMPRES No.	SOR+OVER DRIVE+TEMPO DELAY Parameter Name  I Delay Time Delay Feedback Level I Delay Peedback Level I Delay Mix 4 Dist Drive I Dist EQ Mid Gain I Delay Time I Delay Time I Delay Time I Delay Time I Dist EQ Mid Gain I Dist EQ Low Gain T Dist EQ Mid Gain I Dist EQ Low Gain T Dist EQ Mid Gain I LIR Diffusion I Dist EQ Low Gain T Dist EQ Mid Gain I LIR Diffusion I Wash Sensitivity I Wash Cutoff Freq Offset I Wash Resonance I Wash Resonance I Wash Release I Delay Flease I Delay Flease I Wash Eessitivity I Wash Censitivity I Wash Release I Delay Flease I Delay Flease I Delay Flease I Wash Resonance I Wash Release I Delay Flease I D	V I	0 - 19 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 1 - 127 1 - 127 1 - 127 0 - 19 0 - 15 79 - 121 0 - 7 0 0 0 - 127 0	Display	Def.  11 74 62 9 474 74 70 64 127 8 9 103 3 0 0  Def.  11 86 52 10 120 68 64 64 127 50 0 30 64	Display  4th +10 62 9 94 +10(dB] +10(dB] +6[ms] +0[ms] D>W63 9[ms] 100[ms] -24[dB] 3.0 3.0 1.0 24[dB] 4th +22 52 10 120 +4[dB] +6[ms] 0[ms] D <w63 0="" 3.0<="" 50="" td=""><td>table#15 table#15 table#15 table#10  See Table table#16 table#10  Lable#11 table#16 table#14 table#16 table#18</td><td></td><td></td></w63>	table#15 table#15 table#15 table#10  See Table table#16 table#10  Lable#11 table#16 table#14 table#16 table#18		
1	SOR+OVER DRIVE+TEMPO DELAY Parameter Name  I Delay Time Delay Feedback Level Delay Mix Dist Drive Dist Own Gain Dist EQ Low Gain Comp. Attack Comp. Release Gomp. Threshold 4 Comp. Release Gomp. Threshold 4 Comp. Relose  TORTION+TEMPO DELAY Parameter Name  I Delay Time Delay Time Delay Feedback Level Dist EQ Low Gain Dist EQ Low Gain Dist EQ Low Gain Dist EQ Low Gain Dist EQ Mid Gain LER Diffusion LER Diffusion Dist See Mix Wash Sensitivity Wash Cutoff Freq Offset Wash Sensitivity Wash Cutoff Freq Offset Wash Resonance	V I I + + + + + + + + + + + + + + + + +	0 - 19 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 1 - 127 1 - 127 1 - 127 0 - 127	Display	Def.  11 74 62 9 94 74 70 64 127 8 9 103 3 0 0  Def.  11 86 52 10 120 68 64 127 50 0 30 64 0 0	Display  4th 4th 4th 4th 4th 6th 62 9 94 4+10[dB] +10[dB] +0[ms] 0>W63 9[ms] 100[ms] 2-4[dB] 3.0 ault Data Display 4th +22 10 120 4t[dB] +6[ms] 0[ms] 0-W63 50 0 170[ms]	table#14 table#18 table#18 table#15 table#8 table#10  See Table table#14 table#16 table#18 table#15 table#11	Control	Notes
COMPRES No.	SOR+OVER DRIVE+TEMPO DELAY Parameter Name  I Delay Time Delay Feedback Level Jbelay Mix Jbist Drive Jbist Output Level Gibist EQ Low Gain Pist EQ Mid Gain R. R. Diffusion 91 Lag UDry/Wet Balance Comp. Attack Comp. Release Comp. Threshold Comp. Attack TORTION+TEMPO DELAY Parameter Name  I Delay Time Delay Time Delay Time Dist Oylow Gain Dist Oylow Gain Dist Oylow Gain Release Comp. Release Comp. Threshold Comp. Attack Comp. Release Romp. Threshold Comp. Thres	V I	0 - 19 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 1 - 127 1 - 127 1 - 127 0 - 15 79 - 121 0 - 19 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 0 - 127	Display  64th/3 ~ 4thx6  -63 ~ +63  0 ~ 127  0 ~ 127  0 ~ 127  0 ~ 127  0 ~ 127  12 ~ +12 [dB]  -12 ~ +12 [dB]  -13 ~ +63 [ms]  -63 ~ +63 [ms]  -63 ~ +63 [ms]  10 ~ 680 [ms]  48 ~ -6 [dB]  1.0 ~ -20.0    Data Range  Display  64th/3 ~ 4thx6  -63 ~ +63  0 ~ 127  0 ~ 127  0 ~ 127  0 ~ 127  12 ~ +12 [dB]  -63 ~ +63 [ms]  -7 ~ 12 ~ 12 [dB]  -10 ~ 127  0 ~ 127  1 ~ 12 ~ +12 [dB]  -10 ~ 680 [ms]  -10 ~ 680 [ms]  Data Range	Def.  111 74 62 9 94 74 74 70 64 127 8 9 103 3 0 0  Def.  11 86 52 10 120 68 64 70 64 127 50 0 0 0  Def.	Display  4th +10 62 9 94 +10[dB] +10[dB] +0[ms] D>W63 9[ms] 100[ms] -24[dB] 3.0 3.0 100[ms] -24[dB] 4th +22 10 120 120 14(dB] +6[ms] 0[ms] 0[ms] -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	table#14 table#15 table#15 table#19 table#10  See Table table#14 table#16 table#14 table#16 table#15 table#11		
COMPRES No. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SOR+OVER DRIVE+TEMPO DELAY Parameter Name  I Delay Time Delay Feedback Level I Delay Mix I Dist Drive I Dist Q Duff Gain I Dist Q Mid Gain I Delay Time I Delay Time I Delay Time I Delay Time I Dist Q Low Gain I Dist Q Mid Gain I Delay Time I Dist Q Mid Gain I Delay Time I Dist Q Low Gain I Dist Q Mix I Dist Drive I Dist Q Mix I Dist Drive I Dist Q Low Gain I Dist Q Mix I Dist Drive I Dist Q Mix I Dist Q Mix I Dist Drive I Dist Q Mix I Dist Drive I Dist Q Mix I Dist Q Mix I Dist Drive I Dist Q Mix I Dist Drive I Dist Q Mix I Dist Q Mix I Dist Drive I Delay Feedback Level I Delay Feedback Level	Option  Option  V I  + + + + + + + + + + + + + + + + + +	0 - 19 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 1 - 127 1 - 127 1 - 127 0 - 15 79 - 121 0 - 7 0 0 0 1 - 127 0 -	Display	Def.  111 74 62 9 94 74 74 70 64 127 8 9 103 3 0 0  Def.  111 86 64 70 0 0 0  Def.  111 84	Display  4th +10 62 9 94 +10[dB] +10[dB] +10[dB] +0[ms] D>W63 9[ms] 100[ms] -24[dB] 3.0 3.0 3.0 100[ms] -24[dB] 4th +22 10 120 4d[dB] +6[ms] 0[ms] 0[ms]	table#14 table#18 table#18 table#15 table#8 table#10  See Table table#14 table#16 table#18 table#15 table#11	Control	Notes
COMPRES No.	SOR+OVER DRIVE+TEMPO DELAY Parameter Name  I Delay Time Delay Feedback Level I Delay Feedback Level I Delay Mix H Dist Drive Sibict Output Level G Dist EQ Low Gain Pist EQ Mid Gain R L/R Diffusion 91 Lag U Dry/Wet Balance I Comp. Attack C Comp. Release C Comp. Threshold I Comp. Attack C Comp. Ratio  TORTION+TEMPO DELAY Parameter Name  I Delay Time Delay Time Delay Time Dist Dy Mix Dist Drive Dist GD Mid Gain R L/R Diffusion 91 Lag U Driy/Wet Balance I Delay Time Dist EQ Low Gain Dist EQ Mix J Dist Drive Dist Output Level G Dist EQ Low Gain Dist EQ Mid Gain R L/R Diffusion 91 Lag U Wah Sensitivity Wah Sensitivity Wah Sensitivity Wah Release 4 Wah Release 5 - 6 - ER DRIVE+TEMPO DELAY Parameter Name I Delay Time Delay Time Delay Fired Delay Feedback Level J Delay Freedback Level J Delay Freedback Level J Delay Fired Delay Freedback Level J Delay Fired Delay Fired Delay Fired Delay Fired Dist Drive	Option  Option  V I  + + + + + + + + + + + + + + + + + +	0 - 19 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 1 - 127 1 - 127 1 - 127 0 - 15 79 - 121 0 - 7 0 0 0 1 - 127 0 - 127	Display	Def.  111 74 62 9 94 74 74 70 64 127 8 9 103 0 0  Def.  111 86 64 70 0 0 0  Def.  111 84 58 16	Display  4th +10 62 9 94 +10[dB] +10[dB] +10[dB] +6[ms] +6[ms] +6[ms] 100[ms] D>W63 9 100[ms] -24[dB] 3.0 Display 4th +22 52 10 120 +4[dB] +6[ms] 0[ms] D <w63 0="" 170[ms]<="" 50="" td=""><td>table#15 table#15 table#16  table#15 table#15 table#8 table#10  See Table table#16 table#14 table#16 table#15 table#15 table#16 table#16</td><td>Control</td><td>Notes</td></w63>	table#15 table#15 table#16  table#15 table#15 table#8 table#10  See Table table#16 table#14 table#16 table#15 table#15 table#16 table#16	Control	Notes
COMPRES No. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SOR+OVER DRIVE+TEMPO DELAY Parameter Name  I Delay Time Delay Feedback Level I Delay Peedback Level I Delay Mix H Dist Drive Sibiet Output Level G Dist EQ Low Gain Pist EQ Mid Gain R LR Diffusion 91 Lag U Dry/Wet Balance C Comp. Attack 2 Comp. Threshold 4 Comp. Threshold 4 Comp. Threshold 4 Comp. Threshold 6 Comp. Threshold 9 Torrive 1 Delay Time 1 Delay Time 2 Delay Feedback Level 3 Delay Mix 4 Dist Drive 5 Dist Output Level G Dist EQ Low Gain Dist EQ Low Gain Dist EQ Mid Gain L R Diffusion 1 Lag U Dry/Wet Balance Wash Sensitivity Wash Cutoff Freq Offset 3 Wash Resonance 4 Wash Release 5 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 -	Option  Option  V I  + + + + + + + + + + + + + + + + + +	0 - 19 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 1 - 127 1 - 127 1 - 127 0 - 15 79 - 121 0 - 7 0 0 0 0 1 - 127 0	Display	Def.  111 74 62 9 94 74 74 70 64 127 8 9 103 3 0 0  Def.  111 86 52 10 10 10 64 127 60 64 127 60 64 127 60 64 127 66 64 127 66 64 127 66 66 66 66 66 66 66 66 66 66 66 66 66	Display  4th +10 62 9 94 +10[dB] +10[dB] +10[dB] +0[ms] D>W63 9[ms] 100[ms] -24[dB] 3.0 Display  4th +22 52 10 120 +4[dB] +6[ms] 0[ms] D-W63 50 0 170[ms]	table#14 table#16 table#18 table#15 table#19 table#10  See Table table#16 table#16 table#11  See Table table#15 table#12  See Table table#12	Control	Notes
COMPRES No. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SOR+OVER DRIVE+TEMPO DELAY Parameter Name  I Delay Time Delay Feedback Level Delay Feedback Level Delay Mix Usit Drive Dist Output Level Globis EQ Low Gain Plus EQ Mid Gain BLR Diffusion Jlag DDy/Wet Balance Comp. Attack Comp. Release Gomp. Threshold Comp. Ratio Solomy Threshold Solomy Threshol	Option  Option  V I  + + + + + + + + + + + + + + + + + +	0-19 1-127 0-127 0-127 0-127 0-127 1-127 1-127 1-127 1-127 1-127 0-15 0-19 0-19 1-127 0-127 0-127 0-127 1-127 0-127	Display	Def.  11 74 62 9 94 74 70 64 127 8 9 103 3 0 0  Def.  11 86 52 10 120 68 64 127 50 0 30 64 127 50 0 11 84 64 127 50 66 64 127 50 68 64 64 127 50 68 68 64 66 66 66 66 66 66 66 66 66 66 66 66	Display  4th +10 62 9 94 +10[dB] +10[dB] +10[dB] +0[ms] 102[ms] 24[dB] 3.0 Display  4th +22 52 10 120 +4[dB] +6[ms] 0[ms] D-w63 3.0 170[ms]	table#15 table#15 table#16  table#15 table#15 table#8 table#10  See Table table#16 table#14 table#16 table#15 table#15 table#16 table#16	Control	Notes
1	SOR+OVER DRIVE+TEMPO DELAY Parameter Name  I Delay Time Delay Feedback Level Delay Feedback Level Delay Feedback Level Delay Mix U Dist Drive Dist Output Level Gibis EQ Low Gain Pibis EQ Mid Gain BLR Diffusion Jlag DDy/Wet Balance Comp. Release Gomp. Threshold Comp. Ratio Comp. Ratio Comp. Release TORTION+TEMPO DELAY Parameter Name  Delay Time Delay Time Delay Time Delay Goutput Level Dist Output Level Dist EQ Low Gain Pibis EQ Mid Gain BLR Diffusion JLag DDy/Wet Balance Wath Sensitivity Wath Sensitivity Wath Comp. Release Sensitivity Dist Output Level Sensitivity Dist Dy Mix Helance Wath Release Sensitivity Dist Dy Mix Helance Wath Release Sensitivity Dist Dy Mix Helance Delay Time Delay Time Delay Time Delay Time Delay Time Delay Time Delay Fine Dist EQ Mix Gain Dist Dist Dist Dist Dist Dist Dist Dist	Option  Option  V I  + + + + + + + + + + + + + + + + + +	0-19 1-127 0-127 0-127 0-127 0-127 1-127 1-127 1-127 1-127 0-15 0-19 1-127 0-127 0-127 0-127 1-127 0-127	Display	Def.  11 74 62 9 94 74 70 64 127 8 9 103 3 0 0  Def.  11 86 52 10 120 68 64 127 50 0 30 64 127 50 0 30 64 127 50 66 67 66 68 68 67 66 68 68 68 68 68 68 68 68 68 68 68 68	Display  4th +10 62 9 94 +10[dB] +10[dB] +10[dB] +0[ms] 102[ms] 102[ms] 24[dB] 3.0 Display  4th +22 52 10 120 +4[dB] +6[ms] 0[ms] 0-w63 3.0 170[ms]	table#14 table#15 table#15 table#8 table#10  See Table table#16 table#11  See Table table#15 table#16 table#18  table#18  table#18	Control	Notes
COMPRES No. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SOR+OVER DRIVE+TEMPO DELAY Parameter Name  I Delay Time Delay Feedback Level I Delay Peedback Level I Delay Mix H Dist Drive I Dist EQ Mid Gain I Delay Time I Delay Time I Delay Time I Delay Time I Dist EQ Mid Gain I Delay Time I Dist EQ Mid Gain I R Diffisition	Option  Option  V I  + + + + + + + + + + + + + + + + + +	0 - 19 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 1 - 127 1 - 127 1 - 127 0 - 127	Display	Def.  111 74 62 9 94 74 74 70 64 127 8 9 103 3 0 0  Def.  111 86 52 10 120 68 64 70 0 0 0  Def.  111 84 58 66 61 70 68 68 65 70	Display   4th   +10   6th   2   2   9   9   4   10   6th   10   6th   2   6th   2	table#15 table#15 table#16  table#15 table#15 table#8 table#10  See Table table#16 table#14 table#16 table#15 table#15 table#16 table#16	Control	Notes

V DISTORTION HARD+TEMPO	DELAY
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No.	Parameter Name	Op	otion		Data Range	Defa	ault Data	See Table	Control	Notes
			VI		Display		Display			
1 Ove	erdrive		+ +	0 - 100	0 ~ 100 [%]	22	22[%]			
2 Dev	vice		+ +	0 - 4	Transistor, Vintage Tube, Dist1, Dist2, Fuzz	3	Dist2			
3 Spe	eaker		+ +	0 - 5	Flat,Stack,Combo,Twin,Radio,Megaphone	2	Combo			
4 Pre	sence		+ +	0 - 20	0 ~ 20	5	5			
5 Out	tput Level		+ +	0 - 100	0 ~ 100 [%]	82	82[%]			
6 Del	lay Time		+ +	0 - 19	64th/3 ~ 4thx6	11	4th	table#14		
7 Del	ay Feedback Level		+ +	1 - 127	-63 ~ +63	90	+26	table#16		
8 L/R	Diffusion		+ +	1 - 127	-63 ~ +63 [ms]	72	+8[ms]			
9 Lag			+ +	1 - 127	-63 ~ +63 [ms]	64	0[ms]			
10 Dry	//Wet Balance		+ +	1 - 127	D63>W ~ D=W ~ D <w63< td=""><td>127</td><td>D<w63< td=""><td>table#15</td><td></td><td></td></w63<></td></w63<>	127	D <w63< td=""><td>table#15</td><td></td><td></td></w63<>	table#15		
11 Del	lay Mix		+ +	0 - 127	0 ~ 127	64	64			
12 -				0	-	0	-			
13 -				0	-	0	-			
14 -				0	-	0	-			
15 -				0	-	0	-			
16 -				0	-	0	-			

V DISTORTION SOFT+TEMPO DELAY

No.	Parameter Name	0	ption	1		Data Range	Defa	ult Data	See Table	Control	Notes
			V	I		Display		Display			
1 Overd	rive		+	+	0 - 100	0 ~ 100 [%]	14	14[%]			
2 Devic	e		+	+	0 - 4	Transistor, Vintage Tube, Dist1, Dist2, Fuzz	3	Dist2			
3 Speak	er		+	+	0 - 5	Flat,Stack,Combo,Twin,Radio,Megaphone	2	Combo			
4 Preser	nce		+	+	0 - 20	0 ~ 20	6	6			
5 Outpu	t Level		+	+	0 - 100	0 ~ 100 [%]	90	90[%]			
6 Delay	Time		+	+	0 - 19	64th/3 ~ 4thx6	11	4th	table#14		
7 Delay	Feedback Level		+	+	1 - 127	-63 ~ +63	92	+28	table#16		
8 L/R D	diffusion		+	+	1 - 127	-63 ~ +63 [ms]	77	+13[ms]			
9 Lag			+	+	1 - 127	-63 ~ +63 [ms]	64	+0[ms]			
10 Dry/V	Vet Balance		+	+	1 - 127	D63>W ~ D=W ~ D <w63< td=""><td>127</td><td>D<w63< td=""><td>table#15</td><td></td><td></td></w63<></td></w63<>	127	D <w63< td=""><td>table#15</td><td></td><td></td></w63<>	table#15		
11 Delay	Mix		+	+	0 - 127	0 ~ 127	66	66			
12 -					0	-	0	-			
13 -					0	-	0	-			
14 -					0	-	0	-			
15 -					0	-	0	-			
16 -					0	-	0	-			

V-FLANGER

-PLANGE	K									
No.	Parameter Name	0	otion		Data Range	Defa	ult Data	See Table	Control	Notes
			V I		Display		Display			
1	LFO Freq		+ +	0 - 127	0.0 ~ 39.70 [Hz]	5	0.21[Hz]	table#1		
2	LFO Depth		+ +	0 - 127	0 ~ 127	45	45			
3	LFO Wave		+ +	0 - 2	Triangle,Sine,Random	0	Triangle			
4	Delay Offset		+ +	0 - 139	0.09 ~ 36.21 [ms]	17	0.46[ms]	table#23		
5	Feedback Level		+ +	0 - 200	-100 ~ +100 [%]	184	+84[%]			
6	EQ Low Frequency		+ +	4 - 40	32 ~ 2.0k [Hz]	28	500[Hz]	table#3		
7	EQ Low Gain		+ +	52 - 76	-12 ~ +12 [dB]	64	+0[dB]			
8	EQ High Frequency		+ +	28 - 58	500 ~ 16.0k [Hz]	46	4.0[kHz]	table#3		
9	EQ High Gain		+ +	52 - 76	-12 ~ +12 [dB]	64	+0[dB]			
10	Dry/Wet Balance		+ +	1 - 127	D63>W ~ D=W ~ D <w63< td=""><td>127</td><td>D<w63< td=""><td>table#15</td><td></td><td></td></w63<></td></w63<>	127	D <w63< td=""><td>table#15</td><td></td><td></td></w63<>	table#15		
11	EQ mid frequency		+ +	14 - 54	100 ~ 10.0k [Hz]	46	4.0[kHz]	table#3		
12	EQ mid gain		+ +	52 - 76	-12 ~ +12 [dB]	64	+0[dB]			
13	EQ mid width		+ +	1 - 120	0.1 ~ 12.0	10	1.0			
14	Modulation Phase		+ +	0 - 16	-180 ~ +180 [deg]	16	+180[deg]	table#24		
15	Feedback High Damp		+ +	1 - 10	0.1 ~ 1.0	9	0.9			
16	Analog Feel		+ +	0 - 10	0 ~ 10	5	5			

MULTI BAND COMP BASIC

No.	Parameter Name	C	Optio	n		Data Range	Def	ault Data	See Table	Control	Notes
			1	/ I		Display		Display			
1	Type		+	+	0 - 12	Normal, Low, Mid, High, Low/High, Low/Mid,	9	Attacky			
	**					Mid/High, Full Bit, Wild, Attacky, Low End, Hard,		-			
2	Threshold Offset		+	+	32 - 96	-32 ~ +32	64	+0			
3	Low Gain Offset		4	+	1 - 127	-63 ~ +63	64	+0			
4	Mid Gain Offset		+	+	1 - 127	-63 ~ +63	64	+0			
5	High Gain Offset		+	+	1 - 127	-63 ~ +63	64	+0			
6	_				0	-	0	-			
7	_				0	-	0	-			
8	_				0	-	0	-			
9	_				0	-	0	-			
10	_				0	-	0	-			
11					0	-	0	-			
12	-				0	-	0	-			
13					0	-	0	-			
14	-				0	-	0	-			
15	-				0	-	0	-			
16	-				0	-	0	-			

No.	Parameter Name	Op	otion		Data Range	Defa	ault Data	See Table	Control	Notes
			VI		Display		Display			
1 LF	FO Freq		+ +	5 - 21	16th ~ 4thx8	17	4thx4	table#14		
2 LF	O Depth		+ +	0 - 127	0 ~ 127	10	10			
3 Fe	edback Level		+ +	1 - 127	-63 ~ +63	12	-52			
4 De	elay Offset		+ +	0 - 127	0.0 ~ 50.0 [ms]	2	0.2[ms]	table#2		
5 LF	FO Phase Reset		+ +	0 - 2	Off (free run), KeyOnReset, SEQ Start Reset	0	Off			Abbr: off, KeyOn, SeqStart
6 EQ	Q Low Frequency		+ +	4 - 40	32 ~ 2.0k [Hz]	28	500[Hz]	table#3		
7 EQ	Q Low Gain		+ +	52 - 76	-12 ~ +12 [dB]	64	+0[dB]			
8 EQ	Q High Frequency		+ +	28 - 58	500 ~ 16.0k [Hz]	46	4.0[kHz]	table#3		
9 EQ	Q High Gain		+ +	52 - 76	-12 ~ +12 [dB]	64	+0[dB]			
10 Dr	ry/Wet Balance		+ +	1 - 127	D63>W ~ D=W ~ D <w63< td=""><td>96</td><td>D<w32< td=""><td>table#15</td><td></td><td></td></w32<></td></w63<>	96	D <w32< td=""><td>table#15</td><td></td><td></td></w32<>	table#15		
11 EQ	mid frequency		+ +	14 - 54	100 ~ 10.0k [Hz]	40	2.0[kHz]	table#3		
12 EQ	Q mid gain		+ +	52 - 76	-12 ~ +12 [dB]	64	+0[dB]			
13 EQ	Q mid width		+ +	10 - 120	1.0 ~ 12.0	10	1.0			
14 LF	O phase difference		+ +	4 - 124	-180 ~ +180 [deg]	64	+0[deg]			
15 -				0	-	0				
16 -			I  I  I	0	_	0	-		1	

TEMPO PI				D. D.	D.C	1. D .	T		
No.	Parameter Name	Option V I		Data Range Display	Dera	ault Data Display	See Table	Control	Notes
	LFO Freq LFO Depth	+ +	5 - 21	16th ~ 4thx8 0 ~ 127	17	4thx4	table#14		
	Phase Shift Offset	+ +	0 - 127 0 - 127	0 ~ 127	48 67	48 67			
	Feedback Level LFO Phase Reset	+ +	1 - 127 0 - 2	-63 ~ +63 Off (free run), KeyOnReset, SEQ Start Reset	108 0	+44 Off			
	EQ Low Frequency	+ +	4 - 40	32 ~ 2.0k [Hz]	28	500[Hz]	table#3		
	Figure 1 EQ Low Gain Figure 1 EQ High Frequency	+ +	52 - 76 28 - 58	-12 ~ +12 [dB] 500 ~ 16.0k [Hz]	64 46	+0[dB] 4.0[kHz]	table#3		
	EQ High Gain	+ +	52 - 76	-12 ~ +12 [dB]	64	+0[dB]			
	Dry/Wet Balance Stage	+ +	1 - 127 3 - 6	D63>W ~ D=W ~ D <w63 3,4,5,6</w63 	64 6	D=W 6	table#15		
10	2 -		0	-	0	-			
1.	LFO phase difference	+ +	4 - 124 0	-180 ~ +180 [deg]	64	+0[deg]			
1:	5 -		0	-	0	-			
			0	I <sup>r</sup>	0	_			
DYNA FIL No.	Parameter Name	Option		Data Range	Defa	ult Data	See Table	Control	Notes
-	l Filter Type	V I	0 - 5	Display LPF(12dB), LPF(18dB), LPF(24dB), HPF, BPF, BEF	1	Display LPF(18[dB])			
	Sensitivity	+ +	0 - 127	0 ~ 127	110	110			
	B Dyna Level Offset 4 Resonance	+ +	0 - 127 0 - 127	0 ~ 127 -16 ~ +111	0 66	0 +50			
	Attack Time	+ +	0 - 127	0.3 ~ 227 [ms]	19	30[ms]	table#20		
	Release Time Release Curve	+ +	0 - 127 0 - 127	2.6 ~ 2171 [ms] 0 ~ 127	40 110	121.6[ms] 110	table#21		
	Direction	+ +	0 - 1	Up,Down 0 ~ 127	0	Up 0			
10	Dyna Threshold Level Dry/Wet Balance	+ +	0 - 127 1 - 127	D63>W ~ D=W ~ D <w63< td=""><td>96</td><td>D<w32< td=""><td>table#15</td><td></td><td></td></w32<></td></w63<>	96	D <w32< td=""><td>table#15</td><td></td><td></td></w32<>	table#15		
11			0	-	0	-			
13	EQ Low Frequency	+ +	4 - 40	32 ~ 2.0k [Hz]	28	500[Hz]	table#3		
	EQ Low Gain EQ High Frequency	+ +	52 - 76 28 - 58	-12 ~ +12 [dB] 500 ~ 16.0k [Hz]	64 46	+0[dB] 4.0[kHz]	table#3		
	EQ High Gain	+ +	52 - 76	-12 ~ +12 [dB]	64	+0[dB]			
DYNA FLA		1 0 : 1		Data Bar	_				
No.	Parameter Name	Option V I		Data Range Display		ault Data Display	See Table	Control	Notes
	Sensitivity Delay Time Offset	+ +	0 - 127 0 - 127	0 ~ 127 0 ~ 127	122	122			
	Feedback Level	+ +	1 - 127	-63 ~ +63	6	-58			
	Attack Time Release Time	+ +	0 - 127 0 - 127	0.3 ~ 227 [ms] 2.6 ~ 2171 [ms]	63 65	110.0[ms] 390.8[ms]	table#20 table#21		
	Release Curve	+ +	0 - 127	0 ~ 127	100	100			
	7 Direction 3 Dyna Threshold Level	+ +	0 - 1 0 - 127	Up,Down 0 ~ 127	0	Up 0			
- 1 - 9	Dyna Level Offset	+ +	0 - 127	0 ~ 127	0	0	. 11 //15		
1	Dry/Wet Balance	+ +	1 - 127 0	D63>W ~ D=W ~ D <w63< td=""><td>96 0</td><td>D<w32< td=""><td>table#15</td><td></td><td></td></w32<></td></w63<>	96 0	D <w32< td=""><td>table#15</td><td></td><td></td></w32<>	table#15		
11	2 - 3 EQ Low Frequency		0 4 - 40	- 32 ~ 2.0k [Hz]	0 28	500[Hz]	table#3		
1-	EQ Low Gain	+ +	52 - 76	-12 ~ +12 [dB]	64	+0[dB]			
1:	EQ High Frequency EQ High Gain	+ +	28 - 58 52 - 76	500 ~ 16.0k [Hz] -12 ~ +12 [dB]	46 64	4.0[kHz] +0[dB]	table#3		
DYNA PH.	ASER			·		+0[uB]			
DYNA PH.	ASER Parameter Name	Option		Data Range	Defa	ault Data	See Table	Control	Notes
No.	Parameter Name	Option V I + +	0 - 127	Data Range Display 0 ~ 127	98	ult Data Display 98	See Table	Control	Notes
No.	Parameter Name	Option   V   I   + + + + + + + + + + + + + + + + +	0 - 127	Data Range    Display   0 ~ 127   0 ~ 127		ault Data Display	See Table	Control	Notes
No.	Parameter Name  Sensitivity Dyna Level Offset Feedback Level Attack Time	Option   V   I   + + + + + + + + + + + + + + + + +	0 - 127 1 - 127 0 - 127	Data Range    0 ~ 127   0 ~ 127   -63 ~ +63   0.3 ~ 227 [ms]	98 0 113 30	98 0 +49 50.0[ms]	table#20	Control	Notes
No.	Parameter Name  Sensitivity Dyna Level Offset Feedback Level	Option   V   I   + + + + + + + + + + + + + + + + +	0 - 127 1 - 127	Data Range  Display  0 ~ 127  0 ~ 127  -63 ~ +63	98 0 113	Display 98 0 +49		Control	Notes
No.	Parameter Name  Sensitivity Dyna Level Offset Feedback Level Attack Time Release Time Release Curve Direction	Option V I	0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 1	Data Range  Display  0 - 127  0 - 127  -63 - 63 - 63  0.3 - 227 [ms]  2.6 - 2171 [ms]  0 - 127  UpDown	98 0 113 30 52 25 0	ault Data  Display  98  0 +49  50.0[ms]  173.7[ms]  25  Up	table#20	Control	Notes
No.	Parameter Name  Sensitivity Dyna Level Offset Feedback Level Attack Time Release Time Release Curve Direction Dyna Threshold Level	Option   V   I   + + + + + + + + + + + + + + + + +	0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 1 0 - 1 0 - 127 0	Data Range  0 - 127 0 - 127 63 - 63 - 63 0.3 - 227 [ms] 2.6 - 2171 [ms] 0 - 127 UpDown 0 - 127	98 0 113 30 52 25 0 0	98 0 +49 50.0[ms] 173.7[ms] 25 Up 0	table#20 table#21	Control	Notes
No.	Parameter Name  Sensitivity Dyna Level Offset Feedback Level Attack Time Release Time Stelease Curve Direction Dyna Threshold Level Dyna Threshold Level	Option   V   I   + + + + + + + + + + + + + + + + +	0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 1 0 - 1 0 - 127 0 1 - 127	Data Range  0 ~ 127 0 ~ 127 0 ~ 127 -63 ~ +63 0.3 ~ 227 [ms] 2.6 ~ 2171 [ms] 0 ~ 127 Up.Down 0 ~ 127 - D63>W ~ D=W ~ D <w63< td=""><td>98 0 113 30 52 25 0 0 0 32</td><td>ault Data  Display  98  0 +49  50.0[ms]  173.7[ms]  25  Up  0  -  D32&gt;W</td><td>table#20</td><td>Control</td><td>Notes</td></w63<>	98 0 113 30 52 25 0 0 0 32	ault Data  Display  98  0 +49  50.0[ms]  173.7[ms]  25  Up  0  -  D32>W	table#20	Control	Notes
No.	Parameter Name  Sensitivity Dyna Level Offset Feedback Level Attack Time Release Time Release Curve Direction Dyna Threshold Level	Option   V I     + + + + + + + + + + + + + + + + +	0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 1 0 - 127 0 1 - 127 4 - 6 0	Data Range    Display	98 0 113 30 52 25 0 0 0 32 6	ault Data  Display  98  0  +49  50.0[ms]  173.7[ms]  25  Up  0  -  D32>W  6	table#20 table#21 table#15	Control	Notes
No.	Parameter Name  Sensitivity Dyna Level Offset Feedback Level Attack Time Release Time Release Curve Direction Dyna Threshold Level Dry/Wet Balance Stage	Option   V   I   + + + + + + + + + + + + + + + + +	0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 1 - 127 4 - 6 0 4 - 40	Data Range  0 ~ 127 0 ~ 127 0 ~ 127 -63 ~ +63 0.3 ~ 227 [ms] 2.6 ~ 2171 [ms] 0 ~ 127 Up.Down 0 ~ 127 - D63>W ~ D=W ~ D <w63< td=""><td>98 0 113 30 52 25 0 0 0 32 6 0 28</td><td>ault Data  Display  98  0 +49 50.0[ms] 173.7[ms] 25 Up 0 - D32&gt;W 6 - 500[Hz]</td><td>table#20 table#21</td><td>Control</td><td>Notes</td></w63<>	98 0 113 30 52 25 0 0 0 32 6 0 28	ault Data  Display  98  0 +49 50.0[ms] 173.7[ms] 25 Up 0 - D32>W 6 - 500[Hz]	table#20 table#21	Control	Notes
No.	Parameter Name  Sensitivity Dyna Level Offset Feedback Level Attack Time Release Time Release Curve Direction Dyna Threshold Level	Option   V   1   + + + + + + + + + + + + + + + + +	0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 4 - 6 0 4 - 40 52 - 76 28 - 58	Data Range  0 - 127 0 - 127 -63 - +63 0.3 - 227 [ms] 2.6 - 2171 [ms] 0 - 127 Up,Down 0 - 127 - D63>W - D=W - D <w63 4.5.6<="" td=""><td>98 0 113 30 52 25 0 0 32 6 0 28 64 46</td><td>ault Data  Display  98  0  +49  50.0[ms]  173.7[ms]  25  Up  0  -  D32&gt;W  6  500[Hz] +0[dB]</td><td>table#20 table#21 table#15</td><td>Control</td><td>Notes</td></w63>	98 0 113 30 52 25 0 0 32 6 0 28 64 46	ault Data  Display  98  0  +49  50.0[ms]  173.7[ms]  25  Up  0  -  D32>W  6  500[Hz] +0[dB]	table#20 table#21 table#15	Control	Notes
No.	Parameter Name  Sensitivity Dyna Level Offset Feedback Level Attack Time Release Time Release Time Dyna Threshold Level Lory-Wet Balance Stage Love Gain EQ Low Gain EQ High Frequency EQ High Gain	Option   V   I   + + + + + + + + + + + + + + + + +	0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 1 - 127 4 - 6 0 4 - 40 52 - 76	Data Range    Display	98 0 113 30 52 25 0 0 0 32 6 0 28	ault Data  Display  98  0 +49  50.0[ms]  173.7[ms]  25  Up  0  -  D32>W  6  -  500[Hz] +0[dB]	table#20 table#21 table#15 table#3	Control	Notes
No.	Parameter Name  Sensitivity Dyna Level Offset Feedback Level Attack Time Release Time Release Curve Direction Dyna Threshold Level	V I + + + + + + + + + + + + + + + + + + +	0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 4 - 6 0 4 - 40 52 - 76 28 - 58	Data Range  0 - 127 0 - 127 -63 - 463 0.3 - 227 [ms] 2.6 - 2171 [ms] 0 - 127  Up,Down 0 - 127  D63-W - D=W - D <w63 +12="" -="" -12="" 160k="" 2.0k="" 32="" 4,5.6="" 500="" [db]="" [hz]="" data="" range<="" td=""><td>98 0 113 30 52 25 0 0 32 6 0 28 64 46 64</td><td>ault Data  Display 98 98 0 +49 50.0[ms] 173.7[ms] 25 Up 0 - D32&gt;W 6</td><td>table#20 table#21 table#15 table#3</td><td>Control</td><td>Notes  Notes</td></w63>	98 0 113 30 52 25 0 0 32 6 0 28 64 46 64	ault Data  Display 98 98 0 +49 50.0[ms] 173.7[ms] 25 Up 0 - D32>W 6	table#20 table#21 table#15 table#3	Control	Notes  Notes
No.	Parameter Name  Sensitivity Dyna Level Offset Feedback Level Adtack Time Release Ti	V I + + + + + + + + + + + + + + + + + + +	0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 4 - 6 0 4 - 40 52 - 76 28 - 58	Data Range  0 - 127 0 - 127 -63 - 463 0.3 - 227 [ms] 2.6 - 2171 [ms] 0 - 127  Up,Down 0 - 127  D63-W - D=W - D <w63 +12="" -="" -12="" 160k="" 2.0k="" 32="" 4,5.6="" 500="" [db]="" [hz]="" data="" display<="" range="" td=""><td>98 0 113 30 52 25 0 0 32 6 0 28 64 46 64</td><td>sult Data  Display 98 0 +49 50.0[ms] 173.7[ms] 25 Up 0 - D32&gt;W 6 - 500[Hz] +0[dB] 4.0[kHz]</td><td>table#20 table#21 table#15 table#3 table#3</td><td></td><td></td></w63>	98 0 113 30 52 25 0 0 32 6 0 28 64 46 64	sult Data  Display 98 0 +49 50.0[ms] 173.7[ms] 25 Up 0 - D32>W 6 - 500[Hz] +0[dB] 4.0[kHz]	table#20 table#21 table#15 table#3 table#3		
No.	Parameter Name  Sensitivity Dyna Level Offset Feedback Level Attack Time Release Time Release Curve Direction Dyna Threshold Level	V I + + + + + + + + + + + + + + + + + + +	0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 4 - 6 0 4 - 40 52 - 76 28 - 58 52 - 76	Data Range    Display	98 0 113 30 52 25 0 0 0 32 6 0 28 64 46 64	Display   Para   Display   Para   P	table#20 table#21 table#15 table#3 table#3		
No.   No.	Parameter Name  Sensitivity Dyna Level Offset Feedback Level Attack Time Release Time Release Curve Direction Dyna Threshold Level	V I + + + + + + + + + + + + + + + + + + +	0 - 127 1 - 127 0 - 127 4 - 6 0 - 4 - 40 52 - 76 28 - 58 52 - 76	Data Range    Display	98 0 113 30 52 25 0 0 0 32 6 0 28 64 46 64	ault Data  Display 98 0 +49 50.0[ms] 173.7[ms] 25 Up 0 - 5032>W 6 - 500[Hz] +0[dB] 4.0[kHz] 70 Thru Thru 18[ms]	table#20 table#21 table#21 table#3 table#3 table#3 table#3		
No.	Parameter Name  Sensitivity Dyna Level Offset Feedback Level Attack Time Release Time Release Time Dyna Threshold Level DryWet Balance Stage Level EQ Low Frequency EQ Low Gain EQ High Frequency EQ High Gain G MODULATOR  Sensitivity HPF Cutoff Frequency LPF Cutoff Frequency LLPF Cutoff Frequency Attack Time Release Time	V I + + + + + + + + + + + + + + + + + + +	0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 4 - 6 0 52 - 76 28 - 58 52 - 76 0 - 127 0 - 127	Data Range    Display	98 0 113 30 52 25 0 0 32 6 0 28 64 46 64 Defi	ault Data  Display  98  0  +49  50.0[ms]  173.7[ms]  173.7[ms]  0  -  D32>W  6  -  500[Hz]  +0[dB]  4.0[kHz]  +0[dB]  ault Data  Display  70  Thru  18[ms]  238.8[ms]	table#20 table#21 table#15 table#3 table#3 Lable#3		
No.	Parameter Name  Sensitivity Dyna Level Offset Feedback Level Attack Time Release Time Release Time Dyna Threshold Level  Joy Wet Balance Stage Le Le Low Frequency EQ Low Gain EQ High Frequency EQ High Gain  G MODULATOR  Parameter Name  Sensitivity HPF Cutoff Frequency LPF Cutoff Frequency LLPF Cutoff Frequency Attack Time Release Time Release Curve Diversion	V I + + + + + + + + + + + + + + + + + + +	0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 4 - 6 0 - 127 28 - 58 52 - 76 0 - 127 0 - 52 34 - 60 0 - 127 0 - 127	Data Range    Display	98 0 113 30 52 25 0 0 0 32 6 0 28 64 46 64 70 0 0 0 12 58 70	Display 98 0 49 50.0[ms] 173.7[ms] 173.7[ms] 173.7s Up 0 - D32>W 6 500[Hz] +0[dB] 4.0[kHz] +0[dB] 238.8[ms] 70 Thru 18[ms] 70 Up	table#20 table#21 table#21 table#3 table#3 table#3 table#3		
No.  10 11 11 11 11 11 11 11 11 11 11 11 11	Parameter Name  Sensitivity Dyna Level Offset Feedback Level Attack Time Release Time Release Time Robert Stage	V I + + + + + + + + + + + + + + + + + + +	0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 4 - 6 0 4 - 40 52 - 76 28 - 58 52 - 76 0 - 127 0 - 52 34 - 60 0 - 127 0 - 127	Data Range	98 0 113 30 52 25 0 0 0 32 6 0 28 64 46 64 70 0 60 12 58 70 0	Display   98	table#20 table#21 table#21 table#3 table#3 table#3 table#3		
No.	Parameter Name  Sensitivity Dyna Level Offset Feedback Level Attack Time Release Time Release Curve Dyna Treshold Level  Dyn Mere Balance Stage Level Mere Balance Stage Level Mere Balance Feed High Frequency EQ Low Gain EQ High Gain  G MODULATOR  Parameter Name  Sensitivity HPF Cutoff Frequency LPF Cut	V I + + + + + + + + + + + + + + + + + + +	0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 4 - 6 0 4 - 40 52 - 76 28 - 58 52 - 76 0 - 127 0 - 52 34 - 60 0 - 127 0 - 127 1 - 127	Data Range    Display	98 0 113 30 52 25 0 0 0 32 26 6 0 28 64 46 64 Defs 70 0 60 12 58 70 0 0 10 64 64	Display 98 0 49 50.0[ms] 173.7[ms] 173.7[ms] 173.7s Up 0 - D32>W 6 500[Hz] +0[dB] 4.0[kHz] +0[dB] 238.8[ms] 70 Thru 18[ms] 70 Up	table#20 table#21 table#21 table#3 table#3 table#3 table#3		
No.   11   1   1   1   1   1   1   1   1	Parameter Name  Sensitivity Dyna Level Offset Feedback Level Attack Time Release Time Release Curve Direction Dyna Treshold Level  Dyn Wet Balance Stage  EQ Low Frequency EQ Low Gain EQ High Frequency EQ High Gain  G MODULATOR  Parameter Name  Sensitivity HTP Cutoff Frequency LPF Cutoff Frequency LPF Cutoff Frequency Attack Time Release Time Release Time Release Curve Direction Dyna Threshold Level Dyna Level Offset Dyny Wet Balance	V I + + + + + + + + + + + + + + + + + + +	0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 4 - 6 0 - 127 4 - 6 0 - 28 - 58 52 - 76 0 - 127 0 -	Data Range	98 98 13 30 52 50 50 50 50 50 50 50 50 50 50 50 50 50	Display   98	table#20 table#15 table#3 table#3  See Table table#3 table#3 table#3 table#20 table#21 table#15		
No.  11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Parameter Name  Sensitivity Dyna Level Offset Feedback Level Attack Time Release Curve Direction Dyna Threshold Level	V I + + + + + + + + + + + + + + + + + + +	0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 4 - 6 0 4 - 46 0 52 - 76 28 - 58 52 - 76 0 - 127 0 - 127	Data Range	98 98 98 98 98 98 98 98 98 98 98 98 98 9	ault Data  Display 98 0 +49 50.0[ms] 25 Up 0 - D32-W 6 500[Hz] +0[dB] 4.0[kHz] +0[dB] 3ault Data Display 70 Thru Thru 18[ms] 238.8[ms] 70 Up 0 10 D=W - 500[Hz]	table#20 table#21 table#15 table#3 table#3 Lable#3 Lable#3 table#3 table#3 table#20 table#21		
No.  11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Parameter Name  Sensitivity Dyna Level Offset Freedback Level Attack Time Release Curve Direction Dyna Threshold Level	V I + + + + + + + + + + + + + + + + + + +	0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 4 - 6 0 4 - 40 52 - 76 28 - 58 52 - 76 0 - 127 0 - 128 0 -	Data Range	98 98 98 98 98 98 98 98 98 98 98 98 98 9	ault Data  Display 98 0 +49 50.0[ms] 25 Up 0 - D32>W 6 6 - 500[Hz] +0[dB] 4.0[kHz] 70 Thru Thru 18[ms] 238.8[ms] 70 Up 0 - 500[Hz] +0[dB] 4.0[kHz] - 500[Hz] - 500[Hz] - 500[Hz] - 500[Hz] - 6 - 500[Hz] - 6 - 70 - 70 - 70 - 70 - 70 - 70 - 70	table#20 table#15 table#3 table#3  See Table table#3 table#3 table#3 table#20 table#21 table#15		
No.  11 11 11 11 11 11 11 11 11 11 11 11 1	Parameter Name  Sensitivity Dyna Level Offset Feedback Level Attack Time Release Curve Direction Dyna Threshold Level	V I + + + + + + + + + + + + + + + + + + +	0 - 127 1 - 127 0 - 127 4 - 6 0 - 0 52 - 76 28 - 58 52 - 76 0 - 127 0 - 127	Data Range	98 0 0 1113 30 52 25 0 0 0 32 6 6 4 46 64 46 64 Defri 70 0 0 12 58 70 0 0 0 28 8 64 64 64 0 0 0 64 66 64 0 0 0 64 66 64 0 0 0 68 66 64 66 64 0 0 0 68 66 64 66 66 66 66 66 66 66 66 66 66 66	Display   Solid   Display   Solid   Display   Solid   Display   Solid   Display   Solid   Display   Display   Display   Display   Thru   Thru   Thru   Thru   Thru   Thru   Thru   Thru   Thru   Display   D	table#20 table#15 table#3 table#3  See Table table#3 table#3 table#3 table#3 table#20 table#21 table#15		
No.  11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Parameter Name  Sensitivity Dyna Level Offset Feedback Level Attack Time Release Curve Direction Dyna Threshold Level	V I	0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 4 - 6 0 4 - 40 52 - 76 28 - 58 52 - 76 0 - 127 0 - 128 0 -	Data Range	98 0 0 113 32 52 5 0 0 0 32 6 64 46 64 1 0 0 0 0 0 28 8 64 46 64 46 64 46 64 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ault Data  Display 98 0 +49 50.0[ms] 173.7[ms] 25 Up 0 - 500[Hz] +0[dB] 4.0[kHz] 70 Thru 18[ms] 238.8[ms] 70 Up 0 1 - 500[Hz] 4.0[kHz]	table#20 table#15 table#3 table#3  See Table table#3 table#3 table#3 table#3 table#20 table#21 table#15		
No.    10   1   1   1   1   1   1   1   1   1	Parameter Name  Sensitivity Dyna Level Offset Feedback Level Attack Time Release Time Release Time Dyna Threshold Level Drivetton Dyna Threshold Level Drywet Balance Stage Level Common Dyna Threshold Level Drywet Balance Stage Level Common Dyna Threshold Level EQ Low Gain EQ High Frequency EQ High Gain  G MODULATOR Parameter Name  Sensitivity HPF Cutoff Frequency LPF Cutoff Frequency LPF Cutoff Frequency LPF Cutoff Frequency Attack Time Release Time Release Curve Direction Dyna Threshold Level Dyna Level Offset Dyna Threshold Level Dyna Level Offset Dyny Wet Baliance Level Cutoff Frequency EQ Low Gain EQ High Frequency EQ Low Gain EQ High Frequency EQ High Gain  DULATOR	V I	0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 4 - 6 0 - 127 0 - 52 34 - 60 0 - 127 0 - 127	Data Range	98 0 0 113 32 52 5 0 0 0 32 6 64 46 64 1 0 0 0 0 0 28 8 64 46 64 46 64 46 64 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display   98	table#20 table#21 table#3 table#3 table#3 table#3 table#3 table#3 table#3 table#20 table#21 table#21 table#3	Control	Notes
No.    10   1   1   1   1   1   1   1   1   1	Parameter Name  Sensitivity Dyna Level Offset Feedback Level Attack Time Release Curve Direction Dyna Threshold Level	V I	0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 4 - 6 0 4 - 40 52 - 76 28 - 58 52 - 76 0 - 127 0 - 127	Data Range    Display	98 0 113 30 52 25 0 0 0 32 26 64 46 64 46 46 46 46 46 46 46 46 46 46	ault Data  Display 98 0 +49 50.0[ms] 173.7[ms] 25 Up 0 - D32>W 6 6 6 500[Hz] +0[dB] 4.0[kHz] +0[dB] 3ault Data Display 70 Thru Thru 18[ms] 70 Up 0 0 10 D=W - 500[Hz] +0[dB] 4.0[kHz] - 10[dB] 4.0[kHz] 0 10 D=W - 10 Display 10 Display 10 Display 10 Display	table#20 table#21 table#3 table#3 table#3 table#3 table#3 table#3 table#20 table#21 table#3 table#3 table#3	Control	Notes
No.    11	Parameter Name  Sensitivity Dyna Level Offset Feedback Level Attack Time Release Curve Direction Dyna Threshold Level	V I	0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 4 - 6 0 4 - 40 52 - 76 28 - 58 52 - 76 0 - 127 0 -	Data Range    Display	98 0 113 30 552 25 0 0 0 25 26 6 64 46 64 46 46 46 46 46 46 46 46 46	ault Data  Display 98 0 +49 50.0[ms] 173.7[ms] 225 Up 0 - D32>W 6 6 500[Hz] +0[dB] 4.0[kHz] +0[dB] 238.8[ms] 70 Thru 18[ms] 238.8[ms] 70 Up 0 10 D=W - 500[Hz] +0[dB] 4.0[kHz] +0[dB] 1.0[kHz] - 1.0[kHz] 0 Tri 0	table#20 table#21 table#15 table#3 table#3 table#3 table#3 table#3 table#3 table#3 table#20 table#21 table#3 table#21	Control	Notes
No.  10 11 11 11 11 11 11 11 11 11 11 11 11	Sensitivity Dyna Level Offset Feedback Level Attack Time Release Curve Direction Dyna Threshold Level Attack Time Release Curve Direction Dyna Threshold Level Dyna West Balance Stage Level Common Co	V I	0 - 127 1 - 127 0 - 127 4 - 6 0 - 127 0 - 52 34 - 60 0 - 127 0 - 12	Data Range	98 0 0 113 30 52 25 0 0 0 28 64 46 64 0 0 0 28 64 446 64 0 Defri	Display   98	table#20 table#15 table#3 table#3  See Table table#3 table#3 table#3 table#3 table#3 table#21 table#21 table#21 table#3 table#3 table#3 table#3	Control	Notes
No.    10   1   1   1   1   1   1   1   1   1	Parameter Name  Sensitivity Dyna Level Offset Feedback Level Attack Time Release Curve Direction Dyna Threshold Level	V I	0 - 127 1 - 127 0 - 127 4 - 6 0 - 127 0 - 52 34 - 60 0 - 127 0 - 12	Data Range    Display	98 0 0 113 32 52 5 0 0 0 32 6 64 466 64    Defri	ault Data  Display 98 0 +49 50.0[ms] 173.7[ms] 225 Up 0 - D32>W 6 6 500[Hz] +0[dB] 4.0[kHz] +0[dB] 238.8[ms] 70 Thru 18[ms] 238.8[ms] 70 Up 0 10 D=W - 500[Hz] +0[dB] 4.0[kHz] +0[dB] 1.0[kHz] - 1.0[kHz] 0 Tri 0	table#20 table#21 table#15 table#3 table#3 table#3 table#3 table#3 table#3 table#3 table#20 table#21 table#3 table#21	Control	Notes
No.    10   1   1   1   1   1   1   1   1   1	Parameter Name  Sensitivity Dyna Level Offset Feedhack Level Adtack Time Release Curve Direction Dyna Threshold Level Dyna Level Offset Carrier Frequency EQ Low Gain EQ High Gain  DULATOR  Parameter Name  Carrier Freq Course Carrier Freq Fine LFO Wave LLFO Depth LLFO Freq LIFP Cuff Frequency LLFO Time LLFO Depth LLFO Freq LIFP Cuff Frequency LIFO Freq LIFP Cuff Frequency	V I	0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 4 - 6 0 4 - 40 52 - 76 28 - 58 52 - 76 0 - 127 0 -	Data Range    Display	98 0 113 30 552 25 0 0 0 28 64 46 64 46 64 46 64 46 64 46 64 46 66 6	ault Data  Display  98  0  +49  50.0[ms]  25  Up  0  -  D32>W  6  500[Hz]  +0[dB]  4.0[kHz]  70  Thru  Thru  18[ms]  238.8[ms]  70  Up  0  -  500[Hz]  -  10[Hz]  -  10[Hz]  -  10[Hz]  -  10[Hz]  -  10  -	table#20 table#21 table#15 table#3	Control	Notes
No.  11 11 11 11 11 11 11 11 11 11 11 11 1	Sensitivity  Dyna Level Offset Feedback Level Attack Time Release Curve Direction Dyna Threshold Level  Level Attack Time Dyna Threshold Level  DryWet Balance Stage  Level EQ Low Gain EQ High Fequency EQ High Gain  G MODULATOR  Parameter Name  Sensitivity HPF Cutoff Frequency LPF Cutoff Frequency LPF Cutoff Frequency LPF Cutoff Sequency Dyna Threshold Level Dyna Level Offset DryWet Balance  LPG Wasia EQ High Gain  DLATOR  Parameter Name  Carrier Freq Course Carrier Freq Course Carrier Freq Fine LPG Wave LPF Cutoff Frequency LPF Cutoff Freq	V I	0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 4 - 6 0 4 - 40 52 - 76 28 - 58 52 - 76 0 - 127 0 -	Data Range    Display	98 0 113 30 52 25 0 0 0 28 64 46 64 10 0 0 0 0 0 0 0 0 0 127 127 127	ault Data  Display  98  0  +49  50.0[ms]  25  Up  0  -  D32>W  6  500[Hz]  +0[dB]  4.0[kHz]  70  Thru  Thru  18[ms]  238.8[ms]  70  Up  0  -  500[Hz]  -  10[Hz]  -  10[Hz]  -  10[Hz]  -  10[Hz]  -  10  -	table#20 table#21 table#15 table#3	Control	Notes
No.   11   1   1   1   1   1   1   1   1	Sensitivity Dyna Level Offset Feedback Level Attack Time Release Curve Direction Dyna Threshold Level	V I	0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 4 - 6 28 - 58 52 - 76  0 - 127	Data Range	98 0 0 113 32 52 5 0 0 0 32 6 64 46 64 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display   98	table#20 table#15 table#3 table#3 table#3 table#3 table#3 table#3 table#3 table#3 table#3 table#21 table#15 table#3 table#3	Control	Notes
No.  11 11 11 11 11 11 11 11 11 11 11 11 1	Sensitivity Dyna Level Offset Feedback Level Attack Time Release Curve Direction Dyna Threshold Level	V I	0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 4 - 6 0 4 - 40 52 - 76 28 - 58 52 - 76  0 - 127 0 - 12	Data Range	98 0 0 113 30 52 25 0 0 0 32 26 64 46 64 46 46 470 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 28 8 64 64 64 0 0 0 0 0 0 0 0 0 0 28 28 64 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 28 28 64 0 0 0 0 0 0 0 0 0 0 0 0 0 28 28 64 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display   98	table#20 table#15 table#3 table#3 table#3 table#3 table#3 table#3 table#3 table#3 table#3 table#21 table#15 table#3 table#3	Control	Notes
No.    10   1   1   1   1   1   1   1   1   1	Sensitivity  Sensitivity  Sensitivity  Day Level Offset Feedback Level Attack Time Release Curve Direction Dyna Threshold Level  DryWet Balance Stage  Leg Low Frequency EQ High Gain  G MODULATOR  Parameter Name  Sensitivity HPF Cutoff Frequency LPF Cutoff Frequency LPF Cutoff Frequency Dyna Threshold Level Dyna Level Offset DryWet Balance  Sensitivity HPF Cutoff Frequency LPF Cutoff Frequency Direction Dyna Threshold Level Dyna Level Offset DryWet Balance  EQ Low Gain EQ High Frequency EQ High Frequency EQ High Frequency EQ High Gain  DULATOR  Parameter Name  Carrier Freq Fine LFO Weve LFO Depth LFO Freq HPF Cutoff Frequency LPF Cu	V I	0 - 127 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 4 - 6 0 4 - 40 52 - 76 28 - 58 52 - 76 0 - 127 0 -	Data Range	98 0 0 113 30 552 55 0 0 0 0 28 64 466 64    Defi 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	ault Data  Display 98 0 +49 50.0[ms] 173.7[ms] 25 Up 0 - D32>W 6 - 500[Hz] +0[dB] 4.0[kHz] +0[dB] 238.8[ms] 70 Thru 18[ms] 238.8[ms] 70 0 0 - 10 D=W - 500[Hz] +0[dB] 4.0[kHz] - 500[Hz] +0[dB] - 500[Hz] - 10 D=W	table#20 table#21 table#15 table#3	Control	Notes

SLICE No.	Parameter Name	Option		Data Range	Defa	ult Data	See Table	Control	Notes
	1 Divide Type	V I	5 - 11	Display  16th ~ 4th	5	Display 16th	table#14		
1	2 Gate Time 3 Pan Aeg Type	+ +	0 - 100 0 - 4	0 ~ 100 [%] A ~ E	30 2	30[%] C			
4	4 Pan Aeg Min Level	+ +	0 - 127	0 ~ 127	127	127			
	5 Pan Depth 6 Divide Min Level	+ + +	1 - 127 0 - 127	-63 ~ +63 0 ~ 127	64 1	0			
	7 Pan Type 8 Drive	+ +	0 - 9 0 - 127	A ~ J 0 ~ 127	0	A 0			
9	9 AEG Phase	+ +	0 - 15	0~15(×16分音符)	0	0			
11	0 Dry/Wet Balance 1 -	+   +	1 - 127 0	D63>W ~ D=W ~ D <w63< td=""><td>127 0</td><td>D<w63< td=""><td>table#15</td><td></td><td></td></w63<></td></w63<>	127 0	D <w63< td=""><td>table#15</td><td></td><td></td></w63<>	table#15		
12	2 - 3 EQ Low Frequency	+ +	0 4 - 40	- 32 ~ 2.0k [Hz]	0 28	500[Hz]	table#3		
14	4 EQ Low Gain 5 EQ High Frequency	+ +	52 - 76 28 - 58	-12 ~ +12 [dB] 500 ~ 16.0k [Hz]	64 46	+0[dB] 4.0[kHz]	table#3		
	6 EQ High Gain	+ +	52 - 76	-10.0k [HZ] -12 ~ +12 [dB]	64	+0[dB]	table#3		
ISOLATOR									
No.	Parameter Name	Option V I		Data Range Display	Defa	ult Data Display	See Table	Control	Notes
	1 On/off SW 2 Low Level	+ +	0 - 1 0 - 127	Off,On 0 ~ 127	1 64	On 64			
3	3 Mid Level 4 High Level	+ +	0 - 127 0 - 127	0 ~ 127 0 ~ 127	64 64	64 64			
	5 Low Mute	+ +	0 - 1	Off,On	0	Off			
	6 Mid Mute 7 High Mute	+ + +	0 - 1 0 - 1	Off,On Off,On	0	On Off			
	8 - 9 -		0	-	0	-			
10	0 -		0	-	0	-			
12	2 -		0	-	0	-			
13			0	-	0	-			
15			0	-	0	-			
LOW RESO	-1			·					
No.	Parameter Name	Option V I		Data Range Display	Defa	ult Data Display	See Table	Control	Notes
	l Mod Depth	+ +	0 - 127	0 ~ 127	3	3			
1	2 Mod Delay Offset 3 Mod Feedback	+ + +	1 - 127 1 - 127	1 ~ 127 -63 ~ +63	1 66	1 +2			
	4 Resolution 5 Mod Mix Balance	+ +	0 - 7 0 - 127	1,1/2 ~ 1/128 0 ~ 127	0 64	1 64			
	6 Phase Inverse R	+ +	0 - 2	Off,Wet,Wet+Dry	0	Off			
	8 -		0	-	0	-			
	9 - 0 Dry/Wet Balance	+ +	0 1 - 127	- D63>W ~ D=W ~ D <w63< td=""><td>0 127</td><td>D<w63< td=""><td>table#15</td><td></td><td></td></w63<></td></w63<>	0 127	D <w63< td=""><td>table#15</td><td></td><td></td></w63<>	table#15		
11	1 -		0	-	0	-			
13	3 -		0	-	0	-			
14 15	5 -		0	-	0	-			
16	•		0	-	0	-			
	TURNTABLE  Parameter Name	Option	0	Data Range		ult Data	See Table	Control	Notes
DIGITAL T	TURNTABLE	Option V I + +	0 - 5	Display 0 ~ 5		ult Data Display	See Table	Control	Notes
DIGITAL T	TURNTABLE  Parameter Name  1 Click Density 2 Click Level	Option   V   I   + + + + + + + + + + + + + + + + +	0 - 5 0 - 127	Display  0 ~ 5 0 ~ 127	Defa	Display 1 20	See Table	Control	Notes
No.	TURNTABLE  Parameter Name  1 Click Density 2 Click Level 3 Noise Tone 4 Noise Mod Speed	Option   V   I   + + + + + + + + + + + + + + + + +	0 - 5 0 - 127 0 - 6 0 - 127	Display  0 ~ 5 0 ~ 127 0 ~ 6 0.00 ~ 39.7 [Hz]	Defa  1 20 2 15	Display 1 20 2 110[Hz]	See Table	Control	Notes
No.	TURNTABLE  Parameter Name  1 Click Density 2 Click Level 3 Noise Tone 4 Noise Mod Speed 5 Noise Mod Depth 6 Dry Send to Noise	Option   V   I   + + + + + + + + + + + + + + + + +	0 - 5 0 - 127 0 - 6 0 - 127 0 - 127 0 - 127	Display  0 - 5 0 - 127 0 - 6 0.00 - 39.7 [Hz] 0 - 127 0 - 127	Defa  1 20 2 15 72 4	Display  1 20 2 110[Hz] 72 4	table#1	Control	Notes
DIGITAL 1 No.	TURNTABLE  Parameter Name  I Click Density 2 Click Level 3 Noise Tone 4 Noise Mod Speed 5 Noise Mod Depth	Option   V   I   + + + + + + + + + + + + + + + + +	0 - 5 0 - 127 0 - 6 0 - 127 0 - 127	Display  0 ~ 5 0 ~ 127 0 ~ 6 0.00 ~ 39.7 [Hz] 0 ~ 127	Defa  1 20 2 15 72	Display 1 20 2 110[Hz] 72		Control	Notes
DIGITAL T	TURNTABLE  Parameter Name  I Click Density 2 Click Level 3 Noise Tone 4 Noise Mod Speed 5 Noise Mod Depth 6 Dry Send to Noise 7 Noise LPF Q 9 Noise LPF Q 9 Noise LPF Q	Option   V   I   + + + + + + + + + + + + + + + + +	0 - 5 0 - 127 0 - 6 0 - 127 0 - 127 0 - 127 34 - 60 10 - 120 0 - 127	Display  0 ~ 5 0 ~ 127 0 ~ 6 0.00 ~ 39.7 [Hz] 0 ~ 127 0 ~ 127 1.0(kHz] ~ Thru	Defa  1 20 2 15 72 4 52 15 20	Display  1 20 2 110[Hz] 72 4 8.0[kHz]	table#1	Control	Notes
DIGITAL T	TURNTABLE  Parameter Name  I Click Density 2 Click Level 3 Noise Tome 4 Noise Mod Speed 5 Noise Mod Depth 6 Dry Send to Noise 7 Noise LPF Eq 8 Noise LPF Q 9 Noise Level 0 - 1 Dry Level	Option   V I   + + + + + + + + + + + + + + + + + +	0 - 5 0 - 127 0 - 6 0 - 127 0 - 127 0 - 127 34 - 60 10 - 120 0 - 127 127 0 - 127	Display  0 - 5 0 - 127 0 - 6 0.00 - 39.7 [Hz] 0 - 127 0 - 127 1.0[kHz] - Thru 1.0 - 12.0 0 - 127 - 127 - 107 - 127 - 107	Defa  1 20 2 15 72 4 52 15 20 127 127	Display  1 20 2 110[Hz] 72 4 8.0[kHz] 1.5 20 - 127	table#1 table#3	Control	Notes
DIGITAL T No.	TURNTABLE  Parameter Name  I Click Density 2 Click Level 3 Noise Tone 4 Noise Mod Speed 5 Noise Mod Depth 6 Dry Send to Noise 7 Noise LPF Freq 8 Noise LPF Q 9 Noise Level 0 - 1 Dry Level 2 Dry LPF Frequency 3 -	Option   V   I   + + + + + + + + + + + + + + + + +	0 - 5 0 - 127 0 - 6 0 - 127 0 - 127 0 - 127 34 - 60 10 - 120 0 - 127 127 0 - 127 34 - 60	Display  0 - 5 0 - 127 0 - 6 0.00 - 39.7 [Hz] 0 - 127 0 - 127 1.0(kHz) - Thru 1.0 - 127 0 - 127	Defa  1 20 2 15 72 4 52 15 20 127 127 49 0	Display  1 20 2 110[Hz] 72 4 8.0[kHz] 1.5 20 - 127 5.6[kHz]	table#1	Control	Notes
DIGITAL 1 No.	TURNTABLE  Parameter Name  I Click Density 2 Click Level 3 Noise Tone 4 Noise Mod Speed 5 Noise Mod Depth 6 Dry Send to Noise 7 Noise LPF Freq 8 Noise LPF Q 9 Noise Level 0 - 1 Dry Level 2 Dry LPF Frequency 3 - 4 - 5 -	Option   V   I   + + + + + + + + + + + + + + + + +	0 - 5 0 - 127 0 - 6 0 - 127 0 - 127 0 - 127 34 - 60 10 - 120 0 - 127 127 0 - 127 34 - 60 0	Display  0 - 5 0 - 127 0 - 6 0.00 - 39.7 [Hz] 0 - 127 0 - 127 1.0[kHz] - Thru 1.0 - 12.0 0 - 127 - 127 - 107 - 127 - 107	Defa  1 20 2 15 72 4 52 15 20 127 49 0 0 0	Display  1 20 2 110[Hz] 72 4 8.0[kHz] 1.5 20 - 127	table#1 table#3	Control	Notes
DIGITAL T No.	TURNTABLE  Parameter Name  I Click Density 2 Click Level 3 Noise Tone 4 Noise Mod Speed 5 Noise Mod Depth 6 Dry Send to Noise 7 Noise LPF Freq 8 Noise LPF Q 9 Noise Level 0 - 1 Dry Level 2 Dry LPF Frequency 3 - 4 - 5 -	Option	0 - 5 0 - 127 0 - 6 0 - 127 0 - 127 0 - 127 34 - 60 10 - 120 0 - 127 127 0 - 127 34 - 60 0	Display  0 - 5 0 - 127 0 - 6 0.00 - 39.7 [Hz] 0 - 127 0 - 127 1.0[kHz] - Thru 1.0 - 12.0 0 - 127 - 127 - 107 - 127 - 107	Defa  1 20 2 15 72 4 52 15 20 127 127 49 0	Display  1 20 2 110[Hz] 72 4 8.0[kHz] 1.5 20 - 127 5.6[kHz] -	table#1 table#3	Control	Notes
DIGITAL 1 No.	TURNTABLE  Parameter Name  I Click Density 2 Click Level 3 Noise Tone 4 Noise Mod Speed 5 Noise Mod Depth 6 Dry Send to Noise 7 Noise LPF Q 9 Noise LPF Q 9 Noise Level 0 - 1 Dry Level 2 Dry LPF Frequency 3 - 4 - 5 - 6 - 5 - 6 - 5 - 6 - 5 - 6 - 5 - 6 - 5 - 6 - 5 - 6 - 5 - 6 - 5 - 6 - 5 - 6 - 5 - 6 - 5 - 6 - 5 - 6 - 5 - 6 - 5 - 5 - 6 - 5 - 6 - 5 - 5 - 6 - 5 - 5 - 6 - 5 - 5 - 6 - 5 - 5 - 6 - 5 - 5 - 6 - 5 - 5 - 6 - 5 - 5 - 6 - 5 - 5 - 6 - 5 - 5 - 6 - 5 - 5 - 5 - 6 - 5 - 5 - 5 - 6 - 5 - 5 - 5 - 6 - 5 - 5 - 5 - 6 - 5 - 5 - 5 - 6 - 5 - 5 - 5 - 6 - 5 - 5 - 5 - 6 - 5 - 5 - 5 - 6 - 5 - 5 - 5 - 6 - 5 - 5 - 5 - 5 - 6 - 5 - 5 - 5 - 5 - 5 - 5 - 6 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5	V I + + + + + + + + + + + + + + + + +	0 - 5 0 - 127 0 - 6 0 - 127 0 - 127 0 - 127 34 - 60 10 - 120 0 - 127 127 0 - 127 34 - 60 0	Display  0 - 5 0 - 127 0 - 6 0.00 - 39.7 [Hz] 0 - 127 0 - 127 1.0[kHz] - Thru 1.0 - 12.0 0 - 127 - 127 1.0[kHz] - Thru - 127 - 10[kHz] - Thru	Defa  1 20 2 15 72 4 52 12 127 127 127 49 0 0 0 0	Display  1 20 2 110[Hz] 7 4 8.0[kHz] 1.5 20 - 127 5.6[kHz]	table#1 table#3 table#3		
DIGITAL 1  No.  1  1  1  1  1  1  1  1  1  1  1  1  1	TURNTABLE  Parameter Name  I Click Density 2 Click Level 3 Noise Tome 4 Noise Mod Speed 5 Noise Mod Depth 6 Dry Send to Noise 7 Noise LPF Eq 8 Noise LPF Q 9 Noise Level 0 - 1 Dry Level 2 Dry LPF Frequency 3 4 - 5 - 6 - 5 - 6 - 5 - 5 - 6 - CRATCH  Parameter Name	Option	0-5 0-127 0-6 0-127 0-127 0-127 0-127 34-60 10-120 0-127 127 0-127 34-60 0 0	Display  0 - 5 0 - 127 0 - 6 0.00 - 39.7 [Hz] 0 - 127 0 - 127 1.0[kHz] - Thru 1.0 - 12.0 0 - 127 0 - 127 1.0[kHz] - Thru 1.0 - 12.0 0 - 127 1.0[kHz] - Thru 1.0 - 120 Data Range	Defa  1 20 2 15 72 4 52 15 20 127 127 127 127 0 0 0 0 Defa	Display  1 20 2 110[Hz] 72 4 8.0[kHz] 1.5 20 - 127 5.6[kHz] ult Data Display	table#1 table#3	Control	Notes  Notes
DIGITAL 1 No.	TURNTABLE  Parameter Name  I Click Density 2 Click Level 3 Noise Tome 4 Noise Mod Speed 5 Noise Mod Depth 6 Dry Send to Noise 7 Noise LPF Eq 8 Noise LPF Q 9 Noise Level 0 - 1 Dry Level 2 Dry LPF Frequency 3 4 - 5 - 6 - 6 -  SCRATCH  Parameter Name  I Input Level 2 Input Level 2 Initial Delay	V I + + + + + + + + + + + + + + + + + + +	0 - 5 0 - 127 0 - 6 0 - 127 0 - 127 0 - 127 34 - 60 10 - 120 0 - 127 127 34 - 60 0 0 0	Display  0 - 5 0 - 127 0 - 6 0.00 - 39.7 [Hz] 0 - 127 0 - 127 1.0[kHz] - Thru 1.0 - 12.0 0 - 127 - 1.0[kHz] - Thru 1.0 - 12.0 - 127 - 1.0[kHz] - Thru	Defa  1 20 2 15 72 4 52 15 20 127 127 49 0 0 0 0 Defa  80 1800	Display  1 20 2 110[Hz] 72 4 8.0[kHz] 1.5 20 - 127 5.6[kHz] 127 5.180.0[ms]	table#1 table#3 table#3		
DIGITAL 1 No.	TURNTABLE  Parameter Name  I Click Density 2 Click Level 3 Noise Tone 4 Noise Mod Speed 5 Noise Mod Depth 6 Dry Send to Noise 7 Noise LPF Eq 8 Noise LPF Q 9 Noise LPF Q 1 Dry LPF Frequency 3 4 - 5 5 - 6 6 -  SCRATCH  Parameter Name  I Input Level 2 Initial Delay 3 Scratch Speed 4 Scratch Speed 4 Scratch Speed	V I + + + + + + + + + + + + + + + + + + +	0 - 5 0 - 127 0 - 6 0 - 127 0 - 127 0 - 127 34 - 60 10 - 120 0 - 127 127 34 - 60 0 0 0 0	Display  0 - 5 0 - 127 0 - 6 0.00 - 39.7 [Hz] 0 - 127 0 - 127 1.0[kHz] - Thru 1.0 - 12.0 0 - 127 - 1.0[kHz] - Thru	Defa  1 20 2 15 72 4 52 15 20 127 4 52 0 0 0 0 0  Defa  80 9 9	Display  1 20 2 110[Hz] 7 4 8.0[kHz] 1.5 20 127 5.6[kHz] 127 5.9[hz] 18.0[ms] 9 90	table#1 table#3 table#3		
DIGITAL 1  So.  So.  So.  So.  So.  So.  So.  So	TURNTABLE  Parameter Name  I Click Density 2 Click Level 3 Noise Tone 4 Noise Mod Speed 5 Noise Mod Depth 6 Dry Send to Noise 7 Noise LPF G 9 Noise LPF Q 9 Noise LPF Q 0 - 1 Dry Level 2 Dry LPF Frequency 3 4 - 5 - 6 -  SCRATCH  Parameter Name  I Input Level 2 Initial Delay 3 Scratch Speed 4 Koratch Speed 4 Koratch Speed 4 Koratch Speed 5 Auto Pan Speed 6 Auto Pan Speed	V I + + + + + + + + + + + + + + + + + + +	0 - 5 0 - 127 0 - 6 0 - 127 0 - 127 0 - 127 34 - 60 10 - 120 0 - 127 34 - 60 0 0 0 0 0 0 - 127 0 - 127	Display  0 - 5 0 - 127 0 - 6 0.00 - 39.7 [Hz] 0 - 127 0 - 127 1.0[kHz] - Thru 1.0 - 12.0 0 - 127 - 1.0[kHz] - Thru - 1.0	Defa  1 20 2 15 72 4 52 15 20 127 49 0 0 0 0 Defa  80 1800 9	Display 1 20 2 110[Hz] 72 4 8.0[kHz] 1.5 20 - 127 5.6[kHz] Display 80 180.0[ms] 9	table#1 table#3 table#3		
DIGITAL 1 No.	TURNTABLE  Parameter Name  I Click Density 2 Click Level 3 Noise Tone 4 Noise Mod Speed 5 Noise Mod Depth 6 Dry Send to Noise 7 Noise LPF Freq 8 Noise LPF Q 9 Noise Level 0 Dry Level 1 Dry Level 2 Dry LPF Frequency 3 - 4 - 5 - 6 -  SCRATCH  Parameter Name  I Input Level 2 Initial Delay 3 Scratch Speed 4 Scratch Depth 5 Auto Pan Speed 6 Auto Pan Depth 7 EQ Frequency	V I + + + + + + + + + + + + + + + + + + +	0 - 5 0 - 127 0 - 6 0 - 127 0 - 127 0 - 127 0 - 127 127 0 - 127 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 0 - 127 1 - 127 0 - 127 1 - 12	Display  0 - 5 0 - 127 0 - 6 0.00 - 39.7 [Hz] 0 - 127 1 0 [Hz] 0 - 127 1.0 [Hz] - Thru 1.0 - 127 1.0 [Hz] - Thru 1.0 - 127 1.0 [Hz] - Thru 1.10 + 12.0  Data Range  Display  0 - 127 0.1 - 460.0 [ms] 1 - 127 0 - 127 0.00 - 39.7 [Hz] 0 - 127 100 - 10.0 [Hz]	Defa  1 20 2 15 5 5 16 15 9 16 127 19 16 127 19 16 12 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16	Display	table#1 table#3 table#3		
DIGITAL 1 No.  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TURNTABLE  Parameter Name  I Click Density 2 Click Level 3 Noise Tone 4 Noise Mod Speed 5 Noise Mod Depth 6 Dry Send to Noise 7 Noise LPF Freq 8 Noise LPF Q 9 Noise Level 0 Dry Level 1 Dry Level 2 Dry LPF Frequency 3 - 4 - 5 - 6 -  SCRATCH  Parameter Name  I Input Level 2 Initial Delay 3 Scratch Speed 4 Scratch Depth 5 Auto Pan Depth 7 EQ Frequency 8 EQ Gain 9 EQ Width	Option  Option  V I  + + + + + + + + + + + + + + + + + +	0 - 5 0 - 127 0 - 6 0 - 127 0 - 127 0 - 127 34 - 60 10 - 120 0 - 127 127 0 - 127 1 - 4600 0 - 127 1 - 4600 0 - 127 0 - 127	Display  0 - 5 0 - 127 0 - 6 0.00 - 39.7 [Hz] 0 - 127 1 - 127 1.0[kHz] - Thru 1.0 - 127 1.0[kHz] - Thru 1.0 - 127 1.0[kHz] - Thru 1.0 - 127 0 - 127 1.0[kHz] - Thru 1.10[kHz] -	Defa  1 20 2 15 72 4 52 15 20 00 127 49 0 0 0 0  Defa  80 1800 9 90 16 127 46 64 20	Display 1 1 20 2 2 2 110[Hz] 72 4 4 8.0[kHz] 1.5 20 - 7 127 5.6[kHz] 1 20 18.0 [ms] 9 0 180.0[ms] 9 0 0.67[Hz] 127 4.0[kHz] +0[dB] 2.0	table#1 table#3 table#3  See Table table#1 table#1		
DIGITAL 1  No.  1  1  1  1  1  1  1  1  1  1  1  1  1	TURNTABLE  Parameter Name  I Click Density 2 Click Level 3 Noise Tone 4 Noise Mod Speed 5 Noise Mod Depth 6 Dry Send to Noise 7 Noise LPF G 9 Noise Level 0 - 1 Dry Level 2 Dry LPF Frequency 3 - 4 - 5 - 6 - 5 CRATCH  Parameter Name  I Input Level 2 Initial Delay 3 Scratch Speed 4 Scratch Depth 5 Auto Pan Speed 6 Auto Pan Depth 5 Auto Pan Speed 6 Auto Pan Depth 5 Quinney 8 EQ Gain 9 EQ Width 0 Dry/Wet Balance 1 HPF Frequency	V I + + + + + + + + + + + + + + + + + + +	0-5 0-127 0-6 0-127 0-16 0-127 0-127 0-127 0-127 0-127 0-127 1-4600 0 0 0-127 1-4600 0 0 0-127 1-4600 1-127 0-127	Display  0 - 5 0 - 127 0 - 6 0.00 - 39.7 [Hz] 0 - 127 1.0[kHz] - Thru 1.0 - 12.0 0 - 127 - 1.0[kHz] - Thru - 1.0 - 12.7  Data Range  Display  0 - 127 0.1 - 460.0 [ms] 1 - 127 0.00 - 39.7 [Hz] 0 - 127 1.00 - 127 1.00 - 127 1.00 - 127 1.00 - 127 1.00 - 127 1.00 - 127 1.00 - 127 1.00 - 127 1.00 - 127 1.00 - 127 1.00 - 127 1.00 - 127 1.00 - 127 1.00 - 127 1.00 - 127 1.00 - 127 1.00 - 10.00 [Hz] 1.2 - 112 [dB]	Defa  1 20 2 15 72 4 52 15 20 127 127 127 49 0 0 0 1800 89 99 00 16 127 46 64 20 64 12	Display  1 1 20 2 2 110[Hz] 72 4 8.0[kHz] 1.5 20 - 127 5.6[kHz] ult Data Display 80 180.0[ms] 9 0.67[Hz] 127 4.0[kHz] +0[dB]	table#1 table#3 table#3 table#3 table#1		
DIGITAL 1  No.  III  DIGITAL 5  No.	TURNTABLE  Parameter Name  I Click Density 2 Click Level 3 Nosise Tome 4 Noise Mod Speed 5 Noise Mod Depth 6 Dry Send to Noise 7 Noise LPF Freq 8 Noise LPF Q 9 Noise LPF Q 1 Dry Level 2 Dry LPF Frequency 3 - 4 - 5 - 6 - 6 -  SCRATCH  Parameter Name  I Input Level 2 Initial Delay 3 Seratch Speed 4 Acratch Depth 6 Auto Pan Depth 7 EQ Frequency 8 Tequency 9 Noise Level 1 Dry Level 2 Initial Delay 1 Seratch Speed 4 Acratch Depth 7 Auto Pan Speed 6 Auto Pan Depth 7 EQ Frequency 8 EQ Gain 9 EQ Width 0 Dry/Wet Balance 1 HFF Frequency 2 -	Option  Option  V I  + + + + + + + + + + + + + + + + + +	0 - 5 0 - 127 0 - 6 0 - 6 0 - 127 0 - 127 0 - 127 34 - 60 10 - 120 1 - 127 34 - 60 0 0 0 0 1 - 127 0 - 127 34 - 60 0 0 0 0 0 - 127 0 -	Display  0 - 5 0 - 127 0 - 6 0.00 - 39.7 [Hz] 0 - 127 1.0[kHz] - Thru 1.0 - 12.0 0 - 127 - 1.0[kHz] - Thru 1.0 - 12.7 1.0[kHz] - Thru  - 1 - 127 1.0[kHz] - Thru  - 1 - 127 1.0[kHz] - Thru  - 1 - 127 0 - 127 0.1 - 46.00 [ms] 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 128 1.0 - 12.0 [hz] 1.0 -	Defa  1 20 2 15 72 4 52 15 20 127 49 0 0 0 0 1800 9 90 16 127 46 64 20 64 12 0	Display  1 1 20 2 2 2 110[Hz] 72 4 8.0[kHz] 1.5 20 - 127 5.6[kHz] 127 5.6[kHz] 127 5.6[kHz] 9 90 180.0[ms] 9 90 0.67[Hz] 127 4.0[kHz] +0[dB] 2.0 D=W	table#1 table#3 table#3  See Table table#1 table#3 table#15		
DIGITAL 1  No.  11  12  12  14  15  16  17  17  18  18  18  18  18  18  18  18	TURNTABLE  Parameter Name  I Click Density 2 Click Level 3 Nosise Tone 4 Noise Mod Speed 5 Noise Mod Depth 6 Dry Send to Noise 7 Noise LPF Freq 8 Noise LPF Q 9 Noise Level 0 - 1 Dry Level 2 Dry LPF Frequency 3 - 4 - 5 - 6 - 6 -  SCRATCH  Parameter Name  I Input Level 2 Initial Delay 3 Scratch Speed 4 Scratch Speed 4 Acratch Depth 5 Auto Pan Speed 6 Auto Pan Depth 7 EQ Frequency 8 LPG Gain 9 EQ Width 1 Dry Weth Balance 1 HPF Frequency 1 LPG Prequency 2 LPG LPG Prequency 2 LPG	Option  Option  V I  + + + + + + + + + + + + + + + + + +	0 - 5 0 - 127 0 - 6 0 - 127 0 - 127 0 - 127 0 - 127 34 - 60 10 - 120 0 - 127 34 - 60 0 0 0 0 0 0 1 - 127 1 - 4600 0 0 0 - 127 1 - 4600 0 0 1 - 127 0 - 52 0 0 0	Display  0 - 5 0 - 127 0 - 6 0.00 - 39.7 [Hz] 0 - 127 1.0[kHz] - Thru 1.0 - 12.0 0 - 127 - 1.0[kHz] - Thru 1.0 - 12.7 1.0[kHz] - Thru  - 1 - 127 1.0[kHz] - Thru  - 1 - 127 1.0[kHz] - Thru  - 1 - 127 0 - 127 0.1 - 46.00 [ms] 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 128 1.0 - 12.0 [hz] 1.0 -	Defa  1 20 2 15 72 4 52 15 20 127 49 0 0 0 0 1800 9 90 16 127 46 46 46 12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  1 1 20 2 2 2 110[Hz] 72 4 4 8.0[kHz] 1.5 20 - 127 5.6[kHz] 127 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	table#1 table#3 table#3  See Table table#1 table#3 table#15		
DIGITAL 1  No.  1  1  1  1  1  1  1  1  1  1  1  1  1	TURNTABLE  Parameter Name  I Click Density 2 Click Level 3 Noise Tone 4 Noise Mod Speed 5 Noise Mod Depth 6 Dry Send to Noise 7 Noise LPF Eq 8 Noise LPF Q 9 Noise Level 0 - 1 Dry Level 2 Dry LPF Frequency 3 4 5 - 6 Company 5 Company 6 Noise Level 0 - 1 Dry Level 1 Input Level 2 Initial Delay 3 Scratch Speed 4 Scratch Depth 5 Auto Pan Depth 6 Auto Pan Depth 7 EQ Frequency 8 EQ Gain 9 EQ Width 1 Dry Wet Balance 1 HPF Frequency 2 Company 8 EQ Gain 9 EQ Width 1 Dry Wet Balance 1 HPF Frequency 2 Company 3 Company 8 EQ Gain 9 EQ Width 1 Dry Wet Balance 1 HPF Frequency 2 Company 3 Company 6 Auto Pan Speed 6 Auto Pan Depth 7 EQ Frequency 8 EQ Gain 9 EQ Width 8 EQ Gain 9 EQ Width 8 EQ Sain 9 EQ Sain 9 EQ Width 8 EQ Sain 9 EQ Width 8 EQ Sain 9 EQ S	Option  Option  V I  + + + + + + + + + + + + + + + + + +	0 - 5 0 - 127 0 - 6 0 - 127 0 - 127 0 - 127 34 - 60 10 - 120 127 34 - 60 0 0 0 - 127 34 - 60 0 0 0 - 127 1 - 4600 1 - 127 0 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127 1 - 127 0 - 127	Display  0 - 5 0 - 127 0 - 6 0.00 - 39.7 [Hz] 0 - 127 1.0[kHz] - Thru 1.0 - 12.0 0 - 127 - 1.0[kHz] - Thru 1.0 - 12.7 1.0[kHz] - Thru  - 1 - 127 1.0[kHz] - Thru  - 1 - 127 1.0[kHz] - Thru  - 1 - 127 0 - 127 0.1 - 46.00 [ms] 1 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 128 1.0 - 12.0 [hz] 1.0 -	Defa  1 20 2 15 72 4 52 15 20 127 127 127 49 0 0 0 1800 1800 1800 16 127 46 64 12 20 64 12 0 0 0	Display 1 20 2 2 110[Hz] 72 4 8.0[kHz] 1.5 20 - 127 5.6[kHz] - 127 5.6[kHz] - 127 5.6[kHz] - 127 6 180 0 180.0[ms] 9 0 0.67[Hz] 127 4.0[kHz] +0[dB] 2.0 D=W 80[Hz] - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	table#1 table#3 table#3  See Table table#1 table#3 table#15		
DIGITAL 1  No.  10  11  11  11  12  14  15  16  No.  No.	TURNTABLE  Parameter Name  I Click Density 2 Click Level 3 Noise Tone 4 Noise Mod Speed 5 Noise Mod Depth 6 Dry Send to Noise 7 Noise LPF Cq 9 Noise LPF Q 9 Noise LPF Q 1 Dry Level 2 Dry LPF Frequency 3 - 4 - 5 - 6 -  SCRATCH  Parameter Name  I Input Level 2 Initial Delay 3 Scratch Speed 4 Senten Depth 5 Auto Fan Speed 4 Senten Depth 7 EQ Frequency 8 LO Width 9 Depth 1 Depth 1 Depth 1 Depth 1 Depth 2 Depth 1 Depth 2 Depth 3 Senten Speed 4 Senten Depth 1 Depth 1 Depth 2 Depth 3 Depth 3 Depth 4 Depth 5 Auto Fan Depth 7 EQ Frequency 8 EQ Gain 9 Depth 9 EQ Width 1 Depth 9 EQ Width 1 Depth 1 Depth 1 Depth 1 Depth 2 Depth 3 Depth 4 Depth 8 EQ Gain 9 EQ Width 1 Depth 9 EQ Senten Depth 1 Depth 1 Depth 1 Depth 1 Depth 2 Depth 3 Depth 4 Depth 6 Depth 8 EQ Gain 9 EQ Width 1 Depth 8 EQ Width 8 EQ Gain 9 EQ Width 8 EQ Width	V I	0-5 0-127 0-127 0-127 0-127 0-127 34-60 0-127 34-60 0-127 0-	Display  0 - 5 0 - 127 0 - 6 0.00 - 39.7 [Hz] 0 - 127 1 0 [Hz] 0 - 127 1 0 [Hz] - Thru 1.0 - 12.0 0 - 127 - 0 - 127 1.0 [KHz] - Thru - 1.0 [KHz] - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 0 - 10.0 [KHz] - 12 - + 12 [dB] 1.0 - 12.0 D63>W - D=W - D <w63 -="" 1.0="" 20="" 8.0="" [hz]="" [khz]="" [khz]<="" td=""><td>Defa  1 20 2 15 72 4 5 2 15 20 127 49 0 0 0 0 80 1800 9 9 16 64 127 46 64 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>Display  1 1 20 2 2 2 110[Hz] 72 4 4 8.0[kHz] 1.5 20</td><td>table#1 table#3 table#3  See Table table#1 table#1 table#3</td><td>Control</td><td>Notes</td></w63>	Defa  1 20 2 15 72 4 5 2 15 20 127 49 0 0 0 0 80 1800 9 9 16 64 127 46 64 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  1 1 20 2 2 2 110[Hz] 72 4 4 8.0[kHz] 1.5 20	table#1 table#3 table#3  See Table table#1 table#1 table#3	Control	Notes
DIGITAL 1  No.  10  11  11  12  12  14  15  16  No.  No.  VIBE VIBE  No.	TURNTABLE  Parameter Name  I Click Density 2 Click Level 3 Noise Tone 4 Noise Mod Speed 5 Noise Mod Depth 6 Dry Send to Noise 7 Noise LPF Freq 8 Noise LPF Q 9 Noise Level 0 - 1 Dry Level 2 Dry LPF Frequency 3 - 4 - 5 - 6 -  SCRATCH  Parameter Name  I Input Level 2 Initial Delay 3 Scratch Speed 4 Scratch Depth 5 Auto Pan Speed 6 Auto Pan Depth 7 EQ Frequency 8 EQ Gain 9 EQ Width 0 Dry Weth Balance 1 HPF Frequency 1 Dry Width 0 Dry Weth Balance 1 HPF Frequency 1 Company 1 C	Option  Option  V I  + + + + + + + + + + + + + + + + + +	0 - 5 0 - 127 0 - 6 0 - 127 0 - 127 0 - 127 34 - 60 10 - 120 0 - 127 127 0 - 127 1 - 4600 0 0 0 0 0 - 127 1 - 127 0 - 127	Display  0 - 5 0 - 127 0 - 6 0.00 - 39.7 [Hz] 0 - 127 1 0 [Hz] 0 - 127 1 0 [Hz] - Thru 1.0 - 12.0 0 - 127 - 0 - 127 1.0 [KHz] - Thru - 1.0 [KHz] - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 0 - 10.0 [KHz] - 12 - + 12 [dB] 1 1.0 - 12.0 D63>W - D-W - D <w63 -="" 1.0="" 1<="" 20="" 8.0="" [hz]="" [khz]="" td=""><td>Defa  1 20 2 2 15 5 72 4 52 15 20 127 127 49 0 0 0 0 1800 9 9 90 16 127 46 64 20 64 12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>  Display</td><td>table#1 table#3 table#3  See Table table#1 table#1 table#3 table#15 table#3</td><td></td><td></td></w63>	Defa  1 20 2 2 15 5 72 4 52 15 20 127 127 49 0 0 0 0 1800 9 9 90 16 127 46 64 20 64 12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display	table#1 table#3 table#3  See Table table#1 table#1 table#3 table#15 table#3		
DIGITAL 1  No.  1  1  1  1  1  1  1  1  1  1  1  1  1	TURNTABLE  Parameter Name  I Click Density 2 Click Level 3 Noise Tone 4 Noise Mod Speed 5 Noise Mod Depth 6 Dry Send to Noise 7 Noise LPF Freq 8 Noise Level 0 - 1 Dry Level 2 Dry LPF Frequency 3 - 4 - 5 - 6 -  SCRATCH  Parameter Name  I Input Level 2 Initial Delay 3 Scratch Speed 4 Scratch Depth 5 Auto Pan Speed 6 Auto Pan Depth 7 Eto Frequency 8 EQ Gain 9 EQ Width 0 Dry/Wet Balance 1 HPF Frequency 2 - 3 - 4 - 5 - 6 -  RATE  Parameter Name	Option  Option  Option  Option  V I  + + + + + + + + + + + + + + + + + +	0 - 5 0 - 127 0 - 6 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 0 - 127 1 - 4600 0 0 0 0 0 - 127 1 - 4600 0 - 127 1 - 127 0 - 127	Display  0 - 5 0 - 127 0 - 6 0.00 - 39.7 [Hz] 0 - 127 1 0 [Hz] 0 - 127 1 0 [Hz] - Thru 1.0 - 12.0 0 - 127 - 0 - 127 1.0 [Hz] - Thru - 1.0	Defa  1 20 2 2 15 5 6 6 6 9 5 6 6	Display	table#1 table#3 table#3  See Table table#1 table#1 table#3	Control	Notes
DIGITAL 1  No.  1  1  1  1  1  1  1  1  1  1  1  1  1	TURNTABLE  Parameter Name  I Click Density 2 Click Level 3 Noise Tone 4 Noise Mod Speed 5 Noise Mod Depth 6 Dry Send to Noise 7 Noise LPF G 9 Noise LPF Q 9 Noise LPF Q 1 Dry LPF Frequency 3 4 - 5 - 6 -  SCRATCH  Parameter Name  I Input Level 2 Initial Delay 3 Scratch Speed 4 Noise LPF Q 9 Dry LPF Frequency 3 4 - 5 - 6 - 6 Dry Med Balance 1 HPF Frequency 8 EQ Gain 9 EQ Width 0 Dry/Wet Balance 1 HPF Frequency 1 HPF Frequency 2 - 3 - 4 - 5 - 6 - 6 -  RATE  Parameter Name	Option  Option  Option  Option  V I  + + + + + + + + + + + + + + + + + +	0-5 0-127 0-127 0-127 0-127 0-127 0-127 34-60 0-127 34-60 0-127 34-60 0 0 0 0 0 1-127 0-127	Display  0 - 5 0 - 127 0 - 6 0.00 - 39.7 [Hz] 0 - 127 0 - 127 1.0[kHz] - Thru 1.0 - 12.0 0 - 127 1.0[kHz] - Thru 1.0 - 12.0 1.0[kHz] - Thru 1.0 - 127 1.0[kHz] - Thru 1.0 - 127 1.0[kHz] - Thru 1.1 - 460.0 [ms] 1 - 127 0 - 127 0.00 - 39.7 [Hz] 0 - 127 1.00 - 10.0 [kHz] 1.0 - 12.0 0.1 - 460.0 [ms] 1.0 - 12.0 0.1 - 12.0 0.1 - 12.0 [ms] 1.0 - 12.0 0.1 - 12.0 [ms] 1.0 - 12.0 [ms] 1	Defa  1 20 2 15 20 127 49 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  1 20 2 20 2 11.0[Hz] 7 4 8.0[kHz] 1.5 20 127 5.6[kHz] 127 5.6[kHz] 127 4.0[kHz] 90 0.67[Hz] 127 4.0[kHz]	table#1 table#3 table#3  See Table table#1 table#1 table#3 table#15 table#3	Control	Notes
DIGITAL 1  No.  1  1  1  1  1  1  1  1  1  1  1  1  1	TURNTABLE  Parameter Name  I Click Density 2 Click Level 3 Noise Tone 4 Noise Mod Speed 5 Noise Mod Depth 6 Dry Send to Noise 7 Noise LPF G 9 Noise LPF Q 9 Noise LPF Q 1 Dry LPF Frequency 3 4 - 5 - 6 - 7 Noise LPF Requency 3 A - 4 Noise LPF Q 9 Noise LPF Q 9 Noise LPF Q 1 Dry LPF Frequency 3 A - 4 Noise LPF Q 9 Noise LPF Q 9 Noise LPF Q 9 Noise LPF Q 1 Dry LPF Frequency 3 A - 5 - 6 - 7 Noise LPF Requency 8 LPF Q 9 Noise LPF Q 9 Nois	Option  Option  Option  Option  V I  + + + + + + + + + + + + + + + + + +	0-5 0-127 0-127 0-127 0-127 0-127 0-127 34-60 0-127 34-60 0 0-127 34-60 0 0 0 0 0 1-127 0-127	Display  0 - 5 0 - 127 0 - 6 0.00 - 39.7 [Hz] 0 - 127 0 - 127 1.0[kHz] - Thru 1.0 - 12.0 0 - 127 1.0[kHz] - Thru 1.0 - 12.7 1.0[kHz] - Thru 1.0 - 127 1.0[kHz] - Thru 1.1 - 460.0 [ms] 1 - 127 1.0 - 127 1.00 - 39.7 [Hz] 0 - 127 1.00 - 129 1.00 - 120 1.00	Defa  1 20 2 15 20 127 49 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  1 20 2 20 2 110[Hz] 7 4 8.0[kHz] 1.5 20 127 5.6[kHz] 127 5.6[kHz] 127 4.0[kHz] 90 0.67[Hz] 1.7 4.0[kHz]	table#1 table#3 table#3 See Table table#1 table#1 table#3 table#15 table#15 table#15	Control	Notes
DIGITAL 1  No.  1  1  1  1  1  1  1  1  1  1  1  1  1	TURNTABLE  Parameter Name  I Click Density 2 Click Level 3 Noise Tone 4 Noise Mod Speed 5 Noise Mod Depth 6 Dry Send to Noise 7 Noise LPF G 9 Noise LPF Q 9 Noise LPF Q 9 LPF Frequency 3 4 - 5 - 6 - 7 Noise LPF Requency 1 Input Level 2 Input Level 2 Input Level 2 Input Level 3 Scratch Speed 4 Noise LPF Q 9 Noi	Option  Option  Option  Option  V I  + + + + + + + + + + + + + + + + + +	0-5 0-127 0-127 0-127 0-127 0-127 0-127 34-60 0-127 34-60 0 0 0 0 0 0 0 1-127 1-4600 0 0 0 1-127 0-127	Display  0 - 5 0 - 127 0 - 6 0.00 - 39.7 [Hz] 0 - 127 0 - 127 1.0[kHz] - Thru 1.0 - 12.0 0 - 127 1.0[kHz] - Thru 1.0 - 12.7 1.0[kHz] - Thru 1.10[kHz] - Thru 1.	Defa  1 20 2 15 20 127 49 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  1 20 2 20 2 110[Hz] 7 4 8.0[kHz] 1.5 20 127 5.6[kHz] 127 5.6[kHz] 127 5.6[kHz] 127 5.6[kHz]	table#1 table#3 table#3  See Table table#1 table#3 table#15 table#15 table#1 table#3	Control	Notes
DIGITAL 1  No.  1  1  1  1  1  1  1  1  1  1  1  1  1	TURNTABLE  Parameter Name  I Click Density 2 Click Level 3 Noise Tone 4 Noise Mod Speed 5 Noise Mod Depth 6 Dry Send to Noise 7 Noise LPF G 9 Noise LPF Q 9 Noise LPF Q 9 Noise LPF Q 1 Dry LPF Frequency 3	Option  Option  Option  Option  V I  + + + + + + + + + + + + + + + + + +	0-5 0-127 0-127 0-127 0-127 0-127 0-127 34-60 0-127 34-60 0 0 0 0 0 10-120 0-127 34-60 0 0 0 0 0 1-127 0-127	Display  0 - 5 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 1 - 127 1 - 120 0 - 127 0 - 127 1 - 127 1 - 120 0 - 127 1 - 127	Defa  1 20 2 15 20 127 49 52 15 20 127 49 0 0 0 1800 9 90 16 127 46 64 12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display  1 1 20 2 20 2 2 110[Hz] 72 4 4 8.0[kHz] 1.5 20 127 5.6[kHz]	table#1 table#3 table#3  See Table table#1 table#3 table#15 table#3  See Table table#1 table#3	Control	Notes
DIGITAL 1  No.  1  1  1  1  1  1  1  1  1  1  1  1  1	TURNTABLE  Parameter Name  I Click Density 2 Click Level 3 Noise Tone 4 Noise Mod Speed 5 Noise Mod Depth 6 Dry Send to Noise 7 Noise LPF Freq 8 Noise LPF Q 9 Noise Level 0 - 1 Dry Level 2 Dry LPF Frequency 3 - 4 - 5 - 6 - 5 - 6 - 8 CRATCH  Parameter Name  I Input Level 2 Initial Delay 3 Scratch Speed 4 Acratch Depth 5 Auto Pan Depth 7 EQ Frequency 8 EQ Gain 9 EQ Willed To Depth 9 For Parameter Name  I Wibrate Speed 4 Auto Pan Depth 7 EQ Frequency 8 EQ Gain 9 EQ Willed To Depth 9 EQ Wild To Depth 1 EQ Frequency 8 EQ Gain 9 EQ Wild To Depth 1 EQ Frequency 1 Vibrate Speed 2 Vibrate Depth(AM) 3 Vibrate Depth(PM) 4 - 5 - 6 - 6 - 6 EQ Low Frequency 9 EQ High Gain 1 Orly Well Balance 1 Vibrate Speed 2 Vibrate Depth(PM) 4 - 5 EQ High Frequency 9 EQ High Gain 1 Orly Well Balance	Option  Option  Option  Option  V I  + + + + + + + + + + + + + + + + + +	0-5 0-127	Display  0 - 5 0 - 127 0 - 6 0.00 - 39.7 [Hz] 0 - 127 1 - 127 1.0 [kHz] - Thru 1.0 - 12.0 0 - 127 1.0 [kHz] - Thru 1.0 - 12.0 1.0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 0 - 12 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	Defa  1 20 2 15 72 4 52 15 20 127 127 49 0 0 0 0 1800 9 90 16 127 46 64 12 20 64 12 20 65 65 12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Display   1   20   20   2   110[Hz]   72   4   8.0[kHz]   1.5   20   - 12   7   2   5.6[kHz]   - 1   2   5   6   6   1   6   6   6   6   6   6   6	table#1 table#3 table#3  See Table table#1 table#3 table#15 table#15 table#1 table#3	Control	Notes
DIGITAL 1  No.    1	TURNTABLE  Parameter Name  I Click Density 2 Click Level 3 Noise Tone 4 Noise Mod Speed 5 Noise Mod Depth 6 Dry Send to Noise 7 Noise LPF G 9 Noise LPF Q 9 Noise LPF Q 9 Noise LPF Q 1 Dry LPF Frequency 3	Option  Option  Option  Option  V I  + + + + + + + + + + + + + + + + + +	0-5 0-127 0-128 0 0 0 0 0 0-127	Display  0 - 5 0 - 127 0 - 127 0 - 127 0 - 127 0 - 127 1 - 127 1 - 127 1 - 120 0 - 127 0 - 127 1 - 127 1 - 120 0 - 127 1 - 127	Defa  1 20 2 15 72 4 52 15 20 127 127 127 127 127 127 127 127 127 127	Display  1 1 20 2 20 2 2 110[Hz] 72 4 4 8.0[kHz] 1.5 20 127 5.6[kHz]	table#1 table#3 table#3 table#3 table#1 table#3 table#15 table#3 table#15 table#3 table#3 table#3 table#3 table#3	Control	Notes

3D MANU	AL									
No.	Parameter Name	O	ption		Data Range	Defa	ult Data	See Table	Control	Notes
			V I		Display		Display			
	l Azimuth		+ +	4 - 124	-180 ~ +180 [deg]	64	+0[deg]			
	2 Elevation		+ +		-90 ~ +90 [deg]	64	+0[deg]			
	3 Distance		+ +	0 - 127	0 ~ 127	40	40			
	4 -			0	-	0	-			
	5 -			0	-	0	-			
	6 Output Mode		+ +	0 - 1	Speaker, Headphone	0	Speaker			
	7 -			0	-	0	-			
	8 -			0	-	0	-			
	9 -			0	-	0	-			
	0 -			127	-	127	-			
	1 -			0	-	0	-			
	2 -			0	-	0	-			
	3 -			0	-	0	-			
	4 -			0	-	0	-			
	5 -			0	-	0	-			
1	6 -			0	-	0	-			

3D AUTO										
No.	Parameter Name	Op	tion		Data Range	Defa	ult Data	See Table	Control	Notes
			VI		Display		Display			
	l Azimuth		+ +	4 - 124	-180 ~ +180 [deg]	64	+0[deg]			
1	2 Elevation		+ +	49 - 79	-90 ~ +90 [deg]	64	+0[deg]			
3	3 Distance		+ +	0 - 127	0 ~ 127	40	40			
4	4 Turn Mode		+ +	0 - 2	L Turn,R Turn,Stop	2	Stop			
	Turn Speed		+ +	0 - 100	0.00 ~ 1.0 [Hz]	10	0.10[Hz]			Fastest speed depends on the CPU.
	Output Mode		+ +	0 - 1	Speaker, Headphone	0	Speaker			
1	7 -			0	-	0	-			
8	8 -			0	-	0	-			
9	9 -			0	-	0	-			
10	0 -			127	-	127	-			
11	1 -			0	-	0	-			
13	2 -			0	-	0	-			
13	3 -			0	-	0	-			
14	4 -			0	-	0	-			
1.5	5 -			0	-	0	-			
16	5 -			0	-	0	-			

WIDE STI	EREO									
No.	Parameter Name	Op	tion		Data Range	Defa	ult Data	See Table	Control	Notes
			VI		Display		Display			
	l Wide		+ +	64 - 94	0 ~ 90 [deg]	89	75[deg]			
	2 Output Mode		+ +	0 - 1	Speaker, Headphone	0	Speaker			
	3 -			0	-	0	-			
	4 -			0	=	0	-			
	5 -			0	-	0	-			
	6 -			0	-	0	-			
	7 -			0	-	0	-			
	8 -			0	-	0	-			
	9 -			0	=	0	-			
	0 -			127	-	127	-			
	1 -			0	-	0	-			
1	2 -			0	=	0	-			
1	3 -			0	=	0	-			
	4 -			0	=	0	-			
1	5 -			0	=	0	-			
1	6 -			0	-	0	-			

### XG EFFECT PARAMETER TABLE

LFO Frequence	Value[Hz]	Data	Value[Hz]
Jata 0	0.00	Data 64	2.69
1	0.04	65	2.78
2	0.04	66	2.86
3	0.13	67	2.94
4	0.13	68	3.03
5	0.21	69	3.11
6	0.25	70	3.20
7	0.29	71	3.28
8	0.34	72	3.37
9	0.38	73	3.45
10	0.42	74	3.53
11	0.46	75	3.62
12	0.51	76	3.70
13	0.55	77	3.87
14	0.59	78	4.04
15	0.63	79	4.21
16	0.67	80	4.37
17 18	0.72 0.76	81	4.54
18	0.76	82 83	4.71
20	0.84	84	5.05
21	0.88	85	5.22
22	0.93	86	5.38
23	0.97	87	5.55
24	1.01	88	5.72
25	1.05	89	6.06
26		90	6.39
27	1.14	91	6.73
28	1.18	92	7.07
29	1.22	93	7.40
30	1.26	94	7.74
31	1.30	95 96	8.08
33	1.35 1.39	96	8.41 8.75
34	1.43	98	9.08
35	1.47	99	9.42
36	1.51	100	9.76
37	1.56	101	10.1
38	1.60	102	10.8
39	1.64	103	11.4
40	1.68	104	12.1
41	1.72	105	12.8
42	1.77	106	13.5
43	1.81	107	14.1
44	1.85	108	14.8
45	1.89 1.94	109 110	15.5 16.2
47	1.94	111	16.8
48	2.02	112	17.5
49	2.06	113	18.2
50	2.10	114	19.5
51	2.15	115	20.9
52	2.19	116	22.2
53	2.23	117	23.6
54	2.27	118	24.9
55	2.31	119	26.2
56	2.36	120	27.6
57	2.40 2.44	121 122	28.9 30.3
58 59	2.44		
59 60	2.48	123 124	31.6
61	2.52	124	34.3
62	2.61	125	37.0
63	2.65	120	39.7

	atio	n Delay Offse		\$7.1
Data	0	Value 0.0	Data 64	Value 6.4
	1	0.0	65	6.5
	2	0.2	66	6.6
	3	0.3	67	6.7
	4	0.4	68	6.8
	5	0.5	69	6.9
	6	0.6	70	7.0
	7	0.7	71	7.1
	8	0.8	72	7.2
	9	0.9	73	7.3
	10	1.0	74	7.4
	11	1.1	75	7.5
	12	1.2	76 77	7.6
	13	1.3	78	7.7
	15	1.5	79	7.9
	16	1.6	80	8.0
	17	1.7	81	8.1
	18	1.8	82	8.2
	19	1.9	83	8.3
	20	2.0	84	8.4
	21	2.1	85	8.5
	22	2.2	86	8.6
	23	2.3	87	8.7
	24	2.4	88	8.8
	25 26	2.5 2.6	89 90	9.0
	27	2.7	91	9.1
	28	2.8	92	9.2
	29	2.9	93	9.3
	30	3.0	94	9.4
	31	3.1	95	9.5
	32	3.2	96	9.6
	33	3.3	97	9.7
	34	3.4	98	9.8
	35 36	3.5 3.6	99 100	9.9
	37	3.7	100	11.1
	38	3.8	102	12.2
	39	3.9	103	13.3
	40	4.0	104	14.4
	41	4.1	105	15.5
	42	4.2	106	17.1
	43	4.3	107	18.6
	44	4.4	108	20.2
	45	4.5	109	21.8
	46	4.6	110	23.3
	47 48	4.7	111 112	24.9
	48	4.8	112	28.0
	50	5.0	113	29.6
	51	5.1	115	31.2
	52	5.2	116	32.8
	53	5.3	117	34.3
	54	5.4	118	35.9
	55	5.5	119	37.5
	56	5.6	120	39.0
	57	5.7	121	40.6
	58 59	5.8	122	42.2
	59 60	6.0	123 124	45.3
	61	6.1	124	45.3
	62	6.2	125	48.4
	63	6.3	127	50.0

0	n Delay Offse			EQ F
	Value	Data	Value	Data
0	0.0	64	6.4	
1	0.1	65	6.5	
2	0.2	66	6.6	
3	0.3	67	6.7	
4	0.4	68	6.8	-
5	0.5	69	6.9	
6	0.6	70	7.0	
7	0.7	71	7.1	
8	0.8	72	7.2	
9	0.9	73	7.3	
0	1.0	74 75	7.4 7.5	-
1	1.1			
2	1.2	76	7.6	
	1.3	77	7.7	
1	1.4	78	7.8	
5	1.5	79	7.9	
5	1.6	80	8.0	
7	1.7	81	8.1	<del> </del>
3	1.8	82	8.2	l
)	1.9	83	8.3	-
)	2.0	84	8.4 8.5	
)	2.1	85		
3	2.2	86	8.6	
	2.3	87	8.7 8.8	
5		88	8.9	-
	2.5	89 90	9.0	
,	2.6 2.7	91	9.0	-
3	2.8	92	9.1	-
)	2.9	93	9.3	-
)	3.0	94	9.4	
l	3.1	95	9.5	
2	3.2	96	9.6	
3	3.3	97	9.7	
1	3.4	98	9.8	-
	3.5	99	9.9	
6	3.6	100	10.0	
7	3.7	101	11.1	
3	3.8	102	12.2	
3	3.9	103	13.3	
)	4.0	104	14.4	
	4.1	105	15.5	
	4.2	106	17.1	
•	4.3	107	18.6	
1	4.4	108	20.2	
,	4.5	109	21.8	
5	4.6	110	23.3	
7	4.7	111	24.9	
ŝ	4.8	112	26.5	
)	4.9	113	28.0	
)	5.0	114	29.6	
	5.1	115	31.2	
2	5.2	116	32.8	
;	5.3	117	34.3	
ļ	5.4	118	35.9	
	5.5	119	37.5	
5	5.6	120	39.0	
7	5.7	121	40.6	
3	5.8	122	42.2	
)	5.9	123	43.7	
	6.0	124	45.3	
l	6.1	125	46.9	
2	6.2	126	48.4	
;	6.3	127	50.0	

eque		Reverb tim	
0	Value[Hz]	Data 0	Value[s]
1	THRU(20) 22	1	(
2	25	2	(
3	28	3	(
4	32	4	(
5	36	5	(
6	40	6	(
7	45	7	
9	50 56	8	
10	63	10	
11	70	11	
12	80	12	
13	90	13	
14	100	14	
15	110	15	
16 17	125 140	16 17	1
18	160	18	
19	180	19	
20	200	20	
21	225	21	
22	250	22	- 1
23	280	23	- 1
24	315 355	24	
25	400	25	
27	450	27	
28	500	28	
29	560	29	
30	630	30	
31	700	31	- 3
32	800	32	
33 34	900 1.0k	33 34	
35	1.0k	35	
36	1.2k	36	
37	1.4k	37	- 4
38	1.6k	38	4
39	1.8k	39	4
40	2.0k	40	4
41	2.2k 2.5k	41	4
43	2.5k 2.8k	42	- 4
44	3.2k	44	4
45	3.6k	45	- 4
46	4.0k	46	4
47	4.5k	47	
48	5.0k	48	
49	5.6k	49	
50 51	6.3k 7.0k	50 51	
52	8.0k	52	-
53	9.0k	53	8
54	10.0k	54	
55	11.0k	55	9
56	12.0k	56	9
57	14.0k	57	10
58	16.0k	58	11
59 60	18.0k THRU(20.0k)	59 60	12
00	111CU(20.0K)	61	13
		62	15
		63	10

s          Data         Value(s)           0.3         64         17.0           0.5         66         19.0           0.6         67         20.0           0.7         68         25.0           0.8         69         30.0           1.0         7         1           1.1         8         1           1.2         9         1           1.1         1         8         1           1.2         9         1         1           1.1         1.1         8         8         1           1.2         1         10         1         1           1.4         1.1         1.1         1<				table#5 Delay Tim	e(0.1 ~ 20
0.3         64         17.0         0           0.4         65         18.0         1           0.5         66         19.0         2           0.6         67         20.0         3           0.8         69         30.0         5           0.9         6         6         1           1.0         7         1         1           1.1         8         1         1           1.2         9         1         1           1.3         10         1         1           1.5         12         1         1           1.6         13         2         1           1.7         14         2         1           1.8         15         2         1           1.9         16         2         2           2.1         18         2         2           2.1         18         2         2           2.1         18         2         2           2.2         19         3         3           2.4         23         3         3           2.5         22         3	s	Data	Value[s]		
0.5         66         19.0         2           0.7         68         25.0         3           0.7         68         25.0         4           0.8         69         30.0         5           1.0         7         1           1.1         8         8         1           1.2         10         1         1           1.3         10         1         1           1.5         12         1         1           1.6         13         2         1           1.7         14         2         2           1.7         14         2         2           1.9         16         2         3           2.0         17         2         2           2.1         18         2         2           2.2         19         3         3           2.4         21         3         3           2.5         22         3         3           2.7         24         3         2           2.8         25         3         3           2.8         25         3         3     <		64			
0.6         67         20.0         3           0.7         68         25.0         4           0.8         69         30.0         5           0.9          6            1.0          7         1           1.1          8         1           1.1          9         1           1.3         10         11         11           1.5         12         11         11           1.6         13         2         14         2           1.7         1.8         15         2         2           1.9         16         2         2         19         3           1.6         2         2.0         17         2         2         18         2         2         2         18         2         2         2         18         2         2         2         13         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         4         3         3         4         3 <t< td=""><td></td><td>65</td><td></td><td></td><td></td></t<>		65			
0.7         68         25.0         4           0.8         69         30.0         5           0.9         1.0         7         1           1.1         8         8         1           1.2         9         1         1           1.3         10         1         1           1.4         11         1         1           1.5         1.6         13         2           1.7         14         2         2           1.8         15         2         2           1.9         16         2         2           2.0         17         2         2           2.1         18         2         2           2.2         19         3         3           2.4         21         3         3           2.7         24         3         3           2.8         25         3         3           2.9         3         30         27         4           3.0         3.1         28         4           3.2         29         4         3         3           2.9					
0.8         69         30.0         5           1.0         7         1           1.1         8         1           1.2         9         1           1.3         10         1           1.4         111         1           1.5         12         1           1.6         13         2           1.7         14         2           1.8         15         2           1.9         16         2           2.0         17         2           2.1         18         2           2.2         19         3           2.3         20         3           2.4         21         3           2.5         22         3           2.6         23         3           2.7         24         3           2.8         25         3           2.9         26         4           3.0         27         4           3.3         30         4           3.4         31         4           3.5         3.7         34           3.8         35 <td></td> <td></td> <td>20.0</td> <td></td> <td></td>			20.0		
0.9         6           1.0         7         1           1.1         8         1           1.2         9         1           1.3         10         1           1.4         11         11         1           1.5         1.6         13         2           1.7         14         2         1           1.8         15         2         1           1.9         16         2         17         2           2.1         18         2         2         19         3           2.2         19         3         2         4         21         3         2         3         2         3         2         3         2         3         2         3         2         3         2         3         2         3         2         3         2         3         2         3         2         3         2         3         2         3         2         3         3         3         2         4         2         1         3         2         2         3         3         3         2         4         3         3			25.0		
1.0		69	30.0		
1.1         8         1           1.2         1.3         10         11           1.4         11         11         1           1.5         12         1         1           1.6         13         2         1           1.7         14         2         1           1.8         15         2         2           1.9         16         2         2           2.0         17         2         2           2.1         18         2         2           2.2         2.1         18         2           2.2         2.1         19         3           2.4         21         3         2           2.5         22         3         3           2.6         23         3         3           2.8         2.5         3         3           2.9         2.6         4         3           2.8         2.5         3         3           2.9         2.6         4         3           3.0         2.7         4         3           3.1         2.8         4         4					
1.2					
1.3         10         1           1.4         11         1         1           1.5         12         1         13         2           1.7         14         2         1         14         2         1         14         2         1         14         2         1         18         15         2         1         18         15         2         2         19         16         2         2         19         3         2         18         2         2         19         3         2         3         2         19         3         2         3         2         19         3         3         2         19         3         3         2         19         3         3         2         1         3         3         2         1         3         3         2         1         3 <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>					
1.4         11         1           1.5         12         1           1.6         13         2           1.7         14         2           1.8         15         2           1.9         16         2           2.0         17         2           2.1         18         2           2.2         19         3           2.4         21         3           2.5         22         3           2.6         23         3           2.7         24         3           2.9         26         4           3.0         27         4           3.1         28         4           3.2         29         4           3.3         30         4           3.1         28         4           3.2         29         4           3.3         30         4           3.1         28         4           4.1         3.2         3           3.5         3.2         5           3.6         33         5           3.7         34         5 <td>1.3</td> <td></td> <td></td> <td></td> <td>1</td>	1.3				1
1.5         12         1           1.6         13         2           1.7         14         2           1.8         15         2           1.9         16         2           2.0         17         2           2.1         18         2           2.2         19         3           2.2         2.9         20         3           2.7         24         3         2           2.9         26         4         3           3.0         27         4         3           3.1         28         4         31         4           3.5         32         29         4         3         3         5           3.0         27         4         3         3         5         4         4         4         4         4         3         3         5         4         4         3         3         5         4         3         3         5         4         4         5         3         3         5         4         4         4         4         4         4         4         4         4 <t< td=""><td>1.4</td><td></td><td></td><td></td><td></td></t<>	1.4				
1.7         14         2           1.8         1.5         2           1.9         16         2           2.0         17         2           2.1         18         2           2.2         19         3           2.0         3         3           2.4         21         3           2.5         22         3           2.7         24         3           2.8         25         3           2.9         26         4           3.0         27         4           3.1         28         4           3.2         29         4           3.3         30         4           3.4         31         4           3.5         3.3         30         4           3.6         33         3         5           3.8         35         5         3           3.8         35         5         3           3.8         35         5         4           4.1         38         5         5           4.0         37         5         4	1.5				
1.8					
1.9         16         2           2.0         17         2           2.1         18         2           2.2         19         3           2.4         21         3           2.5         22         3           2.6         23         3           2.7         24         3           2.9         26         4           3.1         28         4           3.2         29         4           3.3         30         4           3.1         28         4           3.2         29         4           3.3         30         4           3.1         28         4           3.2         35         32           3.6         33         35           3.7         34         35           3.8         35         5           3.8         35         5           3.8         35         5           4.0         37         5           4.1         38         5           4.2         39         6           4.3         40         6 <td></td> <td></td> <td></td> <td></td> <td></td>					
2.1         18         2           2.2         19         3           2.3         20         3           2.4         21         3           2.6         23         3           2.7         24         3           2.8         25         3           2.9         26         4           3.0         27         4           3.1         28         4           3.2         29         4           3.3         30         4           3.4         31         4           3.5         32         5           3.6         33         5           3.7         34         5           3.8         35         5           3.9         36         5           4.0         37         5           4.1         38         5           4.2         39         6           4.3         40         6           4.5         4.2         39           4.5         4.2         4           4.6         43         6           4.7         44         44 </td <td></td> <td></td> <td></td> <td></td> <td></td>					
2.1         18         2           2.2         19         3           2.3         20         3           2.4         21         3           2.6         23         3           2.7         24         3           2.8         25         3           2.9         26         4           3.0         27         4           3.1         28         4           3.2         29         4           3.3         30         4           3.4         31         4           3.5         32         5           3.6         33         5           3.7         34         5           3.8         35         5           3.9         36         5           4.0         37         5           4.1         38         5           4.2         39         6           4.3         40         6           4.5         4.2         39           4.5         4.2         4           4.6         43         6           4.7         44         44 </td <td></td> <td></td> <td></td> <td></td> <td>2</td>					2
2.2         19         3           2.4         20         3           2.5         22         3           2.6         23         3           2.7         24         3           2.8         25         3           2.9         26         4           3.0         27         4           3.1         28         4           3.2         29         4           3.3         30         4           3.4         31         4           3.5         32         5           3.6         33         5           3.7         34         5           3.8         35         5           3.9         36         5           4.0         37         5           4.1         38         5           4.2         39         6           4.3         40         6           4.4         41         6           4.5         42         6           4.6         43         6           4.7         44         6           4.8         45         7					
2.3         20         3           2.4         21         3           2.5         22         3           2.6         23         3           2.8         25         3           2.9         26         4           3.0         27         4           3.1         28         4           3.2         29         4           3.3         30         4           3.4         3.1         4           3.5         32         5           3.6         33         5           3.7         34         5           3.8         35         5           3.9         36         5           4.0         37         5           4.1         38         5           4.2         39         6           4.3         40         6           4.4         41         6           4.5         42         6           4.7         44         6           4.8         45         7           5.5         48         7           6.0         49         7					
2.4         21         3           2.5         22         3           2.6         23         3           2.7         24         3           2.9         26         4           3.1         28         4           3.2         29         4           3.3         30         4           3.4         31         4           3.5         32         25           3.6         33         5           3.8         35         5           3.9         36         5           4.0         37         5           4.1         38         5           4.2         39         6           4.3         40         6           4.3         40         6           4.4         41         6           4.5         42         6           4.6         43         6           4.7         44         6           4.8         45         7           5.5         48         7           5.5         5         48           7.5         5         2					
2.5         22         3           2.6         23         3           2.7         24         3           2.8         25         3           2.9         26         4           3.0         27         4           3.1         28         4           3.2         29         4           3.3         30         4           3.4         31         4           3.5         32         5           3.6         33         5           3.7         34         5           3.8         35         5           3.9         36         5           4.0         37         5           4.1         38         5           4.2         39         36         5           4.2         39         36         5           4.2         39         6         4           4.2         39         6         4           4.2         39         6         4           4.2         49         4         6           4.3         40         6         4					
2.6         23         3           2.7         24         3           2.9         26         4           3.0         27         4           3.1         28         4           3.2         29         4           3.3         30         4           3.5         32         5           3.6         33         5           3.7         34         5           3.8         35         5           3.9         36         5           4.0         37         5           4.1         38         5           4.2         39         6           4.3         40         6           4.3         40         6           4.5         42         6           4.6         43         6           4.7         44         46           4.8         45         7           5.5         48         7           6.0         49         7           6.5         50         7           7.5         52         8           8.5         54         8	2.5				3
2.7         24         3           2.8         25         3           2.9         3.6         4           3.1         28         4           3.2         29         4           3.3         30         4           3.4         31         4           3.5         32         5           3.6         33         5           3.7         34         5           3.8         35         5           3.9         36         5           4.0         37         5           4.1         38         5           4.2         39         6           4.3         40         6           4.4         41         6           4.5         42         6           4.6         43         6           4.7         44         6           4.8         45         7           5.0         47         7           5.5         48         7           5.5         48         7           6.5         50         7           7.0         51         8	2.6				3
2.9         26         4           3.0         27         4           3.1         28         4           3.2         29         4           3.3         30         4           3.5         32         5           3.6         33         5           3.7         34         5           3.8         35         5           3.9         36         5           4.0         37         5           4.1         38         5           4.2         39         6           4.3         40         6           4.4         41         6           4.5         42         6           4.6         43         6           4.7         44         6           4.8         45         7           5.0         47         7           5.5         48         7           5.5         48         7           6.5         50         7           7.0         51         8           9.5         56         8           9.5         56         8	2.7			24	
3.0   27   4     3.1   28   4     3.2   29   4     3.3   30   4     3.4   31   4     3.5   32   5     3.6   33   5     3.7   34   5     3.8   35   5     3.9   36   5     4.1   38   5     4.1   38   5     4.2   39   6     4.1   4   4   1   6     4.5   4.6   43   6     4.5   42   6     4.6   43   6     4.7   44   6     4.8   45   7     4.9   46   7     5.0   47   7     5.5   48   7     6.5   50   7     7.0   51   8     7.5   52   8     9.0   55   8     9.0   55   8     9.1   9.5     11.0   58   9     12.0   59   9     13.0   60   9     14.0   161   9     15.0   62   9     15.0   62   9     15.0   62   9     15.0   66   9     15.0   66   9     15.0   66   9     15.0   66   9     15.0   66   9     15.0   66   9     15.0   66   9     15.0   66   9     15.0   66   9     15.0   66   9     15.0   66   9     15.0   66   9     15.0   66   9     15.0   66   9     15.0   66   69     15.0   66   69     15.0   66   69     15.0   66   69     15.0   66   69     15.0   66   69     15.0   66   69     15.0   66   69     15.0   66   69     15.0   66   69     15.0   66   69     15.0   66   60   60     15.0   66   66   66     15.0   66   66     15.0   66   66     15.0   66   66     15.0   66   66     15.0   66   66     15.0   66   66     15.0   66   66     15.0   66	2.8				
3.1         28         4           3.2         29         4           3.3         30         4           3.4         31         4           3.5         32         5           3.6         33         5           3.7         34         5           3.8         35         5           3.9         36         5           4.0         37         5           4.1         38         5           4.2         39         6           4.3         40         6           4.3         40         6           4.5         42         6           4.6         43         6           4.7         44         46         7           5.5         48         7           6.0         49         7         7           5.5         48         7           6.5         50         7           7.5         52         8           8.0         53         8           8.5         54         8           9.5         56         8           10.0					4
3.2         29         4           3.3         30         4           3.4         31         4           3.5         32         5           3.6         33         5           3.7         34         5           3.8         35         5           3.9         36         5           4.0         37         5           4.1         38         5           4.2         39         6           4.3         40         6           4.5         42         6           4.6         43         6           4.7         44         46           7         44         46         7           5.5         48         7           6.0         49         7         7           7.0         51         8         7           7.5         52         8         8           9.0         55         8         9           10.0         57         8         9           11.0         58         9         9           15.0         60         9					
3.3         30         4           3.4         31         4           3.5         32         5           3.6         33         5           3.7         34         5           3.8         35         5           3.9         36         5           4.0         37         5           4.1         38         5           4.2         39         6           4.3         40         6           4.4         41         6           4.5         42         6           4.6         43         6           4.7         44         46           7.0         47         7           6.0         49         7           6.5         50         7           7.0         51         8           7.5         52         8           8.0         53         8           8.5         54         8           9.5         56         8           10.0         57         8           9.5         56         8           10.0         59         99 </td <td></td> <td></td> <td></td> <td></td> <td></td>					
3.4         31         4           3.5         32         5           3.6         33         5           3.7         34         5           3.8         35         5           3.9         36         5           4.0         37         5           4.1         38         5           4.2         39         6           4.3         40         6           4.4         41         6           4.5         42         6           4.6         43         6           4.7         44         6           4.8         45         7           5.0         47         7           5.5         48         7           6.5         50         7           7.0         51         8           8.0         53         8           8.5         54         8           9.0         55         8           10.0         57         8           11.0         58         9           12.0         59         9           13.0         60         9 </td <td></td> <td></td> <td></td> <td></td> <td></td>					
3.5         32         5           3.6         33         5           3.7         34         5           3.8         35         5           3.9         36         5           4.0         37         5           4.1         38         5           4.2         39         6           4.3         40         6           4.5         42         6           4.6         43         6           4.7         44         46         7           5.0         47         7         46         7           5.5         48         7         6.5         50         7           6.5         50         7         7.0         51         8           7.5         52         8         8         5         8           9.0         55         8         9         55         8           10.0         57         8         9         9         55         8         9           11.0         58         9         9         9         9         9         9         9         9         9         <					
3.7         34         5           3.8         35         5           3.9         36         5           4.0         37         5           4.1         38         5           4.2         39         6           4.3         40         6           4.4         41         6           4.5         42         6           4.7         44         6           4.7         44         46         7           5.0         47         7         7           5.5         48         7         6.0         49         7           6.5         50         7         7         7.0         51         8         8         8         5         8         8         9.0         55         8         9         9.0         55         8         9         9.5         56         8         9         11.0         58         9         9         9         9         9         9         9         9         9         9         9         9         9         1         1         8         9         9         1         1         1 <td></td> <td></td> <td></td> <td>32</td> <td>5</td>				32	5
3.8         35         5           3.9         36         5           4.0         37         5           4.1         38         5           4.2         39         6           4.3         40         6           4.4         41         6           4.5         42         6           4.6         43         6           4.7         44         46         7           5.0         47         7         7           5.5         48         7         7           6.0         49         7         7           7.0         51         8         7           7.5         52         8         8           9.0         55         8         9           9.5         56         8         10.0         57         8           9.0         55         8         9         11.0         58         9           11.0         58         9         9         9         9         13.0         60         9         9           15.0         62         9         9         62         9					
339   36   5   5   40   37   5   5   41   38   5   5   42   39   6   6   44   41   6   42   6   6   6   6   6   6   6   6   6					5
4.0         37         5           4.1         38         5           4.2         39         6           4.3         40         6           4.4         41         6           4.5         42         6           4.6         43         6           4.7         44         46         7           5.0         47         7         5.5           5.5         48         7         6.5         50         7           6.5         50         7         7.5         51         8           7.5         52         8         8         53         8           8.5         54         8         9         55         8           9.0         55         8         9         11.0         58         9           11.0         58         9         12.0         59         9         9         13.0         60         9         14.0         14.0         61         9         15.0         62         9         9         15.0         62         9         9         15.0         62         9         9         10         10					5
4.1         38         5           4.2         39         6           4.3         40         6           4.4         41         6           4.5         42         6           4.6         43         6           4.7         44         6           4.8         45         7           5.0         47         7           5.5         48         7           6.6         49         7           6.5         50         7           7.0         51         8           8.0         53         8           8.5         54         8           9.0         55         8           10.0         57         8           11.0         58         9           12.0         59         9           13.0         60         9           14.0         61         9           15.0         62         9					
4.2         39         6           4.3         40         6           4.4         41         6           4.5         42         6           4.6         43         6           4.7         44         45         7           4.8         45         7         46         7           5.0         47         7         7         5         48         7           6.0         49         7         7         51         8         7         7.0         51         8         8         53         8         8         8.5         54         8         8         9.0         55         8         9         9.5         56         8         9         11.0         58         9         11.0         58         9         11.0         60         9         9         14.0         61         9         15.0         62         9         9         15.0         62         9         9         15.0         62         9         9         62         9         9         9         9         9         9         9         9         9         9         9         9					
4.3         40         6           4.4         41         6           4.5         42         6           4.6         43         6           4.7         44         45         7           4.8         45         7         7           4.9         46         7         5.5         48         7           6.0         49         7         7         7         7         7         8.0         7         7         7         7         8.0         53         8         8.5         54         8         9         9.5         55         8         9         9.5         56         8         11.0         58         9         9         13.0         60         9         9         13.0         60         9         9         14.0         61         9         15.0         62         9         9         15.0         62         9					
4.4         41         6           4.5         42         6           4.6         43         6           4.7         44         6           4.8         45         7           5.9         46         7           5.5         48         7           6.0         49         7           6.5         50         7           7.0         51         8           7.5         52         8           8.0         53         8           8.5         34         8           9.0         55         8           10.0         57         8           11.0         58         9           12.0         59         9           13.0         60         9           14.0         61         9           15.0         62         9	4.3			40	
4.5         42         6           4.7         44         6           4.7         44         6           4.8         45         7           4.9         46         7           5.0         47         7           5.5         48         7           6.0         49         7           7.0         51         8           7.5         52         8           8.0         53         8           8.5         54         8           9.0         55         8           9.5         56         8           10.0         57         8           11.0         58         9           12.0         59         9           13.0         60         9           14.0         61         9           15.0         62         9				41	6
4.7         44         6           4.8         45         7           4.9         46         7           5.0         47         7           5.5         48         7           6.0         49         7           6.5         50         7           7.0         51         8           7.5         52         8           8.5         53         8           8.5         54         8           9.0         55         8           9.5         56         8           10.0         57         8           11.0         58         9           12.0         59         9           13.0         60         9           14.0         61         9           15.0         62         9					6
4.8         45         7           4.9         46         7           5.0         47         7           5.5         48         7           6.0         49         7           6.5         50         7           7.0         51         8           7.5         52         8           8.0         53         8           8.5         54         8           9.0         55         8           9.5         56         8           11.0         58         9           12.0         59         99           13.0         60         9           14.0         61         9           15.0         62         9					
4.9         46         7           5.0         47         7           5.5         48         7           6.0         49         7           6.5         50         7           7.0         51         8           7.5         52         8           8.0         53         8           8.5         54         8           9.0         55         8           9.5         56         8           10.0         57         8           11.0         58         9           12.0         59         9           13.0         60         9           14.0         61         9           15.0         62         9					
5.0         47         7           5.5         48         7           6.0         49         7           6.5         50         7           7.0         51         8           7.5         52         8           8.0         53         8           8.5         54         8           9.0         55         8           9.5         56         8           10.0         57         8           9.1         59         9           12.0         59         9           13.0         60         9           14.0         61         9           15.0         62         9		l			
5.5         48         7           6.0         49         7           6.5         50         7           7.0         51         8           7.5         52         8           8.0         53         8           8.5         54         8           9.0         55         8           10.0         57         8           11.0         58         9           12.0         59         9           13.0         60         9           14.0         61         9           15.0         62         9					
6.0         49         7           6.5         50         7           7.0         51         8           7.5         52         8           8.0         53         8           8.5         54         8           9.0         55         8           9.5         56         8           10.0         57         8           11.0         58         9           12.0         59         9           13.0         60         9           14.0         61         9           15.0         62         9					
6.5         50         7           7.0         51         8           7.5         52         8           8.0         53         8           8.5         54         8           9.0         55         8           9.5         56         8           10.0         57         8           9.1         11.0         58         9           12.0         59         9         9           13.0         60         9           14.0         61         9           15.0         62         9		l			
7.0         51         8           7.5         52         8           8.0         53         8           8.5         54         8           9.0         55         8           9.5         56         8           10.0         57         8           11.0         58         9           12.0         59         9           13.0         60         9           14.0         61         9           15.0         62         62	6.5	l		50	7
7.5	7.0				
8.5         54         8           9.0         55         8           9.5         56         8           10.0         57         8           11.0         58         9           12.0         59         9           13.0         60         9           14.0         61         9           15.0         62         9				52	
9.0         55         8           9.5         56         8           10.0         57         8           11.0         58         9           12.0         59         9           13.0         60         9           14.0         61         9           15.0         62         9	8.0				
9.5         56         8           10.0         57         8           11.0         58         9           12.0         59         9           13.0         60         9           14.0         61         9           15.0         62         9				54	
10.0   57   8   11.0   58   9   12.0   59   9   13.0   60   9   14.0   61   9   15.0   62   9					
11.0     58     9       12.0     59     9       13.0     60     9       14.0     61     9       15.0     62     9					
12.0 59 9 13.0 60 9 14.0 61 9 15.0 62 9					
13.0     60     9       14.0     61     9       15.0     62     9					
15.0 62 9	13.0			60	9
				61	
16.0 63 9		l		62	
	16.0	l		63	9

5 Tim	e(0.1 ~ 200.0	[ms])		table#6 Room Size	
	Value[ms]	Data	Value[ms]	Data	Value
0	0.1	64	100.8	0	0
1	1.7	65	102.4	1	0
2	3.2	66	104.0	2	0
3	4.8	67	105.6	3	0
4	6.4	68	107.1	4	0
5	8.0	69	108.7	5	0
6	9.5	70	110.3	6	1
7	11.1	71	111.9	7	1
8	12.7	72	113.4	8	1
9	14.3	73	115.0	9	1
10	15.8	74	116.6	10	1
11	17.4	75	118.2	11	1
12	19.0	76	119.7	12	2
13	20.6	77	121.3	13	2
14	22.1	78	122.9	14	2
15	23.7	79	124.4	15	2
16	25.3	80	126.0	16	2
17	26.9	81	127.6	17	2
18	28.4	82	129.2	18	2
19	30.0	83	130.7	19	3
20	31.6	84	132.3	20	3
21	33.2	85	133.9	21	3
22	34.7	86	135.5	22	3
23	36.3	87	137.0	23	3
24	37.9	88	138.6	24	3
25	39.5	89 90	140.2 141.8	25	4
26 27	41.0 42.6	90	141.8	26	4
28	44.2	92	143.3	28	4
29	45.7	93	144.9	29	4
30	47.3	94	148.1	30	4
31	48.9	95	149.6	31	
32	50.5	96	151.2	32	5
33	52.0	97	152.8	33	5
34	53.6	98	154.4	34	5
35	55.2	99	155.9	35	5
36	56.8	100	157.5	36	5
37	58.3	101	159.1	37	5
38	59.9	102	160.6	38	6
39	61.5	103	162.2	39	6
40	63.1	104	163.8	40	6
41	64.6	105	165.4	41	6
42	66.2	106	166.9	42	6
43	67.8	107	168.5	43	6
44	69.4	108	170.1	44	7
45	70.9	109	171.7		
46	72.5	110	173.2		
47	74.1	111	174.8		
48	75.7	112	176.4		
49	77.2	113	178.0		
50	78.8	114	179.5		
51	80.4	115	181.1		
52	81.9	116	182.7		
53 54	83.5	117	184.3		
55	85.1 86.7	118 119	185.8 187.4		
56	88.7	119	187.4 189.0		

Data	e(0.1 ~ 400.0) Value[ms]	Data	Value[ms]
0	0.1	64	201.
1	3.2	65	201.
2	6.4	66	204.
_			
3	9.5	67	211.
	12.7	68	214.
5	15.8	69	217.
6	19.0	70	220.
7	22.1	71	223.
8	25.3	72	226.
9	28.4	73	230.
10	31.6	74	233.
11	34.7	75	236.
12	37.9	76	239.
13	41.0	77	242.
14	44.2	78	245.
15	47.3	79	248.
16	50.5	80	252.
17	53.6	81	255
18	56.8	82	258.
19	59.9	83	261.
20	63.1	84	264.
21	66.2	85	267.
22	69.4	86	270.
23	72.5	87	274.
24	75.7	88	277.
25	78.8	89	280.
26	82.0	90	283.
27	85.1	91	286.
28	88.3	92	289.
29	91.4	93	292.
30	94.6	94	296.
31	97.7	95	299.
32	100.9	96	302.
33	104.0	97	305.
34	107.2	98	308.
35	110.3	99	311.
36	113.5	100	315.
37	116.6	101	318.
38	119.8	102	321.
39	122.9	102	324.
40	126.1	104	327.
41	129.2	105	330.
42	132.4	106	333.
43	135.5	107	337.
44	138.6	108	340.
45	141.8	109	343.
46	144.9	110	346.
47	148.1	111	349.
48	151.2	112	352.
49	154.4	113	355.
50	157.5	114	359.
51	160.7	115	362.
52	163.8	116	365.
53	167.0	117	368.
54	170.1	118	371
55	173.3	119	374.
		120	374.
56		120	
57	179.6		381.
58	182.7	122	384.
59	185.9	123	387.
60	189.0	124	390.
61	192.2	125	393.
62	195.3	126	396.
63	198.5	127	400.

table#8

Compressor Attack Time Data Value[ms]

table#9				
Compressor Release Tir				
Data	Value[ms]			
0	10			
1	15			
2	25			
3	35			
4	45			
5	55			
6	65			
7	75			
8	85			
9	100			
10	115			
11	140			
12	170			
13	230			
14	340			
15	680			

table#10				
Compressor Ratio				
Data	Value			
0	1			
1	1			
2	2			
3	3 5			
4	5			
5	7			
6	10			
7	20			

table#10	
Compresso	or Ratio
Data	Value
0	1.0
1	1.5
2	2.0
3	3.0
4	5.0
5	7.0
6	10.0
7	20.0

essor Ratio				
	Value			
0		1.0		
1		1.5		
2		2.0		
3		3.0		
4		5.0		
5		7.0		
6		10.0		
7		20.0	ı	
			1	

table#11

Reverb Width;Depth;Height					
Data	Value[m]	Data	Value[m]		
0	0.5	64	17.6		
1	0.8	65	17.9		
2	1.0	66	18.2		
3	1.3	67	18.5		
4	1.5	68	18.8		
5	1.8	69	19.1		
6	2.0	70	19.4		
7	2.3	71	19.7		
8	2.6	72	20.0		
9	2.8	73	20.2		
10	3.1	74	20.5		
11	3.3	75	20.8		
12	3.6	76	21.1		
13	3.9	77	21.4		
1/4	4.1	78	21.7		

9.9 10.2 10.4 11.0 11.2 11.5 12.1 12.3 13.1 13.4 14.0 14.5 15.1 15.4 16.5 16.8 17.1 17.3

table#12	
Wah Relea	ise Time
Data	Value[ms]
52	10
53	15
54	25
55	35
56	45
57	55
58	65
59	75
60	85
61	100
62	115
63	140
64	170
65	230
66	340
67	680

able#13	anling Frague	nov Contro	1
Data	npling Freque Value[Hz]	Data	Value[Hz]
0	44.1k	64	678.0
1	22.1k	65	668.0
2	14.7k	66	658.0
4	11.0k 8.8k	67 68	649.0 639.0
5	7.4k	69	630.0
6	6.3k	70	621.0
7	5.5k	71	613.0
8	4.9k	72	604.0
9	4.4k	73	596.0
10 11	4.0k 3.7k	74 75	588.0 580.0
12	3.4k	76	573.0
13	3.2k	77	565.0
14	2.9k	78	558.0
15	2.8k	79	551.0
16	2.6k	80	544.0
17	2.5k 2.3k	81	538.0
18 19	2.3k 2.2k	82 83	531.0 525.0
20	2.1k	84	519.0
21	2.0k	85	513.0
22	1.92k	86	507.0
23	1.84k	87	501.0
24	1.76k 1.70k	88 89	496.0 490.0
26	1.70k 1.63k	90	485.0
27	1.58k	91	479.0
28	1.52k	92	474.0
29	1.47k	93	469.0
30	1.42k	94	464.0
31	1.38k 1.34k	95 96	459.0 455.0
33	1.34k 1.30k	97	450.0
34	1.26k	98	445.0
35	1.23k	99	441.0
36	1.19k	100	437.0
37	1.16k	101	432.0
38 39	1.13k 1.10k	102 103	428.0 424.0
40	1.10k	103	420.0
41	1.05k	105	416.0
42	1.03k	106	412.0
43	1.00k	107	408.0
44	980.0	108	405.0
45 46	959.0 938.0	109 110	401.0 397.0
47	919.0	111	394.0
48	900.0	112	390.0
49	882.0	113	387.0
50	865.0	114	383.0
51	848.0	115	380.0
52 53	832.0 817.0	116 117	377.0 374.0
54	802.0	117	374.0
55	788.0	119	368.0
56	774.0	120	364.0
57	760.0	121	361.0
58 59	747.0	122	359.0
59 60	735.0 723.0	123 124	356.0 353.0
61	711.0	124	350.0
62	700.0	126	347.0
63	689.0	127	345.0

### XG EFFECT PARAMETER TABLE

tab	le	#	14
rm.			

Tempo			
Data	Value	Data	Value
0	64th/3	64	4thX51
1	64th.	65	4thX52
2	32th	66	4thX53
3	32th/3	67	4thX54
4	32th.	68	4thX55
5	16th	69	4thX56
6	16th/3	70	4thX57
7	16th.	71	4thX58
8	8th	72	4thX59
9	8th/3	73	4thX60
10	8th.	74	4thX61
11	4th	75	4thX62
12	4th/3	76	4thX63
13	4th.	77	4thX64
1.4	24		

4thX4 4thX5 4thX6

4thX10 4thX1 4thX12

4thX12 4thX14

4thX15 4thX16

4thX1 4thX19

4thX20

4thX22 4thX23

4thX24 4thX25 4thX26

4thX2

4thX32

4thX36 4thX37

4thX38 4thX39 53 4thX40

4thX44 4thX45 4thX46 60 4thX47 61 4thX48

54 4thX41

62 4thX49 63 4thX50

4thX3 47 4thX34 4thX35

41 4thX2

Dry/Wet					
Data	Dry[dB]	Wet[dB]	Data	Dry[dB]	Wet[dB]
1	0.00	-	65	-0.28	0.00
2	0.00	-71.97	66	-0.56	0.00
3	0.00	-59.93	67	-0.85	0.00
4	0.00	-52.89	68	-1.14	0.00
5	0.00	-47.89	69	-1.44	0.00
6	0.00	-44.01	70	-1.74	0.00
7	0.00	-40.85	71	-2.05	0.00
8	0.00	-38.17	72	-2.36	0.00
9	0.00	-35.85	73	-2.68	0.00
10	0.00	-33.80	74	-3.00	0.00
11	0.00	-31.97	75	-3.33	0.00
12	0.00	-30.32	76	-3.67	0.00
13	0.00	-28.81	77	-4.01	0.00
14	0.00	-27.42	78	-4.37	0.00
15	0.00	-26.13	79	-4.72	0.00
16 17	0.00	-24.93	80 81	-5.09 -5.46	0.00
17	0.00	-23.81 -22.76	81	-5.46 -5.85	0.00
18	0.00	-22.76	82 83	-5.85 -6.24	0.00
20	0.00	-21.76	84	-6.63	0.00
20	0.00	-20.82	85	-7.04	0.00
22	0.00	-19.93	86	-7.46	0.00
23	0.00	-18.28	87	-7.89	0.00
24	0.00	-17.50	88	-8.33	0.00
25	0.00	-16.77	89	-8.78	0.00
26	0.00	-16.06	90	-9.25	0.00
27	0.00	-15.37	91	-9.72	0.00
28	0.00	-14.72	92	-10.21	0.00
29	0.00	-14.09	93	-10.71	0.00
30	0.00	-13.48	94	-11.23	0.00
31	0.00	-12.89	95	-11.77	0.00
32	0.00	-12.32	96	-12.32	0.00
33	0.00	-11.77	97	-12.89	0.00
34	0.00	-11.23	98	-13.48	0.00
35	0.00	-10.71	99	-14.09	0.00
36	0.00	-10.21	100	-14.72	0.00
37	0.00	-9.72	101	-15.37	0.00
38	0.00	-9.25	102	-16.06	0.00
39	0.00	-8.78	103	-16.77	0.00
40 41	0.00	-8.33 -7.89	104 105	-17.50 -18.28	0.00
41	0.00	-7.46	105	-18.28 -19.08	0.00
42	0.00	-7.46 -7.04	106	-19.08	0.00
44	0.00	-6.63	107	-20.82	0.00
45	0.00	-6.24	109	-21.76	0.00
46	0.00	-5.85	110	-22.76	0.00
47	0.00	-5.46	111	-23.81	0.00
48	0.00	-5.09	112	-24.93	0.00
49	0.00	-4.72	113	-26.13	0.00
50	0.00	-4.37	114	-27.42	0.00
51	0.00	-4.01	115	-28.81	0.00
52	0.00	-3.67	116	-30.32	0.00
53	0.00	-3.33	117	-31.97	0.00
54	0.00	-3.00	118	-33.80	0.00
55	0.00	-2.68	119	-35.85	0.00
56	0.00	-2.36	120	-38.17	0.00
57	0.00	-2.05	121	-40.85	0.00
58	0.00	-1.74	122	-44.01	0.00
59	0.00	-1.44	123	-47.89	0.00
60	0.00	-1.14	124	-52.89	0.00
61	0.00	-0.85	125	-59.93 -71.97	0.00
62	0.00	-0.56 -0.28	126 127	-/1.9/	0.00
64	0.00	-0.28	12/	-	0.00

-0.28 0.00

table#16

table#16			
	Level (Revert		
Data	Value[%]	Data	Value[%]
1	-99.21	65	1.57
2	-97.63	66	3.15
3	-96.06	67	4.72
4	-94.48	68	6.30
	-92.91	69	7.87
6	-91.33	70	9.45
7	-89.76	71	11.02
- 8	-88.18	72	12.60
9 10	-86.61	73 74	14.17 15.75
11	-85.03	75	
12	-83.46 -81.88	76	17.32 18.90
13	-80.31	77	20.47
13	-78.74	78	22.05
15	-77.16	79	23.62
16	-75.59	80	25.20
17	-74.01	81	26.77
18	-72.44	82	28.34
19	-72.44	83	29.92
20	-69.29	84	31.49
20	-67.71	85	33.07
22	-66.14	86	34.64
23	-64.56	87	36.22
24	-62.99	88	37.79
25	-61.41	89	39.37
26	-59.84	90	40.94
27	-58.26	91	42.52
28	-56.69	92	44.09
29	-55.11	93	45.67
30	-53.54	94	47.24
31	-51.97	95	48.82
32	-50.39	96	50.39
33	-48.82	97	51.97
34	-47.24	98	53.54
35	-45.67	99	55.11
36	-44.09	100	56.69
37	-42.52	101	58.26
38	-40.94	102	59.84
39	-39.37	103	61.41
40	-37.79	104	62.99
41	-36.22	105	64.56
42	-34.64	106	66.14
43	-33.07	107	67.71
44	-31.49	108	69.29
45	-29.92	109	70.86 72.44
46 47	-28.34 -26.77	110 111	74.01
47	-26.77	111	75.59
46	-23.62	113	77.16
50	-23.02	113	78.74
51	-22.03	115	80.31
52	-18.90	116	81.88
53	-17.32	117	83.46
54	-15.75	118	85.03
55	-14.17	119	86.61
56	-12.60	120	88.18
57	-11.02	121	89.76
58	-9.45	122	91.33
59	-7.87	123	92.91
60	-6.30	124	94.48
61	-4.72	125	96.06
62	-3.15	126	97.63
63	-1.57	127	99.21
64	0.00		
		•)	

table#17

Data	Value[%]	Data	Value[%]
1	-72.29	65	1.15
2	-71.14	66	2.29
3	-70.00	67	3.44
4	-68.85	68	4.59
5	-67.70	69	5.74
6	-66.55	70	6.88
7	-65.41	71	8.03
8	-64.26	72	9.18
9 10	-63.11	73 74	10.33 11.47
11	-61.96 -60.82	75	12.62
12	-59.67	76	13.77
13	-58.52	77	14.92
14	-57.37	78	16.06
15	-56.23	79	17.21
16	-55.08	80	18.36
17	-53.93	81	19.51
18	-52.78	82	20.65
19	-51.64	83	21.80
20	-50.49	84	22.95
21	-49.34	85	24.10
22	-48.19	86	25.24
23	-47.05	87	26.39
24	-45.90	88	27.54
25	-44.75 -43.60	89 90	28.69
26 27	-43.60 -42.46	90	29.83 30.98
28	-42.40	91	32.13
29	-40.16	93	33.28
30	-39.01	94	34.42
31	-37.87	95	35.57
32	-36.72	96	36.72
33	-35.57	97	37.87
34	-34.42	98	39.01
35	-33.28	99	40.16
36	-32.13	100	41.31
37	-30.98	101	42.46
38	-29.83	102	43.60
39	-28.69	103	44.75
40	-27.54 -26.39	104 105	45.90 47.05
42	-25.24	105	48.19
43	-23.24	100	49.34
44	-22.95	107	50.49
45	-21.80	109	51.64
46	-20.65	110	52.78
47	-19.51	111	53.93
48	-18.36	112	55.08
49	-17.21	113	56.23
50	-16.06	114	57.37
51	-14.92	115	58.52
52	-13.77	116	59.67
53	-12.62	117	60.82
54	-11.47	118	61.96
55	-10.33	119	63.11
56 57	-9.18 -8.03	120 121	64.26
			65.41
58 59	-6.88 -5.74	122 123	66.55 67.70
60	-3.74	123	68.85
61	-3.44	124	70.00
62	-2.29	125	71.14
63	-1.15	127	72.29

table#18

-72.11 -65.07

-60.07 -56.19

-30.35 -48.03 -45.98 -44.15 -42.50 -40.98

-38.31

-34.93 -33.94 -33.00

-29.68 -28.94 -28.23

-27.55 -26.90

-26.27 -25.66

-25.07

-23.41 -22.89 -22.39 -21.90

-20.51 -20.07

-19.64

-18.02

-16.90

-15.85 -15.51 -15.18

-14.86

-13.92 -13.62 -13.32 -13.03 -12.74

-12.46 -12.18

B]	Data	Value[%]	Data	Value[%]
90	0	0.00	64	50.39
]	1	0.78	65	51.17
	2	1.56	66	51.95
	3	2.34	67	52.73
	4	3.13	68	53.52
	5	3.91	69	54.30
	6	4.69	70	55.08
	7	5.47	71	55.86
	8	6.25	72	56.64
	9	7.03	73	57.42
	10	7.81	74	58.20
	11	8.59	75	58.98
	12	9.38	76	59.77
	13	10.16	77	60.55
	14	10.94	78	61.33
	15	11.72	79	62.11
	16	12.50	80	62.89
	17	13.28	81	63.67
	18	14.06	82	64.45
	19	14.84	83	65.23
	20	15.63	84	66.02
	21	16.41	85	66.80
	22	17.19	86	67.58
	23	17.97	87	68.36
	24	18.75	88	69.14
	25	19.53	89	69.92
	26	20.31	90	70.70
	27	21.09	91	71.48
	28	21.88	92	72.27
	29	22.66	93	73.05
	30	23.44	94 95	73.83
	31			74.61
	32	25.20	96	75.59
	33	25.98 26.76	97 98	76.37 77.15
	35	27.54	98	77.93
	36		100	78.71
	37	28.32 29.10	100	79.49
	38	29.10	101	80.27
	39	30.66	102	81.05
	40	31.45	103	81.84
	41	32.23	104	82.62
	42	33.01	103	83.40
	43	33.79	100	84.18
	43	34.57	107	84.96
	45	35.35	100	85.74
	46	36.13	110	86.52
	47	36.91	111	87.30
	48	37.70	112	88.09
	49	38.48	113	88.87
	50	39.26	114	89.65
1	51	40.04	115	90.43
	52	40.82	116	91.21
	53	41.60	117	91.99
	54	42.38	118	92.77
	55	43.16	119	93.55
	56	43.95	120	94.34
	57	44.73	121	95.12
	58	45.51	122	95.90
	59	46.29	123	96.68
	60	47.07	124	97.46
	61	47.85	125	98.24
	62	48.63	126	99.02
1	63	49.41	127	100.00

### XG EFFECT PARAMETER TABLES

Data	ck Time Value[ms]	Data	Value[ms]
0	0.3	64	value[iiis]
1	0.9	65	114
2	1.8	66	110
3	2.7	67	113
4	3.6	68	120
5	5.4	69	12
6	7.2	70	12:
7	9.0	71	12
8	10.0	72	12
9	12.0	73	12
10	14.0	74	13
11 12	16.0	75	13:
12	18.0 20.0	76 77	13
13	21.0	78	13
15	23.0	79	13
16	25.0	80	14
17	27.0	81	14
18	29.0	82	14
19	30.0	83	14
20	32.0	84	14
21	34.0	85	15
22	36.0	86	15
23	38.0	87	15
24	40.0	88	15
25	41.0	89	15
26	43.0	90	16
27	45.0 47.0	91 92	16
28 29	47.0	92	16. 16.
30	50.0	93	16
31	52.0	95	16
32	54.0	96	17
33	56.0	97	17
34	58.0	98	17-
35	60.0	99	17
36	61.0	100	17
37	63.0	101	18
38	65.0	102	18
39 40	67.0 69.0	103 104	18 18
40	70.0	104	18
42	70.0	105	18
43	74.0	107	19
44	76.0	108	19
45	78.0	109	19
46	80.0	110	19
47	81.0	111	19
48	83.0	112	20
49	85.0	113	20
50	87.0	114	20
51 52	89.0 90.0	115	20.
53	92.0	116 117	20
54	94.0	118	21
55 55	94.0	118	21
56	98.0	120	21
57	100.0	121	21
58	101.0	122	21
59	103.0	123	22
60	105.0	124	22
61	107.0	125	22
62	109.0	126	22
63	110.0	127	22

KIA	REFE	,			
Table#21	Table#21				
Dyna Rele	ase Time				
Data	Value[ms]	Data	Value[ms]		
0	2.6	64	369.1		
1 2	3.0	65	390.8		
3	3.4	66 67	412.5 434.2		
4	4.3	68	456.0		
5	4.7	69	477.7		
6	5.2	70	499.4		
7	5.6	71	521.1		
8	6.0	72 73	542.8 564.5		
10	6.9	74	586.2		
11	7.3	75	608.0		
12	7.8	76	629.7		
13	8.2	77	651.4		
14	8.6	78	673.1		
15 16	13.0 17.3	79 80	694.8 716.5		
17	21.7	81	738.3		
18	26.0	82	760.0		
19	30.4	83	781.7		
20	34.7	84	803.4		
21	39.0	85	825.1		
22	43.4	86	846.8 868.5		
23 24	47.7 52.1	87 88	868.5 890.3		
25	56.4	89	912.0		
26	60.8	90	933.7		
27	65.1	91	955.4		
28	69.4	92	977.1		
29	73.8	93 94	998.8 1020.5		
30 31	78.1 82.5	94 95	1020.5 1042.3		
32	86.8	96	1064.0		
33	91.2	97	1085.7		
34	95.5	98	1107.4		
35	99.8	99	1129.1		
36 37	104.2 108.5	100	1150.8 1172.5		
38	108.5 112.9	101 102	1172.3		
39	117.2	103	1216.0		
40	121.6	104	1237.7		
41	125.9	105	1259.4		
42	130.2	106	1281.1		
43 44	134.6 138.9	107 108	1302.8 1346.3		
44	143.3	108	1346.3		
46	147.6	110	1433.1		
47	152.0	111	1476.6		
48	156.3	112	1520.0		
49	160.6	113	1563.4		
50	165.0 169.3	114	1606.8		
51 52	169.3 173.7	115 116	1650.3 1693.7		
53	173.7	110	1737.1		
54	182.4	118	1780.6		
55	186.7	119	1824.0		
56	195.4	120	1867.4		
57	217.1	121	1910.8		
58 59	238.8 260.5	122	1954.3 1997.7		
60	260.5 282.2	123 124	2041.1		
61	304.0	124	2084.6		
62	325.7	126	2128.0		
63	347.4	127	2171.4		

	Carrier Freq (		
ata	Value[Hz]	Data	Value[Hz]
0	0.7 1.3	64 65	151.4 160.2
2	2.0	66	169.6
3	2.7	67	179.0
4	3.4	68	189.1
5	4.0	69	199.9
6	4.7	70	211.3
7	5.4	71	223.4 236.2
8 9	6.1 6.7	72 73	249.7
10	7.4	7.5	263.8
11	8.1	75	279.3
12	8.7	76	294.7
13	9.4	77	311.6
14	10.1	78	329.7
15 16	10.8 11.4	79 80	348.6 368.1
17	12.1	81	389.6
18	12.1	82	411.8
19	13.5	83	435.4
20	14.1	84	459.6
21	14.8	85	485.9
22	15.5	86	514.1
23 24	16.2	87 88	543.1
25	16.8 17.5	89	574.0 607.0
26	18.2	90	642.0
27	19.5	91	678.3
28	20.9	92	717.3
29	21.5	93	757.7
30	22.9	94 95	801.5 847.2
31	24.2 25.6	95 96	847.2 895.0
33	26.9	97	946.1
34	28.9	98	1000.7
35	30.3	99	1057.2
36	32.3	100	1117.7
37	33.6	101	1181.7
38 39	35.7 37.7	102 103	1249.0 1320.3
40	39.7	103	1320.3
41	42.4	105	1475.1
42	44.4	106	1559.2
43	47.1	107	1648.7
44	49.8	108	1742.9
45 46	52.5 55.9	109 110	1841.8 1947.5
47	59.2	111	2058.5
48	62.6	112	2175.6
49	65.9	113	2300.1
50	70.0	114	2431.3
51	73.3	115	2569.9
52 53	78.1	116	2716.6
54	82.1 86.8	117 118	2871.4 3035.6
55	92.2	118	3208.5
56	96.9	120	3391.6
57	103.0	121	3585.4
58	108.3	122	3790.0
59	115.1	123	4006.6
60	121.1	124	4234.8
61	128.5 135.9	125	4477.0 4732.1
62	135.9	126 127	4732.1 5002.6

Data	Delay Offset Value[ms]	Data	Value[ms]
0	0.1	64	4.7
- 1	0.1	65	5.0
2	0.1	66	5.2
3	0.2	67	5.5
4	0.2	68	5.8
5	0.2	69	6.0
6	0.2	70	6.4
7	0.2	71	6.7
9	0.3	72 73	7.0 7.4
10	0.3	74	7.4
11	0.3	75	8.1
12	0.3	76	8.5
13	0.4	77	9.0
14	0.4	78	9.4
15	0.4	79	9.9
16	0.4	80	10.3
17	0.5	81	10.7
18	0.5	82	11.2
19	0.5	83	11.6
20	0.5	84	12.1
21	0.6	85	12.5
22	0.6	86	12.9 13.4
24	0.6	87 88	13.4 13.8
25	0.7	89	14.2
26	0.7	90	14.7
27	0.8	91	15.1
28	0.8	92	15.6
29	0.8	93	16.0
30	0.9	94	16.4
31	0.9	95	16.9
32	1.0	96	17.3
33 34	1.0	97 98	17.8
35	1.1	98	18.2
36	1.1	100	19.1
37	1.2	101	19.5
38	1.3	102	20.0
39	1.4	103	20.4
40	1.4	104	20.8
41	1.5	105	21.3
42	1.6	106	21.7
43	1.7	107	22.2
44	1.8	108	22.6
45	1.8	109 110	23.0
47	2.0	111	23.3
48	2.0	111	24.4
49	2.3	113	24.8
50	2.4	114	25.2
51	2.5	115	25.7
52	2.6	116	26.1
53	2.7	117	26.5
54	2.9	118	27.0
55	3.0	119	27.4
56	3.2	120	27.9
57	3.3	121	28.3
58 59		122 123	28.7
60	3.7	123	29.2
61	4.1	124	30.1
62	4.3	125	30.1
63	4.5	127	30.9

table#24 Modulatio	n Phase
Data	Value[deg]
0	-180
1	-158
2	-135
3	-113
4	-90
5	-68
6	-45
7	-23
8	0
9	23
10	45
11	68
12	90
13	113
14	135
15	158
16	190

## XG EFFECT PARAMETER DEFAULTS

Reverb, Chorus, Variation, Insertion Block

Reverb, Chorus, Variation, Insei	HOII L	TOCI					De	mom oto	a Mussal							
TIPE	1	2	3	4	5	6		ramete 8		10	11	12	13	14	15	16
NOEFFECT	0				0	0								0	0	_
HALL 1	18	10	8		49	0				40	0			8	64	0
HALL 2	25	10	28	6	46	0	0	0	0	40	13	3	74	7	64	0
LARGE HALL	18	10	8		49	0	0	0	0	40	0			8	0	0
MEDIUM HALL	15	10	14	13	49	0	0	0	0	40	0	0	0	8	0	0
HALL M	18	10	8	13	49	0	0	0	0	40	0	4	50	8	64	0
HALL L	18	10	28	6	46	0	0	0	0	40	13	3	74	7	64	0
ROOM 1	5	10	16	4	49	0	0	0	0	40	5	3	64	8	64	0
ROOM 2	12	10	5	4	38	0	0	0	0	40	0	4	50	8	64	0
ROOM 3	9	10	47	5	36	0	0	0	0	40	0			8	64	0
WARM ROOM	3	10	8	8	48	0	0	0	0	40	0	0	0	7	0	0
WOODY ROOM	5	10	16	4	49	0	0	0	0	40	0	0	0	8	0	0
ROOM S	11	10	5		38	0				40	0			8	64	0
ROOM M	13	10	16	4	49	0				40	5			8	64	0
ROOM L	15	10	47	5	36	0				40	0			8	64	0
STAGE 1	19	10	16	7	54	0	0			40	0			6	64	0
STAGE 2	11	10	16	7	51	0				40	2			6	64	0
PLATE	25	10	6		49	0					2			5	64	0
RICH PLATE	23	10	6		49	0				40	0			5	0	0
GM PLATE	13	10	6	8	49	0	0			40	2			5	64	0
DELAYL,C,R	3333	1667	5000		74	100	10			32	0			64	46	64
DELAYL,R	2500	3750		3750	87	10				32	0			64	46	64
ЕСНО	1700	80	1780	80	10	1700				40	0			64	46	64
CROSS DELAY	1700	1750	111	1	10	0					0			64	46	64
EARLY REF1	0	19	5		64	0				32	5			0	0	
EARLY REF2	2	7	10		64	3					5			0	0	
GATE REVERB	0	15	6		64	0				32	4			0	0	0
REVERSE GATE	1	19	8	3	64	0		0		32	6			0	0	0
WHITE ROOM	9	5	11	0	46	30	50		7	40	34	4		7	64	0
TUNNEL	48	6	19	0	44	33	52		16	40	20	4		7	64	0
CANYON	59	6	63	0		34	62	91	13	40	25	4		4	64	0
BASEMENT	3	6	3		34	26	29		15	40	32	4		8	64	0
KARAOKE 1	63	97	0		0	0					2			0	0	
KARAOKE 2	55	105	0		0	0					1			0	0	
KARAOKE 3	43	110	14	53	0	0				64	0			0	0	
TEMPO DELAY	10	80	10		64	0				39	0			64	46	64
TEMPO CROSS	11	92	100	78	64	0	0			40	0			64	46	64
TEMPO CROSS	8	8	102	1	10	64	0			34	0			64	46	64
THRU	0		0		0	0					0			0	0	
CHORUS 1	6	54	77	106		28	64		64	64	46			0	0	
CHORUS 2	8	63	64	30	0	28	62	42	58	64	46	64	10	0	0	
CHORUS 3	4	44	64	110	0	28	64		66	64	46	64	10	0	0	
GM CHORUS 1	9	10	64	109	0	28	64	_	64	64	46	64	10	0	0	
GM CHORUS 2	26	34	67	105	0	28 28	64		64	64	46	64 64	10 10	0	0	0
GM CHORUS 3 GM CHORUS 4	9 26	34	69 75	105 102	0		64 64		66 64	64 64	46 46	64	10	0	0	0
	_	29				28								0		
FB CHORUS CHORUS 4	6	43 32	107 69	111 104	0	28 28	64 64	_	64 64	64 64	46 46	64 64	10 10	0	0	0
CELESTE 1	12	32	64	104	0	28	64			127	40			0	0	
CELESTE 1 CELESTE 2	_	18	90		0						40			0	-	-
CELESTE 2 CELESTE 3	28	63	44	2	0	28 28	64		60 68	84 127	40			0		
CELESTE 3 CELESTE 4	8	29	64	0	0	28	64	_	66	127	40			0	1	0
FLANGER 1	14	14	104	2	0	28	64	_		96	40	64		4	0	
FLANGER 1 FLANGER 2	32	17	26	2	0	28	64			96	40		10	4	0	
GM FLANGER	32	21	120	1	0	28	64	_		96	40	64	10	4	0	
FLANGER 3	4	109	109	2	0	28	64			127	40	64	10	4	0	
SYMPHONIC	12	25	16		0	28	64			127	46			0	0	
ROTARY SPEAKER	81	35	0			24	60		54	127	33	52		0	0	
DISTORTION+ROTARY SPEAKER	6	92	0		0	26	68		52	127	0			5	49	55
OVER DRIVE+ROTARY SPEAKER	7	90	0		0	24	66			127	0			4	47	45
AMP SIMULATOR+ROTARY SPEAKER	5	90	3		0	25	68	_		127	0			4	48	45
TREMOLO	83	56	0		0	28	64		64	127	40	64	10	64	0	
AUTOPAN	76	80	32	5	0	28	64		64	127	40		10	0	0	
AUTO PAN2	67	127	32	5	15	28	64			127	40			0	0	
PHASER 1	8	111	74	104	0	28	64			64	6	_	0	0	0	
PHASER 2	8	111	74	104	0	28	64			64	5			0	0	
DISTORTION	40	20	72	53	48	0			10		120			0	0	
COMPRESSOR+DISTORTION	40				48	0					120			100	4	
COLLI REDUCK : DID I OKTION	_ +∪	20	12	- 23	+0	U	+3	/+	10	14/	120	. 0		100	4	U

STEREO DISTORTION	18	27	71	48	84	0	32	66	10	127	105	0	0	0	0	0
OVER DRIVE	29	24	68	45	55	0		72	10		104	0			0	0
STEREO OVER DRIVE	10	24	69	46	105	0	41	66	10	127	104	0	0	0	0	0
AMP SIMULATOR	39	1	48	55	0				0	127	112	0		0	0	0
AMP SIMLATOR2	50	3	48	70	0				0	127	0			0	0	0
STEREO AMP SIMULATOR	16	2	46	119	0				0	127	106	0		0	0	0
3-BAND EQ	70	34	60	-	70						0				0	0
2-BAND EQ	28	70	46		0				0	127	34	64		0	0	0
AUTO WAH DISTORTION	70 40	56	39		0		66	46	64	127	30			53	0	0
AUTO WAH+DISTORTION AUTO WAH+OVER DRIVE	48	73 64	26 32	29	0		66 66	46 46	64 64	127 127	29	68		45	48 55	0
PITCH CHANGE	64	04	74		64	0			04		29	127	127	127	0	0
PITCH CHANGE 2	65	50	67	61	87	0			0	32	1	127	127	127	0	0
HARMONIC ENHANCER	44	30	48								0			0	0	0
TOUCH WAH 1	36	0	30						64	127	0				0	0
TOUCH WAH+DISTORTION	36	0	30		0		66	46	64	127	30	0	0	0	0	0
TOUCH WAH+OVER DRIVE	45	18	28	0	0	28	66	46	64	127	29	68	72	45	55	64
TOUCH WAH 2	68	18	60	0	0	28	66	46	64	127	0	72	74	53	57	64
COMPRESSOR	6	2	100		96	0	0	0	0	127	0			0	0	0
NOISE GATE	0		82	50	0	-				127	0				0	0
VOICE CANCEL	0		0						0	64	8				0	0
2WAY ROTARY SPEAKER	16	26	35	70	0		60	45	54	127	31	45		0	0	0
DISTORTION+2WAY ROTARY SP	6	28	30		0		66	56	59	127	36				48	60
OVER DRIVE+2WAY ROTARY SPEAKER	5	28	30		0			56	60	127	33	60			46	50
AMP SIMULATOR+2WAY ROTARY SPEAKER ENSEMBLE DETUNE	8 54	27	29		0		66 0		52 0	127 64	33 28	60 64		64 64	48	52
AMBIENCE	54 114	0	0		0		64	46	64	64	28				0	0
VOCODER HARMONY	114				0	-		84	44	64	39				0	0
CHORDAL HARMONY	0		0		0		1	84	44	64	39	47		0	0	0
DETUNE HARMONY	0	0	0		0		-		0		39	47		0	0	- 0
CHROMATIC HARMONY	0	-	0		0		1		44	64	39	47		0	0	0
TALKING MODULATOR	0		31		0				0		0				0	0
LO-FI	2	60	6	54	5	10	1	1	0	127	0	0	0	0	1	0
DISTORTION+DELAY	2500	3000	3750	74	70	40	48	72	74	127	0	0	0	0	0	0
OVER DRIVE+DELAY	1900	1400	2500		60	29	55	68	72	127	0			0	0	0
COMPRESSOR+DISTORTION+DELAY	3000	72	66		48	72	74	0			6			4	0	0
COMPRESSOR+OVER DRIVE+DELAY	3000	72	66		55	68	72	0		127	6			4	0	0
WAH+DISTORTION+DELAY	1600	84	64	30	48	69	72	0		127	40	0		64	0	0
WAH+OVER DRIVE+DELAY	1600	84	64	24	55	65	70		0		40	0		64	0	0
V DISTORTION HARD	22	3	2		88	0	Ü	V	0		0				0	0
V DISTORTION HARD+DELAY	22 13	3	2			2500			85 0	127 127	46	0			0	0
V DISTORTION SOFT V DISTORTION SOFT+DELAY	13	3	2		98	2500	0		76	127	44	0			0	0
DUAL ROTOR SPEAKER 1	15	18	89	91	54	2300	20	22	52	127	14	72		61	60	0
DUAL ROTOR SPEAKER 2	14	18	91	95	54	22	22	29	64	127	34	64		64	60	0
DISTORTION+TEMPO DELAY	11	86	62	8	88	70	68	64	64	127	0			04	0	0
OVER DRIVE+TEMPO DELAY	11	78	64	10	110	68	70	_	64	127	0			0	0	0
COMPRESSOR+DISTORTION+TEMPO DELAY	11	76	62	10	90	72	74		64	127	4			3	0	0
COMPRESSOR+OVER DRIVE+TEMPO DELAY	11	74	62	9	94	74	74	70	64	127	8		_	3	0	0
WAH+DISTORTION+TEMPO DELAY	11	86	52	10	120	68	64	70	64	127	50			64	0	0
WAH+OVER DRIVE+TEMPO DELAY	11	84	58	16	127	68	65	70	64	127	64	0	30	64	0	0
V DISTORTION HARD+TEMPO DELAY	22		2													0
V DISTORTION SOFT+TEMPO DELAY	14		2				92	77	64	127	66					0
V-FLANGER	5		0		184	28				127					9	5
MULTI BAND COMP BASIC	9		64		64	0								0		0
TEMPO FLANGER	17	10	12		0				64	96					0	0
TEMPO PHASER	17	48	67		0					64	6			0	0	0
DYNA FILTER DYNA FLANGER	122	110			19 65	40 100								64	46 46	64 64
DYNA FLANGER DYNA PHASER	98	0	113			25					6			64 64	46	64
DYNA PHASER DYNA RING MODULATOR	98 70				58	70								64	46	64
RING MODULATOR	98					0					0			64	46	64
SLICE	5		2		64	1					0			64	46	64
ISOLATOR	1	64	64		0										0	0
LOW RESOLUTION	3		66			0					0					0
DIGITAL TURNTABLE	1	20	2			4										0
DIGITAL SCRATCH	80	1800	9			127	46		20		12	0	0	0	0	0
VIBE VIBRATE	69	56	12												1	1
3D MANUAL	64	64	40								0					0
															-	0
3D AUTO WIDE STEREO	64 89		40								0					0

## XG EFFECT PARAMETER DEFAULTS

## Multi EQ Block

TYPE	Param	eter															
	Gain1	Frequency1	Q1	Shape1	Gain2	Frequency2	Q2	Gain3	Frequency3	Q3	Gain4	Frequency4	Q4	Gain5	Frequency5	Q5	Shape5
Flat	64	12	7	0	64	28	7	64	34	7	64	46	7	64	52	7	0
Jazz	58	8	7	0	66	16	3	68	33	3	60	44	5	58	50	7	0
Pops	68	16	7	0	60	24	20	67	34	7	60	40	20	70	48	7	0
Rock	71	16	7	0	68	20	7	60	36	5	68	41	10	66	50	7	0
Concert	67	12	7	0	68	24	7	64	34	5	66	50	7	61	52	7	0

#### **Parameter Addresses**

```
XG PARAMETER CHANGE TABLE (SYSTEM)
Address Size Data
(H) (H) (H)
00 00 00 4 00
00 -7F
                                                                                                                                                                                                                                            Default Value
                                                                                                                                                         Option Description
                                                                                                                                                                       -102.4 - +102.3[cent]
1st bit3-0 bit15-12
2nd bit3-0 bit11-8
3rd bit3-0 bit7-4
4th bit3-0 bit3-0
                                                         MASTER TUNE
                                                                                                                                                                                                                                            00 04 00 00
                                  00 - 7F
00 - 7F
                                  00 - 7F
                 04
05
06
7D
7E
7F
                                                         MASTER VOLUME
                                                                                                                                                                       0 - 127
0 - 127
                                00 - 7F
28 - 58
n
00
00
                                                         MASTER ATTENUATOR
TRANSPOSE
DRUM SETUP RESET
                                                                                                                                                                        -24 - +24[semitones]
                                                                                                                                                                       n=Drum setup number (0 - 3)
00=XG sytem ON
                                                          XG SYSTEM ON
                                                         ALL PARAMETER RESET
 TOTAL SIZE 07
 XG PARAMETER CHANGE TABLE (SYSTEM INFORMATI)
Address Size Data
(H) (H) (H)
01 00 00 E 20 - 7F
                                                                                                                                                         Option Description
                                                                                                                                                                                                                                            Default Value
                                                         Model Name
                                                                                                                                                                       32-127(ASCII)
                                  :
20 - 7F
00
00
0E 1
0F 1
TOTAL SIZE 10
XG PARAMETER CHANGE TABLE (EFFECT 1 )
Address Size Data Parameter
                        Address
(H)
02 01 00
                                                                                                                                                          Option Description
                                                                                                                                                                                                                                            Default Value
                                                                                                                                                                                                                                            (H)
01(=HALL1)
                                                        REVERB TYPE MSB
REVERB TYPE LSB
REVERB PARAMETER 1
REVERB PARAMETER 2
REVERB PARAMETER 3
REVERB PARAMETER 5
REVERB PARAMETER 6
REVERB PARAMETER 6
REVERB PARAMETER 7
REVERB PARAMETER 7
REVERB PARAMETER 7
REVERB PARAMETER 10
                                                                                                                                                                       See XG EFFECT TYPE LIST
02 01 02
03 04
05
06
07
08
09
0A
0B
0C
0D
                                                                                                                                                                         00 : basic type
See XG EFFECT PARAMETER LIST
                                                                                                                                                                       - dB...0dB...+6dB(0...64...127)
L63...C...R63(1...64...127)
02 01 10
11
12
13
14
15
TOTAL SIZE
                                                         REVERB PARAMETER 11
REVERB PARAMETER 12
REVERB PARAMETER 13
REVERB PARAMETER 14
REVERB PARAMETER 15
REVERB PARAMETER 16
                                                                                                                                                                                                                                             depends on reverb type
                                                        CHORUS TYPE MSB
CHORUS TYPE LSB
CHORUS PARAMETER 1
CHORUS PARAMETER 2
CHORUS PARAMETER 3
CHORUS PARAMETER 4
CHORUS PARAMETER 6
CHORUS PARAMETER 6
CHORUS PARAMETER 6
CHORUS PARAMETER 9
CHORUS PARAMETER 9
CHORUS PARAMETER 10
CHORUS PARAMETER 10
CHORUS RETURN
CHORUS RETURN
   02 01 20 2
                                                                                                                                                                        See XG EFFECT PARAMETER LIST
                                 00 - 7F
                                                                                                                                                                        00 : basic type 
 See XG EFFECT PARAMETER LIST
                 22
23
24
25
26
27
28
29
2A
                                                                                                                                                                                                                                            depends on chorus Type
                         1
1
1
1
1
1
0F
                  2B
2C
2D
                                                                                                                                                                       - dB...0dB...+6dB(0...64...127)
L63...C...R63(1...64...127)
- dB...0dB...+6dB(0...64...127)
2E
TOTAL SIZE
                                                         CHORUS PARAMETER 11
CHORUS PARAMETER 12
CHORUS PARAMETER 13
CHORUS PARAMETER 14
CHORUS PARAMETER 15
CHORUS PARAMETER 16
                                  00 - 7F
                                                                                                                                                                       See XG EFFECT PARAMETER LIST
   02 01 30
                         1
1
1
1
1
1
06
                                                                                                                                                                                                                                            depends on chorus Type
35
TOTAL SIZE
 02 01 40 2 00 - 7F
00 - 7F
42 2 00 - 7F
00 - 7F
                                                         VARIATION TYPE MSB
VARIATION TYPE LSB
VARIATION PARAMETER 1 MSB
VARIATION PARAMETER 1 LSB
                                                                                                                                                                       See XG EFFECT TYPE LIST
                                                                                                                                                                                                                                            05(=DELAY L,C,R)
                                                                                                                                                                        00 : basic type 
 See XG EFFECT PARAMETER LIST
                                                                                                                                                                                                                                            depends on variation type
                  44 2
                                                         VARIATION PARAMETER 1 LSB
VARIATION PARAMETER 2 LSB
VARIATION PARAMETER 3 MSB
                                  00 - 7F
                                  00 - 7F
00 - 7F
                  46 2
                                  00 - 7F
00 - 7F
                                                          VARIATION PARAMETER 3 LSB
VARIATION PARAMETER 4 MSB
                   48 2
                                  00 - 7F
00 - 7F
                                                          VARIATION PARAMETER 4 LSB
VARIATION PARAMETER 5 MSB
                  4A 2
                                  00 - 7F
00 - 7F
                                                          VARIATION PARAMETER 5 LSB
VARIATION PARAMETER 6 MSB
                  4C 2
                                  00 - 7F
00 - 7F
                                                          VARIATION PARAMETER 6 LSB
                  4E 2
                                                          VARIATION PARAMETER 7 MSB
                                  00 - 7F
00 - 7F
                                                          VARIATION PARAMETER 7 LSB
                  50 2
                                                          VARIATION PARAMETER 8 MSB
                                                          VARIATION PARAMETER 8 LSB
                  52 2
                                                          VARIATION PARAMETER 9 MSB
                                  00 - 7F
00 - 7F
                                                          VARIATION PARAMETER 9 LSB
                  54
                          2
                                                          VARIATION PARAMETER 10 MSB
                                  00 - 7F
                                                          VARIATION PARAMETER 10 LSB
                                  00 - 7F
01 - 7F
00 - 7F
00 - 7F
                   56
57
                                                          VARIATION RETURN
                                                                                                                                                                            dB...0dB...+6dB(0...64...127)
                                                                                                                                                                       - dB...0dB...+6dB(0...64...127)

- dB...0dB...+6dB(0...64...127)

- dB...0dB...+6dB(0...64...127)

0:INSERTION,1:SYSTEM
                                                          VARIATION PAN
                                                          SEND VARIATION TO REVERB
                                                          SEND VARIATION TO CHORUS
                                  00 - 01
00 - 7F
                                                           VARIATION CONNECTION
                                                          VARIATION PART
                                                                                                                                                                        Part1...64(0...63)
AD1...AD63(64...126)
                                 00 - 7F
00 - 7F
00 - 7F
00 - 7F
                                                         MW VARIATION CONTROL DEPTH
BEND VARIATION CONTROL DEPTH
                                                                                                                                                                       -64 - +63
-64 - +63
                                                                                                                                                                                                                                            40
40
40
40
40
                                                          CAT VARIATION CONTROL DEPTH
ACI VARIATION CONTROL DEPTH
                   5E
5F
                                                                                                                                                                       -64 - +63
-64 - +63
                                                          AC2 VARIATION CONTROL DEPTH
                                                                                                                                                                       -64 - +63
TOTAL SIZE 21
 02 01 61 1 00 - 7F
TOTAL SIZE 01
                                                         CBC1 VARIATION CONTROL DEPTH
                                                                                                                                                        [Opt.] -64 - +63
                                                                                                                                                                                                                                            40
```

```
02 01 62 1 00 - 7F
TOTAL SIZE 01
                                                                                                                   CBC2 VARIATION CONTROL DEPTH
                                                                                                                                                                                                                                                                                                                [Opt.] -64 - +63
        02 01 70
                                                                                                                                                                                                                                                                                                                   [Opt.] See XG EFFECT PARAMETER LIST
                                                                                                                     VARIATION PARAMETER 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      depends on variation type
                                                                   00 - 7F
00 - 7F
00 - 7F
00 - 7F
                                       71
72
73
74
                                                                                                                     VARIATION PARAMETER 12
VARIATION PARAMETER 13
                                                                                                                                                                                                                                                                                                                   [Opt.]
                                                                                                                     VARIATION PARAMETER 14
                                                                                                                   VARIATION PARAMETER 15
VARIATION PARAMETER 16
                                                                    00 - 7F
                                                                                                                                                                                                                                                                                                                   [Opt.]
  TOTAL SIZE 06
                 If multiple variation effects, the second byte of the address gives the effect number.
   XG PARAMETER CHANGE TABLE( MULTI EQ )
                                                                                                                                                                                                                                                                                                                   [Opt.]
Option
  Address Size Data
(H) (H) (H)
02 40 00 1 00 - 04
                                                                                                                                                                                                                                                                                                                                              Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Default Value
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (H)
00
                                                                                                                                                                                                                                                                                                                   [Opt.] 0:FLAT
                                                                                                                                                                                                                                                                                                                                                1:JAZZ
                                                                                                                                                                                                                                                                                                                                                2:POPS
                                                                                                                                                                                                                                                                                                                                                3:ROCK
                                                                                                                                                                                                                                                                                                                                                4:CONCERT
                                                                                                                   EQ gain1
EQ frequency1
EQ Q1
                                    01
02
03
04
05
06
07
08
09
0A
0B
0C
0D
                                                                                                                                                                                                                                                                                                                                              -12 - +12[dB]
32-2000[Hz]
                                                                   04 - 28
01 - 78
00 - 01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0C
07
00
40
1C
07
                                                                                                                                                                                                                                                                                                                                              0.1-12.0
00:shelving, 01:peaking
-12 - +12[dB]
100-10.0[kHz]
                                                                                                                   EQ snape1
EQ gain2
EQ frequency2
EQ Q2
                                                                    0E - 36
01 - 78
                                                                                                                                                                                                                                                                                                                                              0.1-12.0
                                                                                                                                                                                                                                                                                                                                             -12 - +12[dB]
                                                                    34 - 4C
                                                                                                                    EQ gain3
                                                                    0E - 36
01 - 78
                                                                                                                    EQ frequency3
EQ Q3
                                                                                                                                                                                                                                                                                                                                             100-10.0[kHz]
0.1-12.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      22
07
                                                                                                                  EQ Q3
not used
EQ gain4
EQ frequency4
EQ Q4
not used
EQ gain5
EQ frequency5
EQ Q5
EQ shape5
                                                                                                                                                                                                                                                                                                                                              -12 - +12[dB]
                                                                    34 - 4C
                                                                    0E - 36
01 - 78
                                                                                                                                                                                                                                                                                                                                              100-10.0[kHz]
0.1-12.0
                                                                                                                                                                                                                                                                                                                                             -12 - +12IdB1
                                                                    34 - 4C
                                                                                                                                                                                                                                                                                                                                             -12 - +12[dB]

0.5-16.0[kHz]

0.1-12.0

00:shelving, 01:peaking
   TOTAL SIZE
XG PARAMETER CHANGE
Address

Size Data
(H) (H) (H) (H)

03 nn 00 2 00 7F

00 7F

03 1 00 7F

10 00 7F
   XG PARAMETER CHANGE TABLE( EFFECT 2 )
                                                                                                                                                                                                                                                                                                                                              Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Default Value
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (-DISTORTION)
                                                                                                                  INSERTION EFFECT TYPE MSB
INSERTION EFFECT TYPE LSB
INSERTION EFFECT PARAMETER!
INSERTION EFFECT PARAMETER!
INSERTION EFFECT PARAMETERS
INSERTION EFFECT PARAMETERION
INSERT
                                                                                                                    INSERTION EFFECT TYPE MSB
                                                                                                                                                                                                                                                                                                                                              See XG EFFECT TYPE LIST+J63
                                                                                                                                                                                                                                                                                                                                                00 : basic type
See XG EFFECT PARAMETER LIST
                                                                                                                                                                                                                                                                                                                                            n
Part1...64(0...63)
AD1...AD63(64...126)
OFF(127)
-64 - 63
-64 - 63
-64 - 63
-64 - 63
-64 - 63
 0D 1
0E 1
0F 1
10 1
11 1
TOTAL SIZE 12
                                                                                                                   MW INSERTION CONTROL DEPTH
BEND INSERTION CONTROL DEPTH
CAT INSERTION CONTROL DEPTH
AC1 INSERTION CONTROL DEPTH
AC2 INSERTION CONTROL DEPTH
  03 nn 12 1 00 - 7F
TOTAL SIZE 01
                                                                                                                    CBC1 INSERTION CONTROL DEPTH
                                                                                                                                                                                                                                                                                                                 [Opt.] -64 - 63
  03 nn 13 1 00 - 7F
TOTAL SIZE 01
                                                                                                                    CBC2 INSERTION CONTROL DEPTH
                                                                                                                                                                                                                                                                                                                  [Opt.] See XG EFFECT PARAMETER LIST [Opt.] "
[Opt.] "
[Opt.] "
 03 nn 20 1 00 - 7F
21 1 00 - 7F
22 1 00 - 7F
23 1 00 - 7F
24 1 00 - 7F
25 1 00 - 7F
TOTAL SIZE 06
                                                                                                                   INSERTION EFFECT PARAMETER 11
INSERTION EFFECT PARAMETER 12
INSERTION EFFECT PARAMETER 13
INSERTION EFFECT PARAMETER 14
INSERTION EFFECT PARAMETER 15
INSERTION EFFECT PARAMETER 16
                                                                                                                INSERTION EFFECT PARAMETER I MSB
INSERTION EFFECT PARAMETER I LSB
INSERTION EFFECT PARAMETER I LSB
INSERTION EFFECT PARAMETER SMS
INSERTION EFFECT PARAMETER SMS
INSERTION EFFECT PARAMETER SMS
INSERTION EFFECT PARAMETER SMS
INSERTION EFFECT PARAMETER MSB
INSERTION EFFECT PARAMETER SMS
                                                                                                                   INSERTION EFFECT PARAMETER9 LSB
INSERTION EFFECT PARAMETER10 MSB
INSERTION EFFECT PARAMETER10 LSB
                                      42 2
                                                                    00 - 7F
  TOTAL SIZE 14
                 Second byte of the address gives the insertion effect number.
                                 If effect type does not require MSB, accept parameters with addresses 02 to 0B, and ignore parameters with address
                                It eriect type does not require MSB, accept parameters with addresses 02 to 0B, and ignore parameters with addresses 01 feffect type requires MSB, accept parameters with addresses 02 to 02 and ignore parameters with addresses 02 to 0B. Bulk transmissions that include effect-type information will always send parameters at addresses 02 to 0B, but if the effect type requires the MSB, the bulk receiving side shall ignore parameters at addresses 02 to 0B. At present, the following four effect types require MSBs.

Delay L.C.R. Delay L.R. Echo, Cross Delay

"Data range varies according to effect-type value.
   XG PARAMETER CHANGE TABLE( DISPLAY DATA )
                                                                                                                                                                                                                                                                                                                  [Opt.]
Option Description
       Address Size Data
(H) (H)
06 00 00 20 20 - 7F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Default Value
                                                                                                                    DISPLAY LETTER
                                                                                                                                                                                                                                                                                                                [Opt.] 32-127(ASCII)
```

20 - 7F TOTAL SIZE 20 07 vh 00 30 00 - 7F DISPLAY BITMAP Data0 [Opt.] 0 - 127 : 00 - 7F TOTAL SIZE 30 : DISPLAY BITMAP Data47 v : vertical extension (0 to 7) h : horizontal extension (0 to F) Each screen is  $16\times16$  dots, so display can show up to  $256\,\times128$  dots  $(h\times v)$ 

Relation between data and display screen is as follows.

A single data byte gives up to 7 pixels in horizontal direction.

A bit value of 1 means dot is displayed; a value of 0 means not displayed.

Data arrangement on screen is as follows:

b 6 b 5 b 4 b 3 b 2 b 1 b 0

Data0 \*\*\*\*\*\*\*\* Data16 \*\*\*\*\*\*\*

Data1 Data1 Data17

Data2 Data18

Data3 Data19

Data4 Data2

Data6 Data2

Data6 Data2

Data6 Data2

Data6 Data2

Data7 Data2

Data7 Data2

Data7 Data2

Data8 Data2

Data9 Data9

Data9 Data2

Data10 Data2

Data1 Data10 Data2

Data1 Data10 Data2

Data1 Data10 Data2

Data11 Data27

Data11 Data27

Data11 Data27

Data12 Data13 Data29

Data14 Data30

Data15 Data31

For data 32 to 47 only bits 6 and 5 are used

b6 b5 b4 b3 b2 b1 b0
Data32 \* \* \* - - - - Data33
Data33
Data34
Data35
Data36
Data37
Data38
Data39
Data40
Data41
Data42
Data42
Data44
Data45
Data44
Data45
Data44
Data45
Data47

For data 32 to 47, only bits 6 and 5 are used.

It is possible to accept data for any arbitrary subset of pixels (rather than for all pixels). Pixels for which data is not received will retain their previous state. DISPLAY DATA parameter change data can be sent continuously from any location.

XG P.		MET		HANGE TABI Data	LE( MULTI PART ) Parameter	Option	Description	Default Value
(H)				(H)		•	•	(H)
08	pp	00	1	00 - 20	ELEMENT RESERVE		0 - 32	part10=00, other=0
	pp	01	1	00 - 7F	BANK SELECT MSB		0 - 127	part10=7F, other=0
	pp	02	1	00 - 7F	BANK SELECT LSB		0 - 127	00
	pp	03	1	00 - 7F	PROGRAM NUMBER		1 - 128	00
	pp	04	1	00 - 0F,7F	Rcv CHANNEL		1 - 16,OFF	Part No.
	pp	05	1	00 - 01	MONO/POLY MODE		0:MONO 1:POLY	01
	pp	06	1	00 - 02	SAME NOTE NUMBER		0:SINGLE	01
	PP	00		00-02	KEY ON ASSIGN		1:MULTI	01
							2:INST (for DRUM)	
	pp	07	1	00 - 05	PART MODE		0:NORMAL	00 (Part10以外)
	•••						1:DRUM	02 (Part10)
							2 - 5:DRUMS1 - 4	04,05 = [L3-80]
	pp	08	1	28 - 58	NOTE SHIFT		-24 - +24[semitones]	40
	pp	09	2	00 - FF	DETUNE		-12.8 - +12.7[Hz] (if key A3)	08 00
							1st bit3-0 bit7-4	(80)
							2nd bit3-0 bit3-0	
	pp	0B	1	00 - 7F	VOLUME		0 - 127	64
	pp	0C	1	00 - 7F 00 - 7F	VELOCITY SENSE DEPTH VELOCITY SENSE OFFSET		0 - 127 0 - 127	40 40
	pp	0D	1					
	pp	0E	1	00 - 7F	PAN		0:random L63CR63(164127)	40
	pp	0F	1	00 - 7F	NOTE LIMIT LOW		C-2 - G8	00
	pp	10	1	00 - 7F	NOTE LIMIT HIGH		C-2 - G8	7F
	pp	11	î	00 - 7F	DRY LEVEL		0 - 127	7F
	pp	12	1	00 - 7F	CHORUS SEND		0 - 127	00
	pp	13	1	00 - 7F	REVERB SEND		0 - 127	28
	pp	14	1	00 - 7F	VARIATION SEND		0 - 127	00
	pp	15	1	00 - 7F 00 - 7F	VIBRATO RATE VIBRATO DEPTH		-64 - +63 -64 - +63	40 40
	pp pp	16 17	1	00 - 7F	VIBRATO DELAY		-64 - +63	40
	pp	18	1	00 - 7F	FILTER CUTOFF FREQUENCY		-64 - +63	40
	pp	19	1	00 - 7F	FILTER RESONANCE		-64 - +63	40
	pp	1A	1	00 - 7F	EG ATTACK TIME		-64 - +63	40
	pp	1B	1	00 - 7F	EG DECAY TIME		-64 - +63	40
	pp	1C	1	00 - 7F	EG RELEASE TIME		-64 - +63	40
	pp	1D	1	28 - 58	MW PITCH CONTROL		-24 - +24[semitones]	40
	pp	1E	1	00 - 7F	MW FILTER CONTROL		-9600 - +9450[cent]	40
	pp	1F	1	00 - 7F	MW AMPLITUDE CONTROL		-100 - +100[%]	40
	pp	20	1	00 - 7F	MW LFO PMOD DEPTH		0 - 127	0A
	pp	21	1	00 - 7F	MW LFO FMOD DEPTH		0 - 127	00
	pp	22	1	00 - 7F	MW LFO AMOD DEPTH	[Opt.]	0 - 127	00
	pp	23	1	28 - 58	BEND PITCH CONTROL		-24 - +24[semitones]	42
	pp	24	1	00 - 7F	BEND FILTER CONTROL		-9600 - +9450[cent]	40
	pp	25	1	00 - 7F	BEND AMPLITUDE CONTROL		-100 - +100[%]	40
	pp	26	1	00 - 7F	BEND LFO PMOD DEPTH		0 - 127	00
	pp	27 28	1	00 - 7F 00 - 7F	BEND LFO FMOD DEPTH BEND LFO AMOD DEPTH	IO-+ 1	0 - 127 0 - 127	00
TOTA	pp AL SI		29	00 - /r	BEND LFO AMOD DEPTH	[Opt.]	0 - 127	00
08	pp	30	1	00 - 01	RCV PITCH BEND	[Opt.]	OFF/ON	01
	pp	31	1	00 - 01	RCV CH AFTER TOUCH(CAT)	[Opt.]	OFF/ON	01
	pp	32	1	00 - 01	RCV PROGRAM CHANGE	[Opt.]	OFF/ON	01
	pp	33 34	1	00 - 01 00 - 01	RCV CONTROL CHANGE RCV POLY AFTER TOUCH(PAT)	[Opt.]	OFF/ON OFF/ON	01 01
	pp	35	1	00 - 01	RCV NOTE MESSAGE	[Opt.]	OFF/ON	01
	pp pp	36	1	00 - 01	RCV RPN	[Opt.] [Opt.]	OFF/ON	01
	pp	37	1	00 - 01	RCV NRPN	[Opt.]	OFF/ON	01
	pp	38	i	00 - 01	RCV MODULATION	[Opt.]	OFF/ON	01
	pp	39	1	00 - 01	RCV VOLUME	[Opt.]	OFF/ON	01
	pp	3A	1	00 - 01	RCV PAN	[Opt.]	OFF/ON	01
	pp	3B	1	00 - 01	RCV EXPRESSION	[Opt.]	OFF/ON	01
	pp	3C	1	00 - 01	RCV HOLD1	[Opt.]	OFF/ON	01
	pp	3D	1	00 - 01	RCV PORTAMENTO	[Opt.]	OFF/ON	01
	pp	3E 3F	1	00 - 01 00 - 01	RCV SOSTENUTO	[Opt.]	OFF/ON	01 01
	pp pp	3F 40	1	00 - 01	RCV SOFT PEDAL RCV BANK SELECT	[Opt.] [Opt.]	OFF/ON OFF/ON	01
		41	1	00 - 7F	SCALE TUNING C		64 +62[cont]	40
	PP PP	41	1	00 - 7F 00 - 7F	SCALE TUNING C SCALE TUNING C#	[Opt.] [Opt.]	-64 - +63[cent] -64 - +63[cent]	40
	pp	43	1	00 - 7F	SCALE TUNING D	[Opt.]	-64 - +63[cent]	40
	pp	44	1	00 - 7F	SCALE TUNING D#	[Opt.]	-64 - +63[cent]	40
	pp	45	1	00 - 7F	SCALE TUNING E	[Opt.]	-64 - +63[cent]	40
	pp	46	1	00 - 7F	SCALE TUNING F	[Opt.]	-64 - +63[cent]	40
	pp	47	1	00 - 7F	SCALE TUNING F#	[Opt.]	-64 - +63[cent]	40
	pp	48 49	1	00 - 7F	SCALE TUNING G	[Opt.]	-64 - +63[cent]	40 40
	pp	49	1	00 - 7F	SCALE TUNING G#	[Opt.]	-64 - +63[cent]	40

```
pp 4A 1 00 - 7F
pp 4B 1 00 - 7F
pp 4C 1 00 - 7F
                                                                                                         SCALE TUNING A
SCALE TUNING A#
SCALE TUNING B
                                                                                                                                                                                                                                                                                        [Opt.] -64 - +63[cent]
[Opt.] -64 - +63[cent]
[Opt.] -64 - +63[cent]
                                                              00 - 7F
00 - 7F
                                                              28 - 58
00 - 7F
                                 4D
                                                                                                          CAT PITCH CONTROL
                                                                                                                                                                                                                                                                                          [Opt.]
                                                                                                                                                                                                                                                                                                                   -24 - +24[semitones]
                     pp
                                                                                                                                                                                                                                                                                                                                                                                                                                               40
40
40
00
00
00
                                4E
4F
50
51
52
                                                                                                        CAT FILTER CONTROL
CAT AMPLITUDE CONTROL
CAT LFO PMOD DEPTH
CAT LFO FMOD DEPTH
CAT LFO AMOD DEPTH
                                                                                                                                                                                                                                                                                                                 -9600 - +9450[cent]
-100 - +100[%]
0 - 127
                                                                                                                                                                                                                                                                                          [Opt.]
                                                                                                                                                                                                                                                                                                                 0 - 127
0 - 127
                                                                                                                                                                                                                                                                                        [Opt.]
                                                                                                                                                                                                                                                                                        [Opt.] -24 - +24[semitones]

[Opt.] -9600 - +9450[cent]

[Opt.] -100 - +100[%]

[Opt.] 0 - 127

[Opt.] 0 - 127
                                                              28 - 58
00 - 7F
                                                                                                          PAT PITCH CONTROL
                                53
54
55
56
57
58
                                                                                                                                                                                                                                                                                                                                                                                                                                               40
40
40
00
00
00
                     PP
PP
PP
PP
PP
                                                                                                          PAT FILTER CONTROL
PAT AMPLITUDE CONTROL
                                                                                                          PAT LFO PMOD DEPTH
                                                                                                                                                                                                                                                                                                                0 - 127
0 - 127
0 - 127
                                                                                                           PAT LFO FMOD DEPTH
                                                                                                          PAT LFO AMOD DEPTH
                                                                                                          ACI CONTROLLER NUMBER
                                                                                                                                                                                                                                                                                                                                                                                                                                               10
                                59
5A
5B
5C
5D
5E
5F
                                                               00 - 5F
                                                              00 - 5F
28 - 58
00 - 7F
00 - 7F
00 - 7F
00 - 7F
                                                                                                         ACI CONTROLLER NUMBER
ACI PITCH CONTROL
ACI FILTER CONTROL
ACI AMPLITUDE CONTROL
ACI LFO PMOD DEPTH
ACI LFO FMOD DEPTH
ACI LFO AMOD DEPTH
                                                                                                                                                                                                                                                                                                                0 - 95
-24 - +24[semitones]
-9600 - +9450[cent]
-100 - +100[%]
                                                                                                                                                                                                                                                                                         [Opt.]
[Opt.]
[Opt.]
[Opt.]
[Opt.]
                                                                                                                                                                                                                                                                                                                                                                                                                                               40
40
40
00
00
00
                                                                                                                                                                                                                                                                                                                  0 - 127
                                                                                                                                                                                                                                                                                                                0 - 127
0 - 127
                                                                                                                                                                                                                                                                                        [Opt.] 0 - 95

[Opt.] -24 - +24

[Opt.] -9600 - +

[Opt.] -100 - +1

[Opt.] 0 - 127

[Opt.] 0 - 127

[Opt.] 0 - 127
                                                                                                                                                                                                                                                                                                                                                                                                                                               11
                                60
61
62
63
64
65
66
                                                                                                          AC2 CONTROLLER NUMBER
                                                               00 - 5F
                                                              00 - 5F
28 - 58
00 - 7F
00 - 7F
00 - 7F
00 - 7F
                                                                                                         AC2 CONTROLLER NUMBER
AC2 PITCH CONTROL
AC2 FILTER CONTROL
AC2 AMPLITUDE CONTROL
AC2 LFO PMOD DEPTH
AC2 LFO FMOD DEPTH
AC2 LFO AMOD DEPTH
                                                                                                                                                                                                                                                                                                                 -95

-24 - +24[semitones]

-9600 - +9450[cent]

-100 - +100[%]
                                                                                                                                                                                                                                                                                                                                                                                                                                               40
40
40
00
00
00
                                                                                                          PORTAMENTO SWITCH
                                 67 1 00 - 01
68 1 00 - 7F
                                                                                                                                                                                                                                                                                                                 OFF/ON
                                                                                                          PITCH EG INITIAL LEVEL
                                                              00 - 7F
                                                                                                                                                                                                                                                                                                                   -64 - +63
                                6A
6B
6C
6D
6E
                                                              00 - 7F
00 - 7F
00 - 7F
01 - 7F
01 - 7F
                                                                                                           PITCH EG ATTACK TIME
PITCH EG RELEASE LEVEL
                                                                                                                                                                                                                                                                                                                   -64 - +63
-64 - +63
-64 - +63
                                                                                                           PITCH EG RELEASE TIME
                                                                                                          VELOCITY LIMIT HIGH
  pp 6l
TOTAL SIZE
                                                                                                                                                                                                                                                                                                                    Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                Default Value
  \begin{array}{lll} \hbox{[Opt.]} & -24 - +24 (semitones) \\ \hbox{[Opt.]} & -64 - +63 \\ \hbox{[Opt.]} & -64 - +63 (-12 - +12 [dB]) \\ \hbox{[Opt.]} & -64 - +63 (-12 - +12 [dB]) \end{array} 
                                                                                                          REND PITCH I OW CONTROL
                                                                                                         FILTER EG DEPTH
EQ BASS
EQ TREBLE
                                                                                                          For EQ BASS/EQ TREBLE, the VL70-m spec controls multiple bands; maximum is -12 - +12[dB].
                                            NAL PARAME

Size Data
(H) (H)

1 00 - 7F

1 00 - 7F

1 04 - 28

1 0E - 36

1 0E - 36

1 01 - 78

1 01 - 78

1 01 - 78

1 01 - 78

1 00 - 01

00 - 01
                                                                                                                                                                                                                                                                                         [Opt.]
Option Description
   XG ADDITIONAL PARAMETER CHANGE TABLE( MULTI PART )
                                                                                                                                                                                                                                                                                                                                                                                                                                               Default Value
 (H)

08 pp 74

75
76
77
78
79
7A
7B
7C
7D
7E
7F
TOTAL SIZE
                                                                                                                                                                                                                                           (NOT USED) [Opt.] -64 +63(-12 +12[dB])
(NOT USED) [Opt.] -64 +65(-12 +12[dB])
[Opt.] 50-16 (M[Hz]
(NOT USED) [Opt.] 100-10 (M[Hz]
(NOT USED) [Opt.] 100-10 (M[Hz]
(NOT USED) [Opt.] 101-10 (M[Hz]
(NOT USED) [Opt.] 0.1-12.0
(NOT USED) [Opt.] 0.0-1820
(NOT USED) [Opt.] 0.0-1820
(NOT USED) [Opt.] 0.0-1820
(NOT USED) [Opt.] 0.0-1840
(NOT USED) [Opt.
                                                                                                         EQ MID-BASS
EQ MID-TREBLE
EQ BASS frequency
EQ TREBLE frequency
EQ MID-BASS frequency
EQ MID-TREBLE frequency
EQ MID-TREBLE frequency
EQ MID-TREBLE Q
EQ MID-TREBLE EQ
EQ EQ MID-TREBLE EQ
EQ EQ TREBLE Shape
  0A pp 10 1 00 - 67
TOTAL SIZE 01
                                                                                                         OUTPUT SELECT
   Note: If the received OUTPUT SELECT value is not supported, the value shall be understood to select Stereo Output 1.
  0A pp 20 1 00 - 7F
21 1 00 - 7F
TOTAL SIZE 02
                                                                                                         HIGH PASS FILTER CUTOFF FREQUENCY HIGH PASS FILTER RESONANCE
 MW HPF CONTROL DEPTH
BEND HPF CONTROL DEPTH
CAT HPF CONTROL DEPTH
PAT HPF CONTROL DEPTH
ACI HPF CONTROL DEPTH
AC2 HPF CONTROL DEPTH
                                                                                                                                                                                                                                             (NOT USED) [Opt.] -64 - +63
                            Addresses A nn 28 to 3F are reserved for future filter additions.
 0A pp 30 1 00 - 5F
31 1 24 - 58
32 1 00 - 7F
33 1 1 00 - 7F
34 1 00 - 7F
35 1 00 - 7F
TOTAL SIZE 07
                                                                                                        CBC1 Control Number
CBC1 Pitch Control
CBC1 LPF Control
CBC1 Amplitude Control
CBC1 LFO PMod Control Depth
CBC1 LFO FMod Control Depth
CBC1 LFO AMod Control Depth
                                                                                                                                                                                                                                                                                                                 0 - 95

-24 - +24[semitones]

-64(-9600) - +63(9450)[cent]

-100 - +100[%]

0 - 127

0 - 127

0 - 127
     0A pp 38 1
                                                                                                                                                                                                                                                                                                                0 - 95

-24 - +24[semitones]

-64(-9600) - +63(9450)[cent]

-100 - +100[%]

0 - 127

0 - 127
 39 1
38 1
38 1
3C 1
3D 1
3E 1
TOTAL SIZE 07
                                                               24 - 58
00 - 7F
00 - 7F
00 - 7F
                                                                                                          CBC2 Pitch Control
CBC2 LPF Control
                                                                                                         CBC2 LFO Control
CBC2 LFO PMod Control Depth
CBC2 LFO FMod Control Depth
CBC2 LFO AMod Control Depth
                                                                                                                                                                                                                                                                                                                                                                                                                                               00
00
                                                              00 - 7F
                                                                                                                                                                                                                                                                                                                   0 - 127
  0A pp 40 1
                                                              00 - 7F
0A pp 40 1 00 - /F

41 1 00 - 7F

42 1 00 - 7F

43 1 00 - 7F

44 1 00 - 7F

TOTAL SIZE 6
                                                                                                                                                                                                                                                                                                                 -100 - 100[%]
-100 - 100[%]
-100 - 100[%]
                                                                                                          BEND OFFSET LEVEL CONTROL CAT OFFSET LEVEL CONTROL
                                                                                                         PAT OFFSET LEVEL CONTROL
                                                                                                         AC1 OFFSET LEVEL CONTROL
AC2 OFFSET LEVEL CONTROL
  pp = PartNumber
  If drum part, the following parameters have no effect. 
 BANK SELECT LSB
```

· SOFT PEDAL

4

XG PARAMETER CHANGE TABLE( MULTI PART for VL )

· MONO/POLY · SCALE TUNING · POLY AFTER TOUCH · PITCH EG

XG PARAMET Address		HANGE TABLI Data	E( MULTI PART for VL ) Parameter	[Opt.] Option	Description	Default Value
(H)	(H)	(H)				(H)
09 pp 00 01		00 - 01	NOTE ASSIGN reseved	[Opt.]	OFF/ON	01
02		00 - 0F,7F	NOTE FILTER	[Opt.]	chl - chl6,THRU	7F
03		00 - 62	PRESSURE CONTROL NO.	[Opt.]	off - 95, AT, VELOCTIY, PB	00
04		00 - 7F	PRESSURE CONTROL DEPTH	[Opt.]	-64 - +63	40
05 06		00 - 62 00 - 7F	EMBOUCHURE CONTROL NO. EMBOUCHURE CONTROL DEPTH	[Opt.] [Opt.]	off - 95, AT, VELOCTIY, PB -64 - +63	00 40
07		00 - 62	TONGUING CONTROL NO.	[Opt.]	off - 95, AT, VELOCTIY, PB	00
08		00 - 7F	TONGUING CONTROL DEPTH	[Opt.]	-64 - +63	40
09 0A		00 - 62 00 - 7F	SCREAM CONTROL NO. SCREAM CONTROL DEPTH	[Opt.] [Opt.]	off - 95, AT, VELOCTIY, PB -64 - +63	00 40
0B		00 - 62	BREATH CONTROL NO.	[Opt.]	off - 95, AT, VELOCTIY, PB	00
0C		00 - 7F	BREATH CONTROL DEPTH	[Opt.]	-64 - +63	40
0D 0E		00 - 62 00 - 7F	GROWL CONTROL DEPTH	[Opt.]	off - 95, AT, VELOCTIY, PB -64 - +63	00 40
0F		00 - 7F 00 - 62	GROWL CONTROL DEPTH THROAT FORMANT CONTROL NO.	[Opt.] [Opt.]	off - 95, AT, VELOCTIY, PB	00
10	1	00 - 7F	THROAT FORMANT CONTROL DEPTH	[Opt.]	-64 - +63	40
11	1	00 - 62 00 - 7F	HARMONIC ENHANCER CONTROL NO. HARMONIC ENHANCER CONTROL DEPTH	[Opt.]		00 40
12		00 - 7F 00 - 62	DAMPING CONTROL NO.	[Opt.] [Opt.]	-64 - +63 off - 95, AT, VELOCTIY, PB	00
14	1	00 - 7F	DAMPING CONTROL DEPTH	[Opt.]	-64 - +63	40
15		00 - 62 00 - 7F	ABSORPTION CONTROL NO. ABSORPTION CONTROL DEPTH	[Opt.]	off - 95, AT, VELOCTIY, PB	00 40
TOTAL SIZE		00 - /1	ABSORT HON CONTROL DEFTH	[Opt.]	-64 - +63	40
VC DADAMET	ED C	HANGE TABLE	E(ADBART)	[Opt 1		
Address		Data	Parameter	[Opt.] Option	Description	Default Value
(H)	(H)	(H)				(H)
10 pp 00		00 - 01	INPUT GAIN	[Opt.]	0:MIC,1:LINE	00
01		00 - 7F 00 - 7F	BANK SELECT MSB BANK SELECT LSB	[Opt.] [Opt.]	0 - 127 0 - 127	00 00
03	1	00 - 7F	PROGRAM NUMBER	[Opt.]	1 - 128	00
04	1	00 - 1F,7F	Rev CHANNEL	[Opt.]	A1 - A16,B1 - B16,OFF	7F
05 06			NOT USED NOT USED	[Opt.]		
07			NOT USED NOT USED	[Opt.] [Opt.]		
08	1		NOT USED	[Opt.]		
09			NOT USED	[Opt.]		
0A 0B		00 - 7F	NOT USED VOLUME	[Opt.] [Opt.]	0 - 127	00
0C	1		NOT USED	[Opt.]	-	
0D		01. 75	NOT USED	[Opt.]	LC2 C DC2(1 C4 127)	40
0E 0F		01 - 7F	PAN NOT USED	[Opt.] [Opt.]	L63CR63(164127)	40
10			NOT USED	[Opt.]		
11	1	00 - 7F	DRY LEVEL	[Opt.]	0 - 127	7F
12 13		00 - 7F	CHORUS SEND	[Opt.]	0 - 127	00 00
	1	00 - 7F 00 - 7F	REVERB SEND VARIATION SEND	[Opt.] [Opt.]	0 - 127 0 - 127	00
TOTAL SIZE				[p-1		
10 20	,		NOT USED	10-41		
10 pp 30 31			NOT USED NOT USED	[Opt.] [Opt.]		
32		00 - 01	Rcv PROGRAM CHANGE	[Opt.]	OFF/ON	01
33		00 - 01	Rcv CONTROL CHANGE	[Opt.]	OFF/ON	01
34			NOT USED	[Opt.]		
35 36			NOT USED NOT USED	[Opt.] [Opt.]		
37	1		NOT USED	[Opt.]		
38		00 01	NOT USED	[Opt.]	OFFICE	0.1
39 3A		00 - 01 00 - 01	Rev VOLUME Rev PAN	[Opt.] [Opt.]	OFF/ON OFF/ON	01 01
3B		00 - 01	Rcv EXPRESSION	[Opt.]	OFF/ON	01
3C			NOT USED	[Opt.]		
3D 3E			NOT USED NOT USED	[Opt.] [Opt.]		
3F			NOT USED	[Opt.]		
40	1	00 - 01	Rev BANK SELECT	[Opt.]	OFF/ON	01
41	1		NOT USED	[Opt.]		
42			NOT USED	[Opt.]		
43			NOT USED	[Opt.]		
44	1		NOT USED	[Opt.]		
45 46			NOT USED NOT USED	[Opt.] [Opt.]		
47	1		NOT USED	[Opt.]		
48			NOT USED	[Opt.]		
49 4A	1		NOT USED NOT USED	[Opt.] [Opt.]		
4B			NOT USED	[Opt.]		
4C	1		NOT USED	[Opt.]		
4D	1		NOT USED	[Opt.]		
4D 4E			NOT USED NOT USED	[Opt.]		
4F	1		NOT USED	[Opt.]		
50			NOT USED	[Opt.]		
51 52	1		NOT USED NOT USED	[Opt.] [Opt.]		
53	1		NOT USED	[Opt.]		
54 55			NOT USED NOT USED	[Opt.] [Opt.]		
56			NOT USED	[Opt.]		
57	1		NOT USED	[Opt.]		
58	1		NOT USED	[Opt.]		
59	1	00 - 5F	ACI CONTROLLER NUMBER	[Opt.]	0 - 95	10
5A	1		NOT USED	[Opt.]		-
5B			NOT USED	[Opt.]		
5C 5D			NOT USED NOT USED	[Opt.] [Opt.]		
5D 5E			NOT USED NOT USED	[Opt.]		
5F			NOT USED	[Opt.]		
		00 55	A CO CONTEDUTED NEW PET		0.05	
60 TOTAL SIZE		00 - 5F	AC2 CONTROLLER NUMBER	[Opt.]	U - 93	11
TOTAL SIZE						
pp = AD Part N	umber					
	umber					
pp = AD Part N		HANGE TABL	E( AD PART CONFIGURATION )			
pp = AD Part N XG PARAMET Address	ER C Size	Data	E( AD PART CONFIGURATION ) Parameter		Description	Default Value
pp = AD Part N  XG PARAMET  Address (H)	ER C Size (H)	Data (H)	Parameter	IOes 1	-	(H)
pp = AD Part N XG PARAMET Address	ER C Size (H)	Data (H)		[Opt.]	Description 0: MONO	

[Opt.]

					1: STEREO	and program number, other parts=00
TOTAL SIZE 01 This parameter i	s effective only	if AD Part Number is even.				and program names, once parts—ov
11 pp 01 3	00 - 7F	INPUT CATEGORY		[Opt.]	Off, Analog, USB, mLan, Y2(MEL), S/PDIF, AES/EBU, ADAT, TASCAM, Undefind (9-63) PCI1PCI62(64-126),	depends on the model
	00 - 7F	INPUT SUB CATEGORY		[Opt.]	Ext. Device(127)	depends on the model
	00 - 7F	INPUT SERIAL NUMBER		[Opt.]		depends on the model
TOTAL SIZE 03 NOT initialized						
pp = AD Part Number	r					
		E( AD PART ADDITIONAL )		[Opt.]		
	Data (H) 00 - 5F	Prameter  CBC1 Control Number		[Opt.]	Description 0 - 95	Default Value (H) 16
TOTAL SIZE 01		CBC1 Control Number		[Opt.]	0-93	10
12 pp 38 1 TOTAL SIZE 01	00 - 5F	CBC2 Control Number		[Opt.]	0 - 95	16
pp = AD Part Number	r					
XG PARAMETER C	HANGE TABL	E( DRUM SETUP )				
Address Size	Data (H)	Parameter		Option	Description	Default Value (H)
3n rr 00 1 3n rr 01 1	00 - 7F 00 - 7F	PITCH COARSE PITCH FINE			-64 - +63 -64 - +63[cent]	40 40
3n rr 02 1	00 - 7F	LEVEL			0 - 127	depends on the note
3n rr 03 1	00 - 7F	ALTERNATE GROUP			0:OFF 1 - 127	depends on the note
3n rr 04 1	00 - 7F	PAN			0:random 1:L63	depends on the note
					:	
					64:C(center) :	
3n rr 05 1	00 - 7F	REVERB SEND			127:R63 0 - 127	depends on the note
3n rr 06 1 3n rr 07 1	00 - 7F 00 - 7F	CHORUS SEND VARIATION SEND			0 - 127 0 - 127	depends on the note 7F
3n rr 08 1	00 - 01	KEY ASSIGN			0:SINGLE 1:MULTI	00
3n rr 09 1 3n rr 0A 1	00 - 01 00 - 01	Rev NOTE OFF Rev NOTE ON			OFF/ON OFF/ON	depends on the note 01
3n rr 0B 1 3n rr 0C 1	00 - 7F 00 - 7F	FILTER CUTOFF FREQUENCY			-64 - +63 -64 - +63	40 40
3n rr 0D 1	00 - 7F	FILTER RESONANCE EG ATTACK			-64 - +63	40
3n rr 0E 1 3n rr 0F 1	00 - 7F 00 - 7F	EG DECAY1 EG DECAY2			-64 - +63 -64 - +63	40 40
TOTAL SIZE 10						
Address Size	Data	HANGE TABLE( DRUM SETUP ) Parameter		[Opt.] Option	Description	Default Value
(H) (H) 3n rr 20 1	(H) 00 - 7F	EQ BASS		[Opt.]	-64 - +63(-12 - +12[dB])	(H) 40
21 1 22 1	00 - 7F 00 - 7F	EQ TREBLE	(NOT USED)	[Opt.]	-64 - +63(-12 - +12[dB])	40 40
23 1	00 - 7F	EQ MID-BASS EQ MID-TREBLE	(NOT USED)	[Opt.]	-64 - +63(-12 - +12[dB]) -64 - +63(-12 - +12[dB])	40
24 1 25 1	04 - 28 1C - 3A	EQ BASS frequency EQ TREBLE frequency		[Opt.] [Opt.]	32-2.0k[Hz] 500-16.0k[Hz]	0C 36
26 1 27 1	0E - 36 0E - 36	EQ MID-BASS frequency EQ MID-TREBLE frequency	(NOT USED) (NOT USED)	[Opt.]	100-10.0k[Hz] 100-10.0k[Hz]	22 2E
28 1	01 - 78	EQ BASS Q	(NOT USED)	[Opt.]	0.1-12.0	07
2A 1		EQ TREBLE Q EQ MID-BASS Q	(NOT USED) (NOT USED)	[Opt.]	0.1-12.0 0.1-12.0	07 07
2B 1 2C 1	01 - 78 00 - 01	EQ MID-TREBLE Q EQ BASS shape	(NOT USED) (NOT USED)		0.1-12.0 00:shelving, 01:peaking	07 00
2D 1 TOTAL SIZE 0F	00 - 01	EQ TREBLE shape	(NOT USED)		00:shelving, 01:peaking	00
3n rr 40 1	00 - 67	OUTPUT SELECT		[Opt.]	0-7 : Stereo1-8,	00
TOTAL SIZE 01	00 - 07	OUT OF SELECT		[Opt.]	8-39 : Ind1+2,Ind63+64, 40-103 : Ind1-Ind64	00
Note: If the recei	ved OUTPUT S	ELECT value is not supported, the value shall be u	understood to sel	lect Stere		
3n rr 50 1	00 - 7F	HIGH PASS FILTER CUTOFF FREQUENCY		[Opt.]	-64 - +63	40
51 1	00 - 7F 00 - 7F	HIGH PASS FILTER CUTOFF FREQUENCY HIGH PASS FILTER RESONANCE	(NOT USED)		-64 - +63 -64 - +63	40
TOTAL SIZE 02	_					
Suggested:		ess 3n rr 52 to 5F for future filter additions.				
3n rr 60 1 61 1	30 - 50 30 - 50	VELOCITY PITCH SENSE VELOCITY LPF CUTOFF SENSE		[Opt.] [Opt.]	-16 - +16 -16 - +16	depends on the note depends on the note
TOTAL SIZE 02						•
3n rr 70 4	7E - 7F 00 - 7F	SOURCE DRUM KIT(Bank select MSB) SOURCE DRUM KIT(Bank select LSB)	(NOT USED) (NOT USED)		126:SFX kit, 127:Drum kit	depends on the note depends on the note
	00 - 7F 0D - 5B	SOURCE DRUM KIT(Program number) SOURCE DRUM KIT(Note number)	(NOT USED) (NOT USED)	[Opt.]		depends on the note depends on the note
TOTAL SIZE 04 This message is used			(NOT COLD)	[Opt.]		depends on the note
-	I for Switching t	ine drum kit.				
[Note] n = Drum Setup Num	ber At least two	o setups must be provided. n=2,3: [Opt.]				
rr = Note Number (0E	O - 5B)	M System On message, all drum setup parameters	are reinitialized			
	et message can b	be used to initialized the drum setup parameters.				
Drain Kit program chi	ье гезова ше и					
XG PARAMETER C				[Opt.]	Description	Defects Veloc
(H) (H)	Data (H)	Parameter		Option	Description	Default Value (H)
70 nn mm 1 TOTAL SIZE 01	00 - 7F	Part Assign		[Opt.]	Part1 - Part16, OFF	00
		This message specifies the part to which the plug	gin specified by	Address N	Mid, Low is assigned.	
71 nn pp 1	00 - 0F	Note Filter		[Opt.]	Part1 - Part16	
TOTAL SIZE 01		If the plugin specified by Address Mid has been		part speci	fied by Address Low,	
		the Part Note On messages designated by the da (To do this, the part's RcvNote Messages must b	ata are ignored.	-		
		parts restrote messages must t				

nn = PB Type LSB (0:PLG100-VL, 1:PLG100-SG, 2:PLG100-DX ...)

 $mm = Board \ identifer \ (sequential \ number \ used \ to \ distinguish \ among \ multiple \ identical \ PBs \ on \ a \ given \ device), \\ pp = Part \ Number$ 

The following indications are used to indicate whether features are mandatory or optional:

Unmarked Mandatory Parameter (on XG)
[Opt.] Optional Parameter

### Melody Voice Map (NORMAL VOICES)

					KSP			Stereo			Single		
Bank Select MSB		0			0			0			0		
Bank Select LSB		0			1			3			6		
Instrument Group	PGM#	Name	E	О	Name	E	О	Name	E	0	Name	E	0
Piano	1	Grand Piano	1		Grand Piano KSP	1							
	2	Bright Piano	1		Bright Piano KSP	1		Stereo Bright Piano	2	+			
	3	Electric Grand Piano	2		Electric Grand Piano KSP	2							
	4	Honky-tonk Piano	2		Honky-tonk Piano KSP	2							
	5	Electric Piano 1	2		Electric Piano 1 KSP	1							
	6	Electric Piano 2	2		Electric Piano 2 KSP	1							
	7	Harpsichord	1		Harpsichord KSP	1							
	8	Clavi	2		Clavi KSP	1							
Chromatic	9	Celesta	1										
Percussion	10	Glockenspiel	1										
	11	Music Box	2										
	12	Vibraphone	1		Vibraphone KSP	1							
	13	Marimba	1		Marimba KSP	1							
	14	Xylophone	1										П
	15	Tubular Bells	1										П
	16	Dulcimer	1	t									
Organ	17	Drawbar Organ	1	1				Stereo Drawbar Organ	2	+			
ŭ	18	Percussive Organ	1	t									
	19	Rock Organ	2	t									
	20	Church Organ	2	t									
	21	Reed Organ	1	t						۱			
	22	Accordion	2	1									Н
	23	Hamonica	1										
	24	Tango Accordion	2										Н
Guitar	25	Nylon Guitar	1	-								1	+
Guitai	26	Steel Guitar	1	-									Н
	27	Jazz Guitar	1	-									Н
	28	Clean Guitar	1	-									Н
	29	Muted Guitar	1	-									Н
			_	-									Н
	30	Overdriven Guitar	1	-									Н
	31	Distortion Guitar Guitar Harmonics	1	-									Н
D.	33		_									-	+
Bass		Acoustic Bass	1										
	34	Finger Bass	1									٠.	
	35	Pick Bass	1	-							Pick Bass 2	1	+
	36	Fretless Bass	1										
	37	Slap Bass 1	1	-									+
	38	Slap Bass 2	1										-
	39	Synth Bass 1	1										
	40	Synth Bass 2	2								Mellow Synth Bass	1	_
Strings	41	Violin	1										
	42	Viola	1										
	43	Cello	1	1									
	44	Contrabass	1	1									
	45	Tremolo Strings	1	1									
	46	Pizzicato Strings	1	1									
	47	Orchestral Harp	1	1									
	48	Timpani	1	1									Ŧ.
Ensemble	49	Strings 1	1	1				Stereo Strings	2				
	50	Strings 2	1	1				Stereo Slow Strings	2				
	51	Synth Strings 1	2	1									
	52	Synth Strings 2	2	1									
	53	Choir Aahs	1	1				Stereo Choir	2	L			
	54	Voice Oohs	1	1									
	55	Synth Voice	1	1									
	56	Orchestra Hit	2										
Brass	57	Trumpet	1										
	58	Trombone	1	╚									
	59	Tuba	1	╚									
	60	Muted Trumpet	1	╚									
	61	French Horn	1								French Horn Solo	1	$\Gamma$
	62	Brass Section	1					Stereo Brass Section	2	+			
	63	Synth Brass 1	2										

- Same as Bank 0
  - E Standard Number of Element

  - O Option
    Blank : XG Standard, XGLite Standard
    - +: XG Option, XGLite Option
      -: XG Standard, XGLite Option

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Brass Section

Synth Brass 2

Bank Select MSB Bank Select LSB 14 Instrument Group PGM# E O E O Grand Piano 1 1 1 2 2 2 2 2 1 2 Bright Piano Electric Grand Piano Honky-tonk Piano Electric Piano 1 Electric Piano 2 Chorus Electric Piano Decay Harpsichord Clavi 9 10 1 1 2 Chromatic Celesta Glockenspiel 11 Music Box 12 13 Vibraphone 1 14 Xylophone Tubular Bells 15 Dulcimer
Drawbar Organ
Percussive Organ 16 17 Organ 1 18 Rock Organ Church Organ 19 20 21 22 Reed Organ Accordion 23 24 Hamonica Tango Accordion Nylon Guitar 25 1 26 27 Steel Guitar Jazz Guitar 1 28 29 Clean Guita Muted Guitar 30 Overdriven Guitar 31 Distortion Guitar 1 istorted Rhythm Guitar 2 Guitar Harmonic Acoustic Bass Finger Bass Pick Bass 33 34 1 35 36 37 38 Fretless Bass Slap Bass 1 1 1 1 Slap Bass 2 Synth Bass 1 40 Synth Bass 2 nced Bas 41 1 Violin Viola 1 43 Cello 44 Slow Tremolo Strings 45 46 Tremolo Strings Pizzicato Strings 1 Orchestral Harp Timpani Strings 1 47 48 49 50 Strings 2 Synth Strings 1 Legato Strings Memory 52 53 Synth Strings 2 Choir Aahs Voice Oohs 54 55 56 Synth Voice 2 Orchestra Hit o-Fi Hit 1 1 1 57 58 Trumpet 59 Tuba 60 Muted Trumpet 61 French Horn 1 2 1

Sforzando Brass

D 1 0 1 - MCD					Bright 1			Bright 2			Dark 1		_
Bank Select MSB		0			0			0			0		_
Bank Select LSB		0	-		16	-		17			18		_
Instrument Group	PGM#	Name	E	0	Name	E	0	Name	Е	О	Name	E	
Piano	1	Grand Piano	1								Mellow Grand Piano	1	Ŀ
	2	Bright Piano	1										H
	3	Electric Grand Piano	2										1
	4	Honky-tonk Piano	2										
	5	Electric Piano 1	2								Mellow Electric Piano 1	2	ŀ
	6	Electric Piano 2	2										1
	7	Harpsichord	1										1
	8	Clavi	2										
Chromatic	9	Celesta	1										1
Percussion	10	Glockenspiel	1										1
	11	Music Box	2										1
	12	Vibraphone	1										1
	13	Marimba	1										
	14	Xylophone	1										
	15	Tubular Bells	1										I
	16	Dulcimer	1										I
Organ	17	Drawbar Organ	1										T
	18	Percussive Organ	1	Ī			Г						ľ
	19	Rock Organ	2	T									t
	20	Church Organ	2	t			П						f
	21	Reed Organ	1	t									t
	22	Accordion	2										t
	23	Hamonica	1										t
	24	Tango Accordion	2	H									t
Guitar	25	Nylon Guitar	1	-	Nylon Guitar 2	1			1			_	۰
Junai	26	Steel Guitar	1	1	Steel Guitar 2	1	-						H
	27	Jazz Guitar	1	$\vdash$	Steer Guitar 2	1	-				Mellow Guitar	1	۰
				$\vdash$							Mellow Gultar	1	H
	28 29	Clean Guitar Muted Guitar	1	H		_							H
				H									ł
	30	Overdriven Guitar	1	H									H
	31	Distortion Guitar	1	H									ł
	32	Guitar Harmonics	1	_			_		_				L
Bass	33	Acoustic Bass	1										#
	34	Finger Bass	1	_							Finger Dark	2	L
	35	Pick Bass	1										1
	36	Fretless Bass	1										1
	37	Slap Bass 1	1										1
	38	Slap Bass 2	1		Bright Slap Split	2	+						1
	39	Synth Bass 1	1								Synth Bass 1 Dark	1	L
	40	Synth Bass 2	2								Click Synth Bass	2	L
Strings	41	Violin	1										
	42	Viola	1										
	43	Cello	1	$L^{-}$									ſ
	44	Contrabass	1										I
	45	Tremolo Strings	1										I
	46	Pizzicato Strings	1										ı
	47	Orchestral Harp	1										ı
	48	Timpani	1										ı
Ensemble	49	Strings 1	1										T
	50	Strings 2	1	T									t
	51	Synth Strings 1	2	t							Zephyr	2	f
	52	Synth Strings 2	2	t							17	Ť	t
	53	Choir Aahs	1	t	Choir Aahs 2	2							f
	54	Voice Oohs	1	<del>                                     </del>		Ť	h						f
	55	Synth Voice	1	H			H						ł
	56	Orchestra Hit	2	H			H						f
Drans	57			1	Trumpat 2	1		Deight To	2	F			Ŧ
Brass	57	Trumpet	1	1	Trumpet 2	1	Ė	Bright Trumpet	2	Ė	T1	2	#
		Trombone	1	$\vdash$	Tub. 2	-					Trombone 2	2	ł
	59	Tuba	1	$\vdash$	Tuba 2	1	Ė						H
	60	Muted Trumpet	1	$\vdash$			H						H
	61	French Horn	1	$\vdash$			H				MILE		4
	62	Brass Section	1	1							Mild Brass	2	ļ
	63	Synth Brass 1	2	1									4
	64	Synth Brass 2	1	L							Soft Brass	2	

					Dark 2			Resonant			LFO - Cutoff Freq		
Bank Select MSB		0			0			0			0		
Bank Select LSB		0			19			20			21		_
Instrument Group	PGM#	Name	E	О	Name	Е	О	Name	E	0	Name	Е	0
Piano	1	Grand Piano	1										L
	2	Bright Piano	1					Resonant Bright Piano	1	+			L
	3	Electric Grand Piano	2										1
	4	Honky-tonk Piano	2						4				L
	5	Electric Piano 1	2									Н	L
	6	Electric Piano 2	2						-				L
	7	Harpsichord	1									H	H
	8	Clavi	2						+			-	╄
Chromatic	9	Celesta	1						-				H
Percussion	10	Glockenspiel	1									H	H
	11	Music Box	2						+			Н	H
		Vibraphone	1						+			Н	H
	13	Marimba	1						+			Н	H
	15	Xylophone Tubular Bells	1						+			Н	H
			1						+			Н	H
Organ	16	Dulcimer Drowber Organ	_	$\vdash$								۰	۲
Organ	17	Drawbar Organ	1	$\vdash$									H
	18	Percussive Organ Rock Organ	2	H								F	H
	20		2	$\vdash$								F	H
	21	Church Organ Reed Organ	1	H									H
	22	Accordion	2	H								F	H
	23	Hamonica	1	$\vdash$									f
	24	Tango Accordion	2	H								F	f
Guitar	25	Nylon Guitar	1			+			+			-	۰
Guitai	26	Steel Guitar	1									Н	Н
	27	Jazz Guitar	1									Н	t
	28	Clean Guitar	1										Ħ
	29	Muted Guitar	1									Н	t
	30	Overdriven Guitar	1										t
	31	Distortion Guitar	1										t
	32	Guitar Harmonics	1									П	t
Bass	33	Acoustic Bass	1			+			+			+	t
	34	Finger Bass	1									Н	t
	35	Pick Bass	1									Н	t
	36	Fretless Bass	1										T
	37	Slap Bass 1	1								Cosmic Slap	2	+
	38	Slap Bass 2	1								•		İ
	39	Synth Bass 1	1					Fast Resonant Bass	1	-	TL66	2	+
	40	Synth Bass 2	2		Synth Bass 2 Dark	1							T
Strings	41	Violin	1									Т	Г
	42	Viola	1										ſ
	43	Cello	1	П								F	ſ
	44	Contrabass	1	Ĺ									ſ
	45	Tremolo Strings	1										Ī
	46	Pizzicato Strings	1										ſ
	47	Orchestral Harp	1										ſ
	48	Timpani	1										
Ensemble	49	Strings 1	1										Γ
	50	Strings 2	1										ſ
	51	Synth Strings 1	2										ſ
	52	Synth Strings 2	2								Trade Wind	2	Ŀ
	53	Choir Aahs	1	Ľ									I
	54	Voice Oohs	1										ſ
	55	Synth Voice	1										I
	56	Orchestra Hit	2										
Brass	57	Trumpet	1										ſ
	58	Trombone	1										ſ
	59	Tuba	1	L									ſ
	60	Muted Trumpet	1										ſ
	61	French Horn	1	L									I
	62	Brass Section	1										ſ
	63	Synth Brass 1	2	$L^{-}$				Resonant Synth Brass	2	Γ			ſ
	64	Synth Brass 2	1										a de la

					Vel - Cutoff Freq			Attack			Release			Sweep		
Bank Select MSB		0			0			0			0			0		
Bank Select LSB		0			22			24			25			26		
Instrument Group	PGM#	Name	E	0	Name	E	О	Name	Е	О	Name	Е	$\mathbf{o}$	Name	Е	0
Piano	1	Grand Piano	1													
	2	Bright Piano	1													
	3	Electric Grand Piano	2													
	4	Honky-tonk Piano	2													L
	5	Electric Piano 1	2													
	6	Electric Piano 2	2													
	7	Harpsichord	1								Harpsichord 2	2	-			
	8	Clavi	2													
Chromatic	9	Celesta	1													
Percussion	10	Glockenspiel	1													
	11	Music Box	2													
	12	Vibraphone	1													
	13	Marimba	1													
	14	Xylophone	1													
	15	Tubular Bells	1													
	16	Dulcimer	1	H												
Organ	17	Drawbar Organ	1	$\vdash$				70'- P1	1							
	18 19	Percussive Organ	2	$\vdash$				70's Percussive Organ 1	2							
		Rock Organ		H					H							
	20	Church Organ	2	$\vdash$												
	21	Reed Organ Accordion	2	H					H							
	23	Hamonica	1													
	24	Tango Accordion	2													
Guitar	25	Nylon Guitar	1								Nylon Guitar 3	2	_		-	
Guitai	26	Steel Guitar	1								Nyion Guitai 5	_	-			
	27	Jazz Guitar	1													
	28	Clean Guitar	1													
	29	Muted Guitar	1													
	30	Overdriven Guitar	1													
	31	Distortion Guitar	1					Distortion Guitar 2	2	+						
	32	Guitar Harmonics	1													
Bass	33	Acoustic Bass	1													
	34	Finger Bass	1													
	35	Pick Bass	1													
	36	Fretless Bass	1													
	37	Slap Bass 1	1													
	38	Slap Bass 2	1		Wah Slap	2	+									
	39	Synth Bass 1	1					Acid Bass	1	-						
	40	Synth Bass 2	2		Zealot	2	+									L
Strings	41	Violin	1													
	42	Viola	1	L												
	43	Cello	1													
	44	Contrabass	1	L												
	45	Tremolo Strings	1	<u> </u>												
	46	Pizzicato Strings	1	L												
-	47	Orchestral Harp	1	-												
L	48	Timpani	1	1												
Ensemble	49	Strings 1	1	H				Arco Strings	2	-						
	50	Strings 2	1	H												
-	51	Synth Strings 1	2	-					H							
	52	Synth Strings 2	2	$\vdash$												
-	53 54	Choir Aahs	1	-					H							
		Voice Oohs	1	$\vdash$												
	55	Synth Voice	1	$\vdash$												
D	56 57	Orchestra Hit	2	⊢												H
Brass		Trumpet	1	H												
	58	Trombone	1	$\vdash$												
	59 60	Tuba Mutad Trumpat	1	H					H							
	60	Muted Trumpet	1	H												
-		French Horn Brace Section	1	$\vdash$					H							
	62	Brass Section Synth Brass 1	2	H				Poly Brass	2							
	63	Synth Brass 1 Synth Brass 2	1	$\vdash$				r ory Drass	2	-						
	04	эунш <b>э</b> гахх 2	1	<u> </u>												

- Same as Bank 0
  - E Standard Number of Element

  - O Option
    Blank : XG Standard, XGLite Standard
    - +: XG Option, XGLite Option
      -: XG Standard, XGLite Option
- Bank Select MSB Bank Select LSB Instrument Group PGM# E O Grand Piano 1 1 1 2 2 2 2 2 1 2 Bright Piano Electric Grand Piano Honky-tonk Piano Electric Piano 1 Electric Piano 2 Harpsichord Clavi avi Wah 9 10 11 1 1 2 Chromatic Celesta Glockenspiel Music Box 12 13 Vibraphone 1 14 Xylophone Tubular Bells 15 Dulcimer
  Drawbar Organ
  Percussive Organ 16 17 Organ 1 18 Rock Organ Church Organ 19 20 21 22 Reed Organ Accordion 23 24 Hamonica Tango Accordior Nylon Guitar 25 1 26 27 Steel Guitar Jazz Guitar 1 1 28 29 Clean Guita Muted Guitar 30 Overdriven Guitar 31 Distortion Guitar Distortion Guitar Guitar Harmonic 1 Acoustic Bass Finger Bass Pick Bass 33 34 1 lange Bass 35 Auted Pick Bass 36 37 38 Fretless Bass Slap Bass 1 Resonant Slap 1 1 1 Slap Bass 2 Synth Bass 1 40 Synth Bass 2 41 1 Violin Viola 43 Cello 44 45 46 Tremolo Strings Pizzicato Strings 1 Orchestral Harp Timpani Strings 1 47 48 49 50 Strings 2 Synth Strings 1 52 53 Synth Strings 2 Choir Aahs Voice Oohs 54 55 56 Synth Voice Orchestra Hit 1 1 1 57 58 Trumpet 59 Tuba 60 Muted Trumpet 61 French Horn 62 Brass Section 2 ynth Brass 3 Analog Sforzando 64 Synth Brass 2

- Same as Bank 0

E - Standard Number of Element
O - Option
Blank : XG Standard, XGLite Standard
+ : XG Option, XGLite Option
- : XG Standard, XGLite Option

					Detune 1			Detune 2			Detune 3		
Bank Select MSB		0			0			0			0		
Bank Select LSB		0			32			33			34		
Instrument Group	PGM#	Name	E	О	Name	E	0	Name	E	0	Name	E	О
Piano	1	Grand Piano	1										
	2	Bright Piano	1		Detuned Bright Piano	2	+						
	3	Electric Grand Piano	2		Detuned CP80	2							
	4	Honky-tonk Piano	2										
	5	Electric Piano 1	2		Chorus Electric Piano 1	2							
	6	Electric Piano 2	2		Chorus Electric Piano 2	2	-	DX Electric Piano Hard	2	-	DX Legend	2	-
	7	Harpsichord	1		Harpsichord Detune	2	+			L		Н	
	8	Clavi	2							L		╄	
Chromatic	9	Celesta	1							L		Н	
Percussion	10	Glockenspiel	1						_				
	11	Music Box	2	-									
	12	Vibraphone	1	H					-			+	
	13	Marimba	1	-									
	14	Xylophone	1	-									
	15	Tubular Bells	1						-	H		H	$\vdash$
0	16	Dulcimer	1	L	D			601 P. 1 C			601 D 1 0 1	ų.	
Organ	17	Drawbar Organ	1	H	Detuned Drawbar Organ	2	$\vdash$	60's Drawbar Organ 1	2	$\vdash$	60's Drawbar Organ 2	2	H
	18	Percussive Organ	1	H	Detuned Percussive Organ	2	H	Light Organ	2	L			H
	19	Rock Organ	2	H	Cl. 10 2								H
	20	Church Organ	2	H	Church Organ 3	2	L						H
	21	Reed Organ	1	-	Reed Organ Detuned	2	+						
	22	Accordion	2	H	Accord It	2	-		-			+	
	23	Hamonica	2	-	Harmonica 2	2							
	24	Tango Accordion											
Guitar	25	Nylon Guitar	1		Nylon Guitar Detuned	2	+			H			
	26	Steel Guitar	1		Steel Guitar Detuned	2	+			H			
	27	Jazz Guitar	1	-	Jazz Amp	2		or 0.1 11.1					
	28	Clean Guitar	1		Chorus Guitar	2		Chorus Guitar Light	2	+			
	29	Muted Guitar	1							H			
	30	Overdriven Guitar	1	-	Overdriven Guitar Detuned	2	+						
	31	Distortion Guitar	1	-									
	32	Guitar Harmonics	1	₩					_			╄	_
Bass	33	Acoustic Bass	1		W W W				_				
	34	Finger Bass	1	-	Finger Bass Detuned	2	+						
	35	Pick Bass	1	-								+	
	36	Fretless Bass	1	-	Fretless Bass 2 Punch Thumb Bass	2		Fretless Bass 3	2		Fretless Bass 4	2	
	37	Slap Bass 1	1		Punch Thumb Bass	2			-	H		H	$\vdash$
	38	Slap Bass 2	1	-									
	39 40	Synth Bass 1	1	-		2							
		Synth Bass 2	2	-	Smooth Synth Bass	2	-		-	H		+	⊢
Strings	41	Violin	1	H									
	42	Viola	1	H									H
	43 44	Cello	1	H									H
		Contrabass	_	$\vdash$									H
	45 46	Tremolo Strings	1	H								H	H
	46	Pizzicato Strings	1	H									H
	48	Orchestral Harp Timpani	1	H						H			H
Ensemble	49	Strings 1	1	H						H		۰	F
Lascindic			_	H									H
	50 51	Strings 2	2	H									H
	52	Synth Strings 1 Synth Strings 2	2	H			H			H			H
	53	Choir Aahs	1	H	Mellow Choir	2	П			H			H
	54	Voice Oohs	1	H	MICHOW CHOIL	12							
	55	Synth Voice	1	H			H			H			H
	56	Orchestra Hit	2	H									H
Brass	57		1	H	Warm Trumpet	2	Н			H		۰	H
DIASS		Trumpet		H	Warm Trumpet	12							
	58	Trombone	1	$\vdash$									H
	59 60	Tuba	1	$\vdash$									H
		Muted Trumpet	1	$\vdash$	Donath Hans 2	2.							H
	61	French Horn	1	$\vdash$	French Horn 2	2							H
	62	Brass Section	1	$\vdash$	I D	_							H
	63	Synth Brass 1	2	1	Jump Brass	2	-						H
	64	Synth Brass 2	1	_									

- Same as Bank 0

  E Standard Number of Element
  O Option
  Blank : XG Standard, XGLite Standard
  + : XG Option, XGLite Option
   : XG Standard, XGLite Option

		1			Octave 1			Octave 2		
Bank Select MSB		0			0			0		_
Bank Select LSB		0			35			36	_	_
Instrument Group	PGM#	Name	E	0	Name	E	О	Name	Е	C
Piano	1	Grand Piano	1						1	1
	2	Bright Piano	1							#
	3	Electric Grand Piano	2		Synth CP	2	+		H	H
	4	Honky-tonk Piano	2						H	H
	5	Electric Piano 1	2							1
	6	Electric Piano 2	2	-	**	2				H
	7	Harpsichord	1		Harpsichord 3	2				۰
	8	Clavi	2	₩						+
Chromatic	9	Celesta	1							H
Percussion	10	Glockenspiel	2	H						H
	11	Music Box	1	H						H
	13	Vibraphone Marimba	1	H					+	H
	13	Xylophone	1	H						H
	15	Tubular Bells	1	H					+	۰
	16	Dulcimer	1	H	Dulcimer 2	2				۰
Organ	17	Drawbar Organ	1	H	70's Drawbar Organ 1	2		Drawbar Organ 2	2	f
Organ	18	Percussive Organ	1	H	70 S Diawoai Organ 1	2		Diawoni Oigan 2	Ť	F
	19	Rock Organ	2	H						H
	20	Church Organ	2	H	Church Organ 2	2				H
	21	Reed Organ	1	H	Charles Organ 2	2				f
	22	Accordion	2	H						Ħ
	23	Hamonica	1	H						Ħ
	24	Tango Accordion	2	H						Ħ
Guitar	25	Nylon Guitar	1	H					+	۲
Guitai	26	Steel Guitar	1	H	12-string Guitar	2				Ħ
	27	Jazz Guitar	1		12 same data					Ħ
	28	Clean Guitar	1	T						Ħ
	29	Muted Guitar	1							Ħ
	30	Overdriven Guitar	1	Ħ						t
	31	Distortion Guitar	1		Distortion Guitar 3	2	+	Power Guitar 2	2	T,
	32	Guitar Harmonics	1	T		_			Ť	t
Bass	33	Acoustic Bass	1						T	T
	34	Finger Bass	1	T						Ħ
	35	Pick Bass	1	İ						T
	36	Fretless Bass	1							Ī
	37	Slap Bass 1	1							Ī
	38	Slap Bass 2	1							ı
	39	Synth Bass 1	1		Clavi Bass	2	-			ı
	40	Synth Bass 2	2							I
Strings	41	Violin	1							Π
	42	Viola	1							I
	43	Cello	1							I
	44	Contrabass	1	L						I
	45	Tremolo Strings	1	L						I
	46	Pizzicato Strings	1	L	Pizzicato Octave	2	+			ľ
	47	Orchestral Harp	1	L						1
	48	Timpani	1							
Ensemble	49	Strings 1	1	L	60's Strings	2				I
	50	Strings 2	1							I
	51	Synth Strings 1	2		Synth Strings 3	2	+		1	1
	52	Synth Strings 2	2	L						4
	53	Choir Aahs	1	L						1
	54	Voice Oohs	1	L						4
	55	Synth Voice	1	L						4
	56	Orchestra Hit	2	L	Orchestra Hit 2	2				1
Brass	57	Trumpet	1	L						1
	58	Trombone	1	L						1
	59	Tuba	1	L						1
	60	Muted Trumpet	1	L						1
	61	French Horn	1	L						1
	62	Brass Section	1	L	Trumpet & Trombone Section	2		Trumpet & Trombone Section 2	2	ŀ
	63	Synth Brass 1	2	L						1
	64	Synth Brass 2	1							

O - Option		of Element											
	n												
		dard, XGLite Standard											
		XGLite Option , XGLite Option											
A	CO Standard	, AGERE OPHOR											
					5th 1			5th 2			Bend		
Bank Select MSB		0			0			0			0	_	_
Bank Select LSB		0			37			38			39		
Instrument Group		Name	E	0	Name	E	0	Name	E	О	Name	E	ŀ
Piano	1	Grand Piano	1			_							1
	3	Bright Piano Electric Grand Piano	2										ł
	4	Honky-tonk Piano	2	_									ł
	5	Electric Piano 1	2										t
	6	Electric Piano 2	2										İ
	7	Harpsichord	1										1
	8	Clavi	2									L	1
Chromatic	9	Celesta	1			_							4
Percussion	10 11	Glockenspiel Music Box	2										ł
	12	Vibraphone	1										f
	13	Marimba	1										f
	14	Xylophone	1	L									j
	15	Tubular Bells	1										I
	16	Dulcimer	1										Į
Organ	17	Drawbar Organ	1		60's Drawbar Organ 3	2		Even Bar	2	-			Į
	18	Percussive Organ	2		Percussive Organ 2	2							ł
	19	Rock Organ Church Organ	2										ł
	21	Reed Organ	1										ł
	22	Accordion	2										İ
	23	Hamonica	1										ı
	24	Tango Accordion	2										
Guitar	25	Nylon Guitar	1										1
	26	Steel Guitar	1										ł
	27 28	Jazz Guitar Clean Guitar	1										ł
	29	Muted Guitar	1										ł
	30	Overdriven Guitar	1										t
	31	Distortion Guitar	1		Power Guitar 1	2	+	Distorted Fifths	2	+			İ
	32	Guitar Harmonics	1										I
Bass	33	Acoustic Bass	1										1
	34	Finger Bass	1			_							4
	35	Pick Bass	1	_		-							ł
	36 37	Fretless Bass Slap Bass 1	1	_									ł
	38	Slap Bass 2	1										ı
	39	Synth Bass 1	1	L									ĺ
	40	Synth Bass 2	2										1
Strings	41	Violin	1										I
	42	Viola	1										١
	43	Cello Contrabass	1										۱
	44	Contrabass Tremolo Strings	1										1
	46	Pizzicato Strings	1										l
	47	Orchestral Harp	1										ĺ
	48	Timpani	1										1
Ensemble	49	Strings 1	1										ĺ
	50	Strings 2	1									P	1
	51	Synth Strings 1	2	_							Monarchy Worm Holo	2	1
	52 53	Synth Strings 2 Choir Aahs	2								Worm Hole Gasp	2	1
	54	Voice Oohs	1								- any	Ť	l
	55	Synth Voice	1										ĺ
	56	Orchestra Hit	2										ĺ
Brass	57	Trumpet	1										I
	58	Trombone	1										
	59	Tuba	1										1
	60	Muted Trumpet French Horn	1		Horn Orchester	2							l
	61	French Horn Brass Section	1		Horn Orchestra	2					Brass Fall	1	1
	63	Synth Brass 1	2								au	Ė	l
	64	Synth Brass 2	1										

- Same as Bank 0

  E Standard Number of Element
  O Option
  Blank : XG Standard, XGLite Standard
  + : XG Option, XGLite Option
   : XG Standard, XGLite Option

					Tutti 1			Tutti 2		_
Bank Select MSB		0			0			0		
Bank Select LSB		0	_	_	40			41		_
Instrument Group	PGM#	Name	E	0	Name	E	О	Name	Е	C
Piano	1	Grand Piano	1		Piano Strings	2		Dream	2	L
	2	Bright Piano	1		Synth Pad Piano	2	+			
	3	Electric Grand Piano	2		Layered CP 1	2	-	Layered CP 2	2	-
	4	Honky-tonk Piano	2						1	L
	5	Electric Piano 1	2		Hard Electric Piano	2	-			Ļ
	6	Electric Piano 2	2		DX Phase Electric Piano	2	-	DX + Analog Electric Piano	2	L
	7	Harpsichord	1		Electric Harpsichord	2	+		1	L
	8	Clavi	2		Cosmic Clavi	2	+			L
Chromatic	9	Celesta	1							
Percussion	10	Glockenspiel	1							
	11	Music Box	2							
	12	Vibraphone	1							
	13	Marimba	1							ı
	14	Xylophone	1							
	15	Tubular Bells	1							П
	16	Dulcimer	1							
Organ	17	Drawbar Organ	1		16+2"2/3	2				Г
	18	Percussive Organ	1						П	I
	19	Rock Organ	2							Г
	20	Church Organ	2		Notre Dame	2			П	I
	21	Reed Organ	1		Puff Organ	2				Г
	22	Accordion	2			٦Ē				۲
	23	Hamonica	1							Ħ
	24	Tango Accordion	2							t
Guitar	25	Nylon Guitar	1		Wayside	2	4		+	۲
Guitai	26	Steel Guitar	1		Nylon & Steel Guitar	2	-	Steel Guitar with Body Sound	2	Н
	27	Jazz Guitar	1		Organ Guitar	2	_	Octave Plate	2	+
	28	Clean Guitar	1		Organ Guitai		_	Octave Finite	1	Ė
	29	Muted Guitar	1	H	Funk Guitar 1	2		Muted Steel Guitar	2	٢
		Overdriven Guitar	1		Parallel	2		Witten Steel Guitai		L
	30 31		1		Feedback Guitar	2	+	Farally of College 2	2	Н
	32	Distortion Guitar Guitar Harmonics	1		reedback Guitar			Feedback Guitar 2		L
n					r Mari	2		N: 1 4 N	_	
Bass	33	Acoustic Bass	1	H	Jazz Rhythm	2		Pick Acoustic Bass	2	+
	34	Finger Bass	1		Bass & Distorted Electric Guitar	2			-	H
	35	Pick Bass	1		Pick Bass & Muted Guitar	2	+		+	H
	36	Fretless Bass	1	H					+	H
	37	Slap Bass 1	1	H					+	H
	38	Slap Bass 2	1						١.	
	39	Synth Bass 1	1		Techno Synth Bass	2		Kick'n'Bass	2	+
	40	Synth Bass 2						DX Bass		
Strings			2		Modular Synth Bass	2	-		2	L
	41	Violin	1		Unison	2	+		2	
	42	Viola	1				+		2	
	42 43	Viola Cello	1 1 1		Unison	2			2	
	42 43 44	Viola Cello Contrabass	1 1 1		Unison Viola Double	2 2			2	
	42 43 44 45	Viola Cello Contrabass Tremolo Strings	1 1 1 1		Unison	2 2			2	
	42 43 44 45 46	Viola Cello Contrabass Tremolo Strings Pizzicato Strings	1 1 1 1 1		Unison Viola Double Suspense Strings Steep	2 2 2 2			2	
	42 43 44 45 46 47	Viola Cello Contrabass Tremolo Strings Pizzicato Strings Orchestral Harp	1 1 1 1 1 1		Unison Viola Double Suspense Strings	2 2	+		2	
	42 43 44 45 46	Viola Cello Contrabass Tremolo Strings Pizzicato Strings	1 1 1 1 1		Unison Viola Double Suspense Strings Steep	2 2 2 2	+		2	
Ensemble	42 43 44 45 46 47	Viola Cello Contrabass Tremolo Strings Pizzicato Strings Orchestral Harp	1 1 1 1 1 1		Unison Viola Double Suspense Strings Steep	2 2 2 2 2 2	+	Orchestra 2	2	
Ensemble	42 43 44 45 46 47 48	Viola Cello Contrabass Tremolo Strings Pizzicato Strings Orchestral Harp Timpani	1 1 1 1 1 1 1 1		Unison Viola Double Suspense Strings Sleep Yang Chin	2 2 2 2 2	+	Orchestra 2 Kingdom		
Ensemble	42 43 44 45 46 47 48 49	Viola Cello Contrabass Tremolo Strings Prizzicato Strings Orchestral Harp Timpani Strings 1	1 1 1 1 1 1 1 1 1		Unison Viola Double Suspense Strings Sleep Yang Chin Orchestra	2 2 2 2 2 2	+		2	-
Ensemble	42 43 44 45 46 47 48 49 50	Viola Cello Contrabass Tremolo Strings Pizzicato Strings Orchestral Harp Timpani Strings 1 Strings 2	1 1 1 1 1 1 1 1 1 1		Unison Viola Double Suspense Strings Steep Yang Chin Orchestra Warm Strings	2 2 2 2 2 2	+	Kingdom	2 2	-
Ensemble	42 43 44 45 46 47 48 49 50 51	Viola Cello Contrabass Tremolo Strings Pizzicato Strings Orchestral Harp Timpani Strings 1 Strings 2 Synth Strings 1	1 1 1 1 1 1 1 1 1 1 1 2		Unison Viola Double Suspense Strings Steep Yang Chin Orchestra Warm Strings	2 2 2 2 2 2	+	Kingdom	2 2	+
Ensemble	42 43 44 45 46 47 48 49 50 51 52	Viola Cello Cello Contrabass Tremolo Strings Prizzicato Strings Orchestral Harp Timpani Strings 1 Strings 1 Synth Strings 1 Synth Strings 1 Synth Strings 1	1 1 1 1 1 1 1 1 1 1 1 2 2		Unison Viola Double Suspense Strings Sleep Yang Chin Orchestra Warm Strings Grand Pad	2 2 2 2 2 2 2 2	+	Kingdom Sweep Strings	2 2 2 2	+
Ensemble	42 43 44 45 46 47 48 49 50 51 52 53	Viola Cello Cello Cello Contrabass Tremolo Strings Pizzicato Strings Orchestral Harp Timpani Strings 1 Strings 2 Synth Strings 1 Synth Strings 2 Choir Aahs	1 1 1 1 1 1 1 1 1 1 2 2		Unison Viola Double Suspense Strings Sleep Yang Chin Orchestra Warm Strings Grand Pad	2 2 2 2 2 2 2 2	+	Kingdom Sweep Strings	2 2 2 2	+
Ensemble	42 43 44 45 46 47 48 49 50 51 52 53 54	Viola Cello Cello Cello Contrabass Tremolo Strings Pizzicato Strings Orchestral Harp Timpani Strings 1 Strings 2 Synth Strings 1 Synth Strings 1 Choir Aalts Voice Oohs	1 1 1 1 1 1 1 1 1 1 2 2 2		Unison Viola Double Suspense Strings Sleep Yang Chin Orchestra Warm Strings Grand Pad Choir Strings	2 2 2 2 2 2 2 2 2 2 2	+	Kingdom Sweep Strings Dead Sea	2 2 2 2	+
Ensemble  Brass	42 43 44 45 46 47 48 49 50 51 52 53 54 55	Viola Cello Cello Cello Cello Contrabass Tremolo Strings Pizzicato Strings Orchestral Harp Timpani Strings 1 Strings 1 Synth Strings 2 Synth Strings 1 Synth Strings 2 Choir Aalts Voice Oohs Synth Voice Orchestra Hit	1 1 1 1 1 1 1 1 1 1 2 2 2 1 1		Unison Viola Double  Suspense Strings Sleep Yang Chin  Orchestra Warm Strings Grand Pad  Choir Strings Synth Voice 2	2 2 2 2 2 2 2 2 2	+	Kingdom Sweep Strings Dead Sea	2 2 2 2	+
	42 43 44 45 46 47 48 49 50 51 52 53 54 55 56	Viola Cello Cello Cello Cello Cello Tremolo Strings Pizzicato Strings Orchestral Harp Timpani Strings 1 Strings 2 Synth Strings 1 Synth Strings 1 Choir Aahs Voice Oohs Synth Voice Orchestra Hit Trumpet	1 1 1 1 1 1 1 1 1 2 2 1 1 1 1 2		Unison Viola Double  Suspense Strings Sleep Yang Chin  Orchestra Warm Strings Grand Pad Choir Strings Synth Voice 2	2 2 2 2 2 2 2 2 2	+	Kingdom Sweep Strings Dead Sea	2 2 2 2	+
	42 43 44 45 46 47 48 49 50 51 52 53 54 55 56	Viola Cello Cello Cello Cello Contrabass Tremolo Strings Pizzicato Strings Orchestral Harp Timpani Strings 1 Strings 2 Synth Strings 2 Choir Aahs Voice Oohs Synth Voice Orchestra Hit Trombone	1 1 1 1 1 1 1 1 1 2 2 1 1 1 1 2		Unison Viola Double  Suspense Strings Sleep Yang Chin  Orchestra Warm Strings Grand Pad Choir Strings Synth Voice 2	2 2 2 2 2 2 2 2 2	+	Kingdom Sweep Strings Dead Sea	2 2 2 2	-
	42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57	Viola Cello Cello Cello Cello Contrabass Tremolo Strings Prizzicato Strings Orchestral Harp Timpani Strings 1 Strings 2 Synth Strings 1 Synth Strings 1 Synth Strings 2 Choir Aahs Voice Oohs Synth Voice Orchestra Hit Trumpet Trombone Tuba	1 1 1 1 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1		Unison Viola Double  Suspense Strings Sleep Yang Chin Orchestra Warm Strings Grand Pad Choir Strings Synth Voice 2 Throne	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	+	Kingdom Sweep Strings Dead Sea	2 2 2 2	+
	42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60	Viola Cello Cello Cello Cello Cello Tremolo Strings Pizzicato Strings Pizzicato Strings Orchestral Harp Timpani Strings 1 Strings 2 Synth Strings 2 Synth Strings 2 Choir Aahs Voice Oohs Synth Voice Orchestra Hit Trumpet Trombone Tuba Muted Trumpet	1 1 1 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1		Unison Viola Double  Suspense Strings Sleep Yang Chin  Orchestra Warm Strings Grand Pad Choir Strings Synth Voice 2	2 2 2 2 2 2 2 2 2	+ + + +	Kingdom Sweep Strings Dead Sea	2 2 2 2	+
	42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 60 61	Viola Cello Cello Cello Cello Contrabass Tremolo Strings Pizzicato Strings Orchestral Harp Timpani Strings 1 Strings 2 Synth Strings 2 Choir Aahs Voice Oohs Synth Voice Orchestra Hit Trumpet Trombone Tuba Muted Trumpet French Horn	1 1 1 1 1 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1		Unison Viola Double  Suspense Strings Sleep Yang Chin  Orchestra Warm Strings Grand Pad  Choir Strings Synth Voice 2 Throne  Backyard	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	+ + + +	Kingdom Sweep Strings Dead Sea Choral	2 2 2 2	
	42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60	Viola Cello Cello Cello Cello Cello Tremolo Strings Pizzicato Strings Pizzicato Strings Orchestral Harp Timpani Strings 1 Strings 2 Synth Strings 2 Synth Strings 2 Choir Aahs Voice Oohs Synth Voice Orchestra Hit Trumpet Trombone Tuba Muted Trumpet	1 1 1 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1		Unison Viola Double  Suspense Strings Sleep Yang Chin Orchestra Warm Strings Grand Pad Choir Strings Synth Voice 2 Throne	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	+ + + +	Kingdom Sweep Strings Dead Sea	2 2 2 2	

- Same as Bank 0

  E Standard Number of Element
  O Option
  Blank : XG Standard, XGLite Standard
  + : XG Option, XGLite Option
   : XG Standard, XGLite Option

·		1			Tutti 3			Velocity Switch		
Bank Select MSB		0			0			0		
Bank Select LSB		0			42			43		
Instrument Group	PGM#	Name	E	0	Name	E	О	Name	Е	C
Piano	1	Grand Piano	1							Ł
	2	Bright Piano	1	_						-
	3	Electric Grand Piano	2	_						Ł
	4	Honky-tonk Piano	2							Ł
	5	Electric Piano 1	2	-	DVV V . Pl . ! P'	_				H
	7	Electric Piano 2 Harpsichord	2	-	DX Koto Electric Piano	2	-			H
	8	Clavi	2	-						H
Ch	9	Celesta	1	-					_	H
Chromatic Percussion	10		1	-						H
Percussion	11	Glockenspiel Music Box	2	-						H
	12	Vibraphone	1	-						H
	13	Marimba	1	1						H
	14	Xylophone	1	-						H
	15	Tubular Bells	1	$\vdash$						H
	16	Dulcimer	1	$\vdash$						H
Organ	17	Drawbar Organ	1	-					_	╁
Organ	18	Percussive Organ	1	H						H
	19	Rock Organ	2	$\vdash$						t
	20	Church Organ	2	H						H
	21	Reed Organ	1							t
	22	Accordion	2							t
	23	Hamonica	1	H						t
	24	Tango Accordion	2							t
Guitar	25	Nylon Guitar	1					Velocity Guitar Harmonics	2	т
	26	Steel Guitar	1	H						t
	27	Jazz Guitar	1	H						t
	28	Clean Guitar	1	İ						t
	29	Muted Guitar	1					Funk Guitar 2	2	١.
	30	Overdriven Guitar	1	İ				Guitar Pinch	2	t
	31	Distortion Guitar	1	ı	Twin Distortion	2	+	Rock Rhythm Guitar 2	2	+
	32	Guitar Harmonics	1							
Bass	33	Acoustic Bass	1					Blink Bass	2	+
	34	Finger Bass	1	ı				Finger Slap Bass	2	t
	35	Pick Bass	1							
	36	Fretless Bass	1							Ĺ
	37	Slap Bass 1	1							Ĺ
	38	Slap Bass 2	1					Velocity Switch Slap	2	Г
	39	Synth Bass 1	1		NEP	2	+			
	40	Synth Bass 2	2		DX Bass Bright	2	+			
Strings	41	Violin	1							
	42	Viola	1							
	43	Cello	1							
	44	Contrabass	1							ľ
	45	Tremolo Strings	1	L						ľ
	46	Pizzicato Strings	1							I
	47	Orchestral Harp	1	<u> </u>						
	48	Timpani	1					Roll & Hit	2	+
Ensemble	49	Strings 1	1	L	Tremolo Orchestra	2	L			I
	50	Strings 2	1	<u> </u>						L
	51	Synth Strings 1	2	⊢	Sweep Strings Octave	2	+			H
	52	Synth Strings 2	2	⊢						I
	53	Choir Aahs	1	L						I
	54	Voice Oohs	1	-						I
	55	Synth Voice	1	1						l
	56	Orchestra Hit	2	1						Ĺ
Brass	57	Trumpet	1	⊢						H
	58	Trombone	1	<u> </u>						Į
	59	Tuba	1	⊢						I
	60	Muted Trumpet	1	-						H
	61	French Horn	1	-						H
	62	Brass Section	1	⊢	Mellow Brass	2	Ė			H
	63	Synth Brass 1	2	1	1 I II N' N' I	_				H
	64	Synth Brass 2	1	1	Analog Horns Rich	2	+			Ш

- Same as Bank 0

E - Standard Number of Element
O - Option
Blank : XG Standard, XGLite Standard
+ : XG Option, XGLite Option
- : XG Standard, XGLite Option

-					Velocity Cross Fade			Detune 4			Tutti 4		
Bank Select MSB		0			0			0			0		
Bank Select LSB		0			45			48			52		
Instrument Group	PGM#	Name	E	0	Name	E	0	Name	Е	0	Name	Е	0
Piano	1	Grand Piano	1										
	2	Bright Piano	1									L	L
	3	Electric Grand Piano	2									H	L
	4	Honky-tonk Piano	2										
	5	Electric Piano 1	2		Velocity Crossfade Electric Piano 1	2	-	C			****		
	6	Electric Piano 2	2		Velocity Crossfade Electric Piano 2	2	-	Chorus Electric Piano KSP	2	+	DX Mallet	2	+
	7 8	Harpsichord Clavi	1 2	_								H	H
Chromatic	9	Celesta	1						+			H	H
			1	_								H	H
Percussion	10	Glockenspiel Music Box	2									H	H
	12	Vibraphone	1		Hard Vibraphone	2							H
	13	Marimba	1		maru vibraphone		Ė						H
	14	Xylophone	1										H
	15	Tubular Bells	1										
	16	Dulcimer	1										
Organ	17	Drawbar Organ	1						f			f	f
3	18	Percussive Organ	1										
	19	Rock Organ	2										
	20	Church Organ	2										
	21	Reed Organ	1									Г	Г
	22	Accordion	2						П				
	23	Hamonica	1										П
	24	Tango Accordion	2										
Guitar	25	Nylon Guitar	1										
	26	Steel Guitar	1										
	27	Jazz Guitar	1										
	28	Clean Guitar	1										
	29	Muted Guitar	1		Jazz Man	1							
	30	Overdriven Guitar	1										
	31	Distortion Guitar	1		Rock Rhythm Guitar 1	2	+						
	32	Guitar Harmonics	1										
Bass	33	Acoustic Bass	1		Velocity Crossfade Upright Bass	2							
	34	Finger Bass	1		Finger Bass 2	2							
	35	Pick Bass	1										
	36	Fretless Bass	1										
	37	Slap Bass 1	1									L	Н
	38	Slap Bass 2	1										
	39	Synth Bass 1	1										
	40	Synth Bass 2	2			_			-			L	
Strings	41	Violin	1										
	42	Viola	1										
	43 44	Cello	1										
		Contrabass	1									F	H
	45 46	Tremolo Strings Pizzicato Strings	1									H	H
-	46	Orchestral Harp	1						H				
	48	Timpani	1	H									H
Ensemble	49	Strings 1	1		Velocity Strings	2				H	Lento	2	-
SCHIOIC	50	Strings 2	1	H	· coory bungs	12					Leno	ŕ	Ť
	51	Synth Strings 1	2	$\vdash$									
	52	Synth Strings 2	2										
	53	Choir Aahs	1										
	54	Voice Oohs	1										
	55	Synth Voice	1										
	56	Orchestra Hit	2										
Brass	57	Trumpet	1										f
	58	Trombone	1										Г
	59	Tuba	1										f
	60	Muted Trumpet	1										
	61	French Horn	1										
	62	Brass Section	1								Bund	2	+
	63	Synth Brass 1	2		Analog Velocity Brass 1	2	-						
	64	Synth Brass 2	1	Г	Analog Velocity Brass 2	2	-						

- Same as Bank 0

  E Standard Number of Element
  O Option
  Blank : XG Standard, XGLite Standard
  + : XG Option, XGLite Option
   : XG Standard, XGLite Option

D 1 C 1 - MCD					Tutti 5			Tutti 6			Other Waves 1		_
Bank Select MSB		0			0			0			64		
Bank Select LSB				-	53	Τ_		54	T_	_			Τ.
Instrument Group	PGM#	Name	E	0	Name	Е	О	Name	Е	O	Name	E	
Piano	1	Grand Piano	1			+					Concert Grand	1	
	2	Bright Piano	2	H		+					Bright Concert Grand	1	+
	3	Electric Grand Piano Honky-tonk Piano	2			+							+
			2			+					courts at the state	٠,	
	5	Electric Piano 1				+					60's Electric Piano 1	1	
	6	Electric Piano 2	2	H		+					Shirakawa	2	
	7	Harpsichord	1 2	H		+					Synth Harpsichord	2	
	8	Clavi	_			+			_		Pulse Clavi	1	_
Chromatic	9	Celesta	1			-					FM Celesta	1	+
Percussion	10	Glockenspiel	1			1							
	11	Music Box	2								Orgel	2	_
	12	Vibraphone	1			1							
	13	Marimba	1			1					Sine Marimba	2	1
	14	Xylophone	1			1							1
	15	Tubular Bells	1										1
	16	Dulcimer	1										
Organ	17	Drawbar Organ	1	Ĺ							Organ Bass	1	
	18	Percussive Organ	1	L							Jazz Organ	1	
	19	Rock Organ	2								Rotary Organ	2	Τ
	20	Church Organ	2								Organ Flute	2	Т
	21	Reed Organ	1								Synth Reed Dark	2	+
	22	Accordion	2										
	23	Hamonica	1										T
	24	Tango Accordion	2								Tango Accordion 2	2	Т
Guitar	25	Nylon Guitar	1	H		1					Spanish Guitar	1	4
	26	Steel Guitar	1								Nashville	1	
	27	Jazz Guitar	1	Ħ							Super Jazz Middle	1	
	28	Clean Guitar	1	t							Clean Guitar 2	1	_
	29	Muted Guitar	1								Wrench	1	
	30	Overdriven Guitar	1	H							Manhattan Middle	1	_
	31	Distortion Guitar	1	H							Bite	1	
	32	Guitar Harmonics	1	H							Acoustic Harmonics	1	
Bass	33		1	H		+			-		Boston		_
Bass		Acoustic Bass	_	H		+						1	_
	34	Finger Bass	1	H		-					Jazzy Bass	1	_
	35	Pick Bass	1	H		-					Hard Pick	1	_
	36	Fretless Bass	1			+					Powered Fretless	1	
	37	Slap Bass 1	1								Slapper	1	+
	38	Slap Bass 2	1			1							
	39	Synth Bass 1	1			1					Orbiter	2	
	40	Synth Bass 2	2								X Wire Bass	2	_
Strings	41	Violin	1								Cadenza	1	
	42	Viola	1								Sonata	1	
	43	Cello	1								Cello Section	2	
	44	Contrabass	1	L							Contrabass Section	2	
	45	Tremolo Strings	1	L							Fear	1	
	46	Pizzicato Strings	1								Collegno	2	+
	47	Orchestral Harp	1								Electric Harp	1	+
	48	Timpani	1										
Ensemble	49	Strings 1	1								Super Strings	1	+
	50	Strings 2	1								70's Strings	1	
	51	Synth Strings 1	2								Synth Strings 4	2	
	52	Synth Strings 2	2								Норе	2	+
	53	Choir Aahs	1	П							Strings & Choir Aahs	1	_
	54	Voice Oohs	1	l							Voice Doo	1	
	55	Synth Voice	1	H							Analog Voice	1	_
	56	Orchestra Hit	2	H							Impact	2	
Brass	57	Trumpet	1	H							Dark Trumpet	1	_
Biass	58	Trombone	1	H							Bright Trombone		_
			_	H								2	
	59	Tuba	1	H							Hard Attack Tuba	_	_
	60	Muted Trumpet	1	$\vdash$							Muted Trumpet 2	1	-
	61	French Horn	1	H				n. w			Synth Horn	1	
	62	Brass Section	1	H	Fake Horns	2	+	Fake Horns Octave	2	+	Super Brass	2	
	63	Synth Brass 1	2	L							Analog Brass 1	2	
	64	Synth Brass 2	1								Analog Brass 2	2	Ŀ

- Same as Bank 0
  - E Standard Number of Element
  - O Option
    - Blank : XG Standard, XGLite Standard
    - +: XG Option, XGLite Option
      -: XG Standard, XGLite Option

64

Synth Brass 2

Soft Cut

+ Analog Horns Soft

Other Waves 2 Other Waves 3 Bank Select MSB Bank Select LSB 65 66 E O Instrument Group PGM# E O Name E O 1 1 + Double Concert Grand 1 + MIDI Grand 3 Grand Piano oncert Grand KSP 1 Piano Bright Piano Electric Grand Piano Bright Concert Grand KSP Honky-tonk Piano 1 + Tribecca 2 + Flips Electric Piano 1 Old Electric Piano Old Electric Piano Tine Electric Piano 2 Harpsichord Clavi 9 1 1 2 Chromatic Celesta Glockenspiel 11 Music Box Small Orgel Vibraphone 12 1 14 Xylophone 15 Tubular Bells 16 17 Drawbar Organ 2 Cheezy Organ 2 + Click Organ Organ 1 70's Drawbar Organ 2 18 Warm Jazz Organ 19 Rock Organ Slow Rotary Fast Rotary 20 Church Organ Tremolo Organ Flute 21 Reed Organ Accordion 23 Hamonica 1 + Tight Accordion Detuned Tango Accordior 24 Tight Accordion + Spanish Guitar Mellow
 + Nashville 12
 + Super Jazz Detuned
 + Mid Tone Guitar Steree 25 Nylon Guitar Spanish Guitar Hard Guitar Nashville Resonant Super Jazz Bridge Mid Tone Guitar 26 Steel Guitar 27 Jazz Guitar 28 Clean Guita 29 Wrench Heavy Muted Guitar + Wrench Double 30 Overdriven Guitar Manhattan Bridge + Manhattan Detuned Bite Resonant Guitar Feedback + Bite Detuned Guitar Harmon 31 Distortion Guitar Guitar Harmonie 33 34 Boston Bright Modulated Bass + Coolth Chase Acoustic Bass Finger Bass 35 Pick Bass Hard Pick Resonant + Pick Bass Plus Powered Fretless Resonant Thumb & Slap 36 Fretless Bass + Talking Bass 37 38 1 Slap Bass 2 2 - Rubber Bass 1 + CS Light Synth Bass 1 Square Bass 40 Synth Bass 2 Attack Pulse 41 1 1 + Violin Section
2 + Hard Attack
2 + Slow Attack Strings Violin Cadenza Dark 42 Viola Viola Section + Hard Attack Viola Section 43 Cello Hard Attack Cello Section Slow Attack Cello Section 44 Hard Attack Contrabass Section + Slow Attack Contrabass Section Tremolo Strings Pizzicato Strings 45 Fear Detuned Apocalypse 47 Orchestral Harp 48 Timpani 49 Strings 1 Super Strings Ster Strings 2 Synth Strings 1 50 String Ensemble 3 51 Synth Strings 5 - Solitude Synth Strings 2 Choir Aahs 52 Virgo Male Choir Aahs 53 54 Voice Oohs + Whirl Choir Aspirate Brass Stab + Aspirate -+ Double Hit 55 Synth Voice Aspirate Detur 56 Orchestra Hit 57 58 Trumpet 1 Dark Trumpet Soft + Soft Trumpet + JJJ Aellow Trombo 59 Tuba Slow Attack Tuba 60 Muted Trumpet Backstairs 61 French Horn Horn Orchestra 2 Bright French Horn 62 Brass Section 1 Super Brass Cut Super Brass Blown

- Same as Bank 0

E - Standard Number of Element

O - Option

Blank : XG Standard, XGLite Standard

+: XG Option, XGLite Option
-: XG Standard, XGLite Option

Bank Select MSB Bank Select LSB 67 68 Instrument Group PGM# Name E O Name E O E O Grand Piano MIDI Grand 1 MIDI Grand 2 1 1 2 2 Piano 1 2 + Bright Piano Electric Grand Piano MIDI Grand 4 Old Piano Honky-tonk Piano Electric Piano 1 Diploid 1 Flips Detuned Electric Piano 2 Harpsichord Clavi 9 1 1 2 Chromatic Celesta Glockenspiel 11 Music Box Vibraphone 12 1 14 Xylophone 15 Tubular Bells Dulcimer Drawbar Organ 16 17 Organ 1 Drawbar Organ 3 Stadium Organ 18 Crunchy Grace Glacial Rotary 19 Rock Organ 20 Church Organ 21 Reed Organ Accordion 23 Hamonica Tango Accordion Nylon Guitar 24 25 1 Spanish Guitar Decay Guitar 26 27 Steel Guitar Old Sample Super Jazz Resonant Jazz Guitar + DX Jazz Guitar 1 Nasal Guitar Stereo Groovey Muted Guitar 28 Clean Guita Nasal Guitar 29 Muted Guitar Manhattan Powered Bite Plus Shimla 30 Overdriven Guitar + Burnout 31 2 + Distortion Guitar Guitar Harmonic 33 34 Acoustic Bass Coolth Bright Chase Resona Finger Bass Blue Bass 35 Pick Bass Pick Bass 4 Noisy Fretless FM Slap 36 37 Fretless Bass + FM Slap Detuned 38 1 Slap Bass 2 Synth Bass 1 + Hard Resonance 40 Synth Bass 2 Metal Bass 1 + Forced Oscillation Base Slow Attack Violin Section 41 Strings Violin 1 Hard Attack Violin Section 42 Viola Slow Attack Viola Section 43 Cello 44 45 46 Tremolo Strings Pizzicato Strings Bright Tremolo Strings 1 47 Orchestral Harp Timpani 48 49 Strings 1 Staccato High Strings 2 Synth Strings 1 50 + Thulium + Taur 51 Fate Synth Strings 2 Choir Aahs Taurus Aah Steree 52 Octave PWM 53 Scroll Plus 54 Voice Oohs Ooh Stereo 2 + 2 + Bass Hit 55 Synth Voice Facula 56 Orchestra Hit Brass Stab 80 1 1 1 57 58 Trumpet Blow Brilliant Trombone 1 + Blow Double 1 + Hard Attack Trombone 59 Tuba Muted Trumpet 60 61 French Horn Hard Attack French Horn 62 Brass Section 2 owered Sforzando Powered Sforzando Bright 64 Synth Brass 2

- Same as Bank 0

  E Standard Number of Element
  O Option
  Blank : XG Standard, XGLite Standard
  + : XG Option, XGLite Option
   : XG Standard, XGLite Option

					Other Waves 6			Other Waves 7		
Bank Select MSB		0			0			0		
Bank Select LSB		0			69			70		
Instrument Group	PGM#	Name	E	0	Name	Е	0	Name	Е	3 (
Piano	1	Grand Piano	1		Oldest Acoustic Piano	1	+			I
	2	Bright Piano	1							4
	3	Electric Grand Piano	2							4
	4	Honky-tonk Piano	2							Щ
	5	Electric Piano 1	2		Soho	1	+	Flops Detuned	2	
	6	Electric Piano 2	2		Flicks Detuned	2	+	Bright DX	1	ŀ
	7	Harpsichord	1							#
	8	Clavi	2		Super Clavi	2	+	Guitar Clavi	2	4
Chromatic	9	Celesta	1							4
Percussion	10	Glockenspiel	1							4
	11	Music Box	2							#
	12	Vibraphone	1							#
	13	Marimba	1							#
	14	Xylophone	1							#
	15 16	Tubular Bells Dulcimer	1							+
Organ				_	Stadium Organ 2	2		Gornal Organ	٠,	7
Organ	17 18	Drawbar Organ Percussive Organ	1		Stadium Organ 2 Dim Click	2	+	Gospel Organ Dusk	1 2	
	19	Rock Organ	2		Dim Cilck	2	+	Dusk	12	H
	20	Church Organ	2							+
	20	Reed Organ	1	-						Ŧ
	22	Accordion	2							Ŧ
	23	Hamonica	1							Ť
	24	Tango Accordion	2							Ŧ
Guitar	25	Nylon Guitar	1							Ŧ
Juliu	26	Steel Guitar	1							Ť
	27	Jazz Guitar	1		DX Jazz Guitar Detuned	2	+	Pulse Jazz	1	T
	28	Clean Guitar	1		Hammer Middle	1	+	Hammer Bridge	1	
	29	Muted Guitar	1							t
	30	Overdriven Guitar	1							ı
	31	Distortion Guitar	1		Bombay	2	+	Bombay Sustained	2	
	32	Guitar Harmonics	1							
Bass	33	Acoustic Bass	1							T
	34	Finger Bass	1		Jazzy Bass 2	2	+			ı
	35	Pick Bass	1							ı
	36	Fretless Bass	1							1
	37	Slap Bass 1	1							1
	38	Slap Bass 2	1							П
	39	Synth Bass 1	1		Wah Saw	1	+	Pluto	1	T
	40	Synth Bass 2	2		Cubit	1	+	Cubit Plus	2	2 .
Strings	41	Violin	1							I
	42	Viola	1							4
	43	Cello	1							4
	44	Contrabass	1							1
	45	Tremolo Strings	1							1
	46	Pizzicato Strings	1							1
	47	Orchestral Harp	1							1
	48	Timpani	1							4
Ensemble	49	Strings 1	1		Staccato Low	2	+	Hall Strings	1	Ţ.
	50	Strings 2	1						-	4
	51	Synth Strings 1	2		Brook	1	+	Brook Stereo	2	
	52	Synth Strings 2	2		Frost	2	+	Leo	2	
	53	Choir Aahs	1	_	Aah Mix	3	+	Aah with Orchestra	4	١.
	54	Voice Oohs	1							#
	55	Synth Voice	1		Dana I Es Dina	_		Cat. Tile	٠.	#
	56	Orchestra Hit	2		Bass Hit Plus	2	+	6th Hit	1	
Brass	57	Trumpet	1		4th Trumpet	2	+	Synth Trumpet	1	
	58	Trombone	1	_	Bright Bass Trombone	1	+	Hard Attack Bass Trombone	2	2 -
	59	Tuba	1							#
	60	Muted Trumpet	1							1
	61	French Horn	1		Alto & Trumpet	2		Tonor & Teamnet	_	7
		Brass Section	1 1		Alto & Trumpet	2	+	Tenor & Trumpet	2	- 11
	63	Synth Brass 1	2		Analog Horns 2	1	+	Analog Horns Octave	2	

- Same as Bank 0

E - Standard Number of Element

O - Option

Blank : XG Standard, XGLite Standard

+: XG Option, XGLite Option
-: XG Standard, XGLite Option

Bank Select MSB Bank Select LSB 71 Instrument Group PGM# E O Name E O Grand Piano Piano 1 1 1 2 2 2 2 Bright Piano Electric Grand Piano Honky-tonk Piano Electric Piano 1 Diploid 2 Bright DX Detuned Brooklyn Diploid 3 Electric Piano 2 Kitayama Turnpike 1 Harpsichord Clavi 9 1 1 2 Chromatic Celesta Glockenspiel 11 Music Box 12 13 Vibraphone 1 14 Xylophone 15 Tubular Bells Dulcimer Drawbar Organ 16 17 1 Organ Click Gospel Organ 2 + Chapel Organ 1 + Spoony 2 + Dim Chorus 2 + 18 FM Click Super Rotary Rock Organ Church Organ 19 20 21 22 Reed Organ Accordion 23 24 Hamonica Tango Accordior Nylon Guitar 25 1 Guitar 26 27 Steel Guitar 1 + Roughcaster Middle 2 + Hammer Stereo Jazz Guitar Roughcaster Neck FM Chorus Guitar 28 29 2 + Clean Guita mer Double Muted Guitar 30 Overdriven Guitar 31 Distortion Guitar 1 Jaipur 2 + Guitar Harmonic 33 34 Acoustic Bass 1 Finger Bass Pick Bass 35 36 37 Fretless Bass Slap Bass 1 1 38 Slap Bass 2 Synth Bass 1 Pluto Plus Running Pulse 40 Synth Bass 2 Keel Po 41 Violin Viola 1 Strings 42 43 Cello 44 45 46 Tremolo Strings Pizzicato Strings 1 47 Orchestral Harp Timpani 48 49 Strings 1 Strings + French Horn Solid Strings Swell Strings 50 51 Strings 2 Synth Strings 1 Old Syhth Strings Synth Strings 2 Choir Aahs 52 Solar Plexus Sun Rise 53 54 Voice Oohs 55 56 Synth Voice Orchestra Hit 5th Hit Plus Euro Hit uro Hit Plus 1 1 1 57 58 Trumpet Sweet Trumpet 3 + Mewllow Sweet Trumpet Normal Trumpets 59 Tuba Muted Trumpet 60 61 French Horn 62 Brass Brothers Sawtooth Brass Powered Brass Section 3 Brass Section 2 Vague Brothers 64 Synth Brass 2

- Same as Bank 0
  - E Standard Number of Element

  - O Option
    Blank : XG Standard, XGLite Standard
    - +: XG Option, XGLite Option
      -: XG Standard, XGLite Option

47 48 49 Strings 1

50 51

52 53

54

55 56

57 58 Trumpet

59 Tuba Muted Trumpet

60 61

62

64

Tremolo Strings Pizzicato Strings

Orchestral Harp Timpani

Strings 2 Synth Strings 1

Synth Strings 2 Choir Aahs

Voice Oohs

Synth Voice

Orchestra Hit

French Horn

Brass Section

Synth Brass 2

1

2

1 1 1

1

Strings + Brass Section

Brilliant Trumpet

Sforzando Brass 2

1 + Fanfare

Octave Brass

5 Part Strings

+ Alps

Bank Select MSB Bank Select LSB 74 Instrument Group PGM# E O E O Grand Piano Piano 1 1 1 2 2 2 2 2 1 1 2 Bright Piano Electric Grand Piano Honky-tonk Piano Electric Piano 1 Nasal DX Phunky DX Nasal DX Detuned Electric Piano 2 Harpsichord Clavi 9 10 1 1 2 Chromatic Celesta Glockenspiel 11 Music Box 12 13 Vibraphone 1 14 Xylophone 15 Tubular Bells Dulcimer Drawbar Organ 16 17 Organ 1 1 + Mellorgan 2 + Beep Orga 18 Lo Fi Orgar Beep Organ Rock Organ Church Organ 19 20 21 22 Reed Organ Accordion 23 24 Hamonica Tango Accordior Nylon Guitar 25 1 Guitar 26 27 Steel Guitar Jazz Guitar FM Chorus Guitar Soft 28 29 2 + Pesky Guitar Clean Guita Clavi Guitai Muted Guitar 30 Overdriven Guitar 31 Distortion Guitar 1 Guitar Harmonie 33 34 Acoustic Bass 1 Finger Bass Pick Bass 35 36 37 38 Fretless Bass Slap Bass 1 1 1 1 Slap Bass 2 Synth Bass 1 Talking Pulse 40 Synth Bass 2 owered Pulse 41 Violin Viola 1 Strings 42

- Same as Bank 0

E - Standard Number of Element
O - Option
Blank : XG Standard, XGLite Standard
+ : XG Option, XGLite Option
- : XG Standard, XGLite Option

					Other Waves 14			Other Waves 15			Other Waves 16		
Bank Select MSB		0			0			0			0		
Bank Select LSB		0			77			78			79		
Instrument Group	PGM#	Name	E	О	Name	E	О	Name	E	0	Name	Е	0
Piano	1	Grand Piano	1										
	2	Bright Piano	1										
	3	Electric Grand Piano	2										
	4	Honky-tonk Piano	2										
	5	Electric Piano 1	2		Din	2	+	4 Way EP	4	+	Easy EP	1	+
	6	Electric Piano 2	2		Soft DX	2	+	Resonant DX	1	+	Piercing DX	2	+
	7	Harpsichord	1										
	8	Clavi	2										
Chromatic	9	Celesta	1										
Percussion	10	Glockenspiel	1										
	11	Music Box	2										
	12	Vibraphone	1										
	13	Marimba	1										
	14	Xylophone	1										
	15	Tubular Bells	1										
	16	Dulcimer	1										
Organ	17	Drawbar Organ	1	1	FMO	1	+	70's Drawbar Organ 3	2	+	Mood Organ	1	+
	18	Percussive Organ	1	<u> </u>	Snap Organ	1	+						
	19	Rock Organ	2	1									
	20	Church Organ	2										
	21	Reed Organ	1	1									
-	22	Accordion	2	1									
	23	Hamonica	1	-									
	24	Tango Accordion	2										
Guitar	25	Nylon Guitar	1	-									
	26	Steel Guitar	1	-									
	27	Jazz Guitar	1	-								-	
	28	Clean Guitar	1	-									
	29	Muted Guitar	1										
	30	Overdriven Guitar	1	-									
	31 32	Distortion Guitar Guitar Harmonics	1	-									
Bass	33	Acoustic Bass	1			_						+	
Bass	34	Finger Bass	1	-									
	35	Pick Bass	1	$\vdash$									
	36	Fretless Bass	1										
	37	Slap Bass 1	1	H									
	38	Slap Bass 2	1	T									
	39	Synth Bass 1	1		Stainer Attack	1	+	Sweep Square	1	+	Sweep Square Plus	2	+
	40	Synth Bass 2	2	T	Smooth Bass	2	+	Synth Attack	2	+	1		
Strings	41	Violin	1										
	42	Viola	1	Ħ									
	43	Cello	1	t									
	44	Contrabass	1	t									
	45	Tremolo Strings	1	İ									
	46	Pizzicato Strings	1	İ									
	47	Orchestral Harp	1	L									
	48	Timpani	1										
Ensemble	49	Strings 1	1										
	50	Strings 2	1										
	51	Synth Strings 1	2										
	52	Synth Strings 2	2										
	53	Choir Aahs	1										
	54	Voice Oohs	1										
	55	Synth Voice	1										
	56	Orchestra Hit	2										
Brass	57	Trumpet	1										
	58	Trombone	1	L									
	59	Tuba	1	L									
	60	Muted Trumpet	1	1									
	61	French Horn	1	1						F			
	62	Brass Section	1	H	Symphonic Brass Ensemble	4	+	Phoenix	4	+			
-	63	Synth Brass 1	2	1									
	64	Synth Brass 2	1	_									

- Same as		of Element								
O - Option										
		dard, XGLite Standard								
		XGLite Option , XGLite Option								
AC	Standard	, AGLite Option								
					Other Waves 17			Other Waves 18		
ank Select MSB		0			(	)		0		
ank Select LSB		0			8			81		
Instrument Group	PGM#	Name	E	0	Name	E	0	Name	E	
iano	1	Grand Piano	1							4
	2	Bright Piano Electric Grand Piano	1 2							-
	4	Honky-tonk Piano	2							
	5	Electric Piano 1	2		Sine EP	1	+	Cheap EP	2	
	6	Electric Piano 2	2		Shivering DX	1	+	Shivering DX Plus	1	
	7	Harpsichord	1							
	8	Clavi	2							
hromatic	9	Celesta	1							
ercussion	10	Glockenspiel Music Box	2							
	12	Vibraphone	1							
	13	Marimba	1							
	14	Xylophone	1							
	15	Tubular Bells	1							
	16	Dulcimer	1							
rgan	17	Drawbar Organ	1							
	18 19	Percussive Organ Rock Organ	2							
	20	Church Organ	2							
	21	Reed Organ	1							
	22	Accordion	2							
	23	Hamonica	1							
	24	Tango Accordion	2							
uitar	25	Nylon Guitar	1							
	26	Steel Guitar	1							
	27 28	Jazz Guitar Clean Guitar	1							
	29	Muted Guitar	1							
	30	Overdriven Guitar	1							
	31	Distortion Guitar	1							
	32	Guitar Harmonics	1							
ass	33	Acoustic Bass	1							
	34	Finger Bass	1							
	35 36	Pick Bass Fretless Bass	1							
	37	Slap Bass 1	1							
	38	Slap Bass 2	1							
	39	Synth Bass 1	1		Stinks	1	+	Stinks Resonant	1	
	40	Synth Bass 2	2							ĺ
trings	41	Violin	1							
	42	Viola Cello	1							
	43	Cello Contrabass	1							
	45	Tremolo Strings	1							
	46	Pizzicato Strings	1							
	47	Orchestral Harp	1							
	48	Timpani	1							1
nsemble	49	Strings 1	1	L						
	50 51	Strings 2 Synth Strings 1	2							
	52	Synth Strings 1 Synth Strings 2	2							
	53	Choir Aahs	1							
	54	Voice Oohs	1							
	55	Synth Voice	1							
	56	Orchestra Hit	2							1
rass	57	Trumpet	1							
	58 59	Trombone Tuba	1							
	60	Muted Trumpet	1							
	61	French Horn	1							
	62	Brass Section	1							
	63	Synth Brass 1	2	L						

- Same as Bank 0

  E Standard Number of Element
  O Option
  Blank : XG Standard, XGLite Standard
  + : XG Option, XGLite Option
   : XG Standard, XGLite Option

					Other Waves 19			Other Waves 20		
Bank Select MSB		0				0			0	
Bank Select LSB		0				82			83	
Instrument Group	PGM#	Name	E	0	Name	E	0	Name	E	C
Piano	1	Grand Piano	1							
	2	Bright Piano	1							
	3	Electric Grand Piano	2							
	4	Honky-tonk Piano	2							
	5	Electric Piano 1	2							
	6	Electric Piano 2	2		Rattling DX	1	+	Rattling DX Plus	2	+
	7	Harpsichord	1							
	8	Clavi	2							
Chromatic	9	Celesta	1							
Percussion	10	Glockenspiel	1							
	11	Music Box	2							
	12	Vibraphone	1	H						
	13	Marimba	1							
	14	Xylophone	1							
	15	Tubular Bells	1							
0	16	Dulcimer	1	_						
Organ	17	Drawbar Organ	1	H						
	18	Percussive Organ	1							
	19	Rock Organ	2							
	20	Church Organ	2	H						
	21	Reed Organ	1							
	22 23	Accordion Hamonica	2							
	23	Tango Accordion	2							
o :	25									
Guitar		Nylon Guitar	1	H						
	26	Steel Guitar		H						
	27 28	Jazz Guitar Clean Guitar	1							
	29	Muted Guitar	1	H						
	30	Overdriven Guitar	1							
	31	Distortion Guitar	1							
	32	Guitar Harmonics	1							
Bass	33	Acoustic Bass	1							
Dass	34	Finger Bass	1							
	35	Pick Bass	1							
	36	Fretless Bass	1							
	37	Slap Bass 1	1							
	38	Slap Bass 2	1							
	39	Synth Bass 1	1		Resonant Square	1	+	Dagger	1	+
	40	Synth Bass 2	2		1			- 00		
Strings	41	Violin	1							
	42	Viola	1							
	43	Cello	1							
	44	Contrabass	1							
	45	Tremolo Strings	1							
	46	Pizzicato Strings	1							
	47	Orchestral Harp	1							
	48	Timpani	1							
Ensemble	49	Strings 1	1							
	50	Strings 2	1							
	51	Synth Strings 1	2							
	52	Synth Strings 2	2							
	53	Choir Aahs	1							
	54	Voice Oohs	1							
	55	Synth Voice	1							
	56	Orchestra Hit	2							
Brass	57	Trumpet	1	L						
	58	Trombone	1							
	59	Tuba	1							
	60	Muted Trumpet	1							
	61	French Horn	1							
	62	Brass Section	1							
		Brass Section Synth Brass 1 Synth Brass 2	1 2 1							

- Same as Bank 0

E - Standard Number of Element
O - Option
Blank : XG Standard, XGLite Standard
+ : XG Option, XGLite Option
- : XG Standard, XGLite Option

					Other Waves 21				Other Waves 22		
Bank Select MSB		0				0				0	
Bank Select LSB		0				84			;	35	
Instrument Group	PGM#	Name	E	О	Name		E	0	Name	E	0
Piano	1	Grand Piano	1								
	2	Bright Piano	1								
	3	Electric Grand Piano	2								
	4	Honky-tonk Piano	2								
	5	Electric Piano 1	2								
	6	Electric Piano 2	2		Tinker DX		1	+	Tinker DX Plus	2	+
	7	Harpsichord	1								-
	8	Clavi	2								4
Chromatic	9	Celesta	1								
Percussion	10	Glockenspiel	1								-
	11	Music Box	2	-							
	12	Vibraphone	1	-							
	13	Marimba	1	-							
	14	Xylophone	1								
	15	Tubular Bells Dulcimer	1	$\vdash$							
0	16		_	┝							+
Organ	17 18	Drawbar Organ Percussive Organ	1	H							
	19	Rock Organ	2	H							
	20	Church Organ	2	$\vdash$							
	20	Reed Organ	1	H							
	22	Accordion	2	H							
	23	Hamonica	1								
	24	Tango Accordion	2	H							
Guitar	25	Nylon Guitar	1	H							+
Julius	26	Steel Guitar	1								
	27	Jazz Guitar	1								
	28	Clean Guitar	1	T							
	29	Muted Guitar	1	T							
	30	Overdriven Guitar	1	İ							
	31	Distortion Guitar	1								
	32	Guitar Harmonics	1								
Bass	33	Acoustic Bass	1								
	34	Finger Bass	1								
	35	Pick Bass	1								
	36	Fretless Bass	1								
	37	Slap Bass 1	1								
	38	Slap Bass 2	1								
	39	Synth Bass 1	1		Zinc		2	+	SweePWM	2	+
	40	Synth Bass 2	2								
Strings	41	Violin	1								
	42	Viola	1								
	43	Cello	1								
	44	Contrabass	1	L							
	45	Tremolo Strings	1	L							
	46	Pizzicato Strings	1	L							
	47	Orchestral Harp	1	H							
	48	Timpani	1								
Ensemble	49	Strings 1	1	H							
	50	Strings 2	1	H							
	51	Synth Strings 1	2	H							
	52	Synth Strings 2	2	H							
	53 54	Choir Aahs Voice Oohs	1	H							
			_	H							
	55 56	Synth Voice Orchestra Hit	1 2	H							
	30		1	H							
D	57			1							
Brass	57	Trumpet		i –							
Brass	58	Trombone	1								
Brass	58 59	Trombone Tuba	1								
Brass	58 59 60	Trombone Tuba Muted Trumpet	1 1 1								
Brass	58 59 60 61	Trombone Tuba Muted Trumpet French Horn	1 1 1								
Brass	58 59 60	Trombone Tuba Muted Trumpet	1 1 1								

- Same as Bank 0
  - E Standard Number of Element

  - O Option
    Blank : XG Standard, XGLite Standard
    - +: XG Option, XGLite Option
      -: XG Standard, XGLite Option
- Bank Select MSB Bank Select LSB Instrument Group PGM# E O Grand Piano 1 1 1 2 2 2 2 2 1 Bright Piano Electric Grand Piano Honky-tonk Piano Electric Piano 1 Electric Piano 2 Harpsichord Clavi 9 10 11 1 1 2 Chromatic Celesta Glockenspiel Music Box 12 13 Vibraphone 1 Xylophone Tubular Bells 14 15 16 Dulcimer 17 Drawbar Organ 18 Percussive Organ Organ 1 Rock Organ Church Organ 19 20 21 22 Reed Organ Accordion 23 24 Hamonica 24 Tango Accordion 25 Nylon Guitar 1 26 27 Steel Guitar Jazz Guitar 28 29 Clean Guita Muted Guitar 30 Overdriven Guitar 31 Distortion Guitar Distortion Guitar Guitar Harmonic 1 Acoustic Bass Finger Bass Pick Bass 33 34 1 35 
   36
   Fretless Bass

   37
   Slap Bass 1

   38
   Slap Bass 2
   1 1 1 Synth Bass 1 40 Synth Bass 2 41 Violin 42 Viola 1 43 Cello 44 45 46 Tremolo Strings Pizzicato Strings 1 Orchestral Harp Timpani Strings 1 47 48 49 50 Strings 2 Synth Strings 1 52 53 Synth Strings 2 Choir Aahs Voice Oohs 54 55 56 Synth Voice Orchestra Hit 1 1 1 57 58 Trumpet 59 Tuba 60 Muted Trumpet 61 French Horn 1 2 1 62 Brass Section Synth Brass 1 64 Synth Brass 2

- Same as Bank 0

  E Standard Number of Element
  O Option
  Blank : XG Standard, XGLite Standard
  + : XG Option, XGLite Option
   : XG Standard, XGLite Option

D 101 3707					Other Waves 25	0			Other Waves 26		
Bank Select MSB		0				0			0		
Bank Select LSB		0	- 1 -			88	_	_	89		Τ.
Instrument Group	PGM#	Name	E	0	Name	1	E	0	Name	Е	0
Piano	1	Grand Piano	1	-							
	2	Bright Piano	1								
	3	Electric Grand Piano	2	-							-
	4	Honky-tonk Piano	2								
	5	Electric Piano 1	2								
	6	Electric Piano 2	2	-							-
	7	Harpsichord Clavi	2	-							
CI .:	9		_	-							4
Chromatic	10	Celesta	1	-							-
Percussion	11	Glockenspiel	2	-							
	12	Music Box	1	-							+
	13	Vibraphone Marimba	1	-							
	14	Xylophone	1	-							+
	15	Tubular Bells	1	H							
	16	Dulcimer	1	-							
Organ	17	Drawbar Organ	1	1							+
Organ	17		1	$\vdash$							
	19	Percussive Organ Rock Organ	2	$\vdash$							
	20	Church Organ	2	$\vdash$							
	20	Reed Organ	1	1							
	22	Accordion	2	-							
	23	Hamonica	1	H							
	24	Tango Accordion	2	-							
Guitar	25	Nylon Guitar	1	-							+
Guitar	26	Steel Guitar	1	-							
	27	Jazz Guitar	1	-							
	28	Clean Guitar	1	H							
	29	Muted Guitar	1	-							+
	30	Overdriven Guitar	1	-							
	31	Distortion Guitar	1	-							
	32	Guitar Harmonics	1	<del>                                     </del>							
Bass	33	Acoustic Bass	1	-							+
Dass	34	Finger Bass	1	-							
	35	Pick Bass	1								
	36	Fretless Bass	1								
	37	Slap Bass 1	1								
	38	Slap Bass 2	1								
	39	Synth Bass 1	1		Crook		2	+	Fast Fretless Bass	1	+
	40	Synth Bass 2	2	1			_	Ė			
Strings	41	Violin	1								+
Strings	42	Viola	1								
	43	Cello	1								
	44	Contrabass	1	H							
	45	Tremolo Strings	1	t							
	46	Pizzicato Strings	1	t							
	47	Orchestral Harp	1	Ħ							
	48	Timpani	1	Ħ							
Ensemble	49	Strings 1	1	T							T
	50	Strings 2	1	t							
	51	Synth Strings 1	2	t							
	52	Synth Strings 2	2	t							
	53	Choir Aahs	1	t							
	54	Voice Oohs	1	t							
	55	Synth Voice	1	t							
	56	Orchestra Hit	2	t							
Brass	57	Trumpet	1	H							Ŧ
	58	Trombone	1	H							
	59	Tuba	1	1							
	60	Muted Trumpet	1	1							
	61	French Horn	1	+							
	62	Brass Section	1	+							
	63	Synth Brass 1	2	+							
	64	Synth Brass 1 Synth Brass 2	1	1							
	04	Synui Drass 2	1	1							

- Same as Bank 0

E - Standard Number of Element
O - Option
Blank : XG Standard, XGLite Standard
+ : XG Option, XGLite Option
- : XG Standard, XGLite Option

_					Other Waves 27			Other Waves 28		
Bank Select MSB		0			0			0		
Bank Select LSB		0			90	)		91		
Instrument Group	PGM#	Name	E	О	Name	E	О	Name	E	0
Piano	1	Grand Piano	1							
	2	Bright Piano	1							
	3	Electric Grand Piano	2							
	4	Honky-tonk Piano	2							
	5	Electric Piano 1	2							
	6	Electric Piano 2	2							
	7	Harpsichord	1							#
	8	Clavi	2							
Chromatic	9	Celesta	1							
Percussion	10	Glockenspiel	1							#
	11	Music Box	2							
	12	Vibraphone	1							
	13	Marimba	1							
	14	Xylophone	1							
	15	Tubular Bells	1							
0	16	Dulcimer	1	⊢						+
Organ	17	Drawbar Organ Percussive Organ	1	H						
	19	Rock Organ	2	$\vdash$						
	20	Church Organ	2	$\vdash$						
	21	Reed Organ	1							
	22	Accordion	2	H						
	23	Hamonica	1							
	24	Tango Accordion	2	h						
Guitar	25	Nylon Guitar	1							+
Cuita	26	Steel Guitar	1							
	27	Jazz Guitar	1	T						
	28	Clean Guitar	1	T						
	29	Muted Guitar	1	T						
	30	Overdriven Guitar	1							
	31	Distortion Guitar	1							
	32	Guitar Harmonics	1							
Bass	33	Acoustic Bass	1							
	34	Finger Bass	1							
	35	Pick Bass	1							
	36	Fretless Bass	1							
	37	Slap Bass 1	1							
	38	Slap Bass 2	1							
	39	Synth Bass 1	1		Rubber30	1	+	Fast Resonant Bass 2	1	+
	40	Synth Bass 2	2							
Strings	41	Violin	1							
	42	Viola	1							
	43	Cello	1							
	44	Contrabass	1	L						
	45	Tremolo Strings	1	L						
	46	Pizzicato Strings	1	H						
	47	Orchestral Harp	1	H						
r	48	Timpani	1	-						
Ensemble	49	Strings 1	1	H						
	50	Strings 2	1	H						
	51	Synth Strings 1	2	H						
	52 53	Synth Strings 2 Choir Aahs	2	H						
	54	Voice Oohs	1	H						
	55	Synth Voice	1	$\vdash$						
	56	Orchestra Hit	2	H						
_	57	Trumpet	1	H						Ŧ
	21		1	H						
Brass	59			1						
Brass	58 59	Trombone Tuba								
Brass	59	Tuba	1							
Brass	59 60	Tuba Muted Trumpet	1							
Brass	59 60 61	Tuba Muted Trumpet French Horn	1 1 1							
Brass	59 60	Tuba Muted Trumpet	1							

- Same as Bank 0

  E Standard Number of Element
  O Option
  Blank : XG Standard, XGLite Standard
  + : XG Option, XGLite Option
   : XG Standard, XGLite Option

					Other Waves 29			Other Waves 30		
Bank Select MSB Bank Select LSB		0				92			93	
	DCM#		177	О			0		93 E	0
Instrument Group Piano	PGM#	Name Grand Piano	E 1	U	Name	Е	0	Name	E	- 0
riano	2	Bright Piano	1							
	3	Electric Grand Piano	2							
	4	Honky-tonk Piano	2	H						
	5	Electric Piano 1	2							
	6	Electric Piano 2	2							
	7	Harpsichord	1							
	8	Clavi	2							
Chromatic	9	Celesta	1							T
Percussion	10	Glockenspiel	1							
	11	Music Box	2							
	12	Vibraphone	1							
	13	Marimba	1							
	14	Xylophone	1							
	15	Tubular Bells	1							ш
~	16	Dulcimer	1							4
Organ	17	Drawbar Organ	1	H						
	18	Percussive Organ	1	H						
	19	Rock Organ	2	H						
	20	Church Organ	2	H						
	21 22	Reed Organ Accordion	2	$\vdash$						
	23	Hamonica	1	H						
	24	Tango Accordion	2							
Guitar	25	Nylon Guitar	1	H			+			+
Guitai	26	Steel Guitar	1							
	27	Jazz Guitar	1							
	28	Clean Guitar	1							
	29	Muted Guitar	1							
	30	Overdriven Guitar	1	T						
	31	Distortion Guitar	1	İ						
	32	Guitar Harmonics	1							
Bass	33	Acoustic Bass	1							
	34	Finger Bass	1							
	35	Pick Bass	1							
	36	Fretless Bass	1							
	37	Slap Bass 1	1							
	38	Slap Bass 2	1							
	39	Synth Bass 1	1		Minneapolis Bass	2	+	Miami Bass	2	+
	40	Synth Bass 2	2							
Strings	41	Violin	1	L						
	42	Viola	1	L						
	43	Cello	1	L						
	44	Contrabass	1	H						
	45	Tremolo Strings	1	H						
	46 47	Pizzicato Strings Orchestral Harp	1	H						
	48	Orchestral Harp Timpani	1	$\vdash$						
Ensemble	48	Strings 1	1	$\vdash$						+
	50	Strings 2	1	H						
	51	Synth Strings 1	2	H						
	52	Synth Strings 2	2	H						
	53	Choir Aahs	1	H						
	54	Voice Oohs	1	H						
	55	Synth Voice	1	T						
	56	Orchestra Hit	2	T						
Brass	57	Trumpet	1	Т						T
	58	Trombone	1	Г						
	59	Tuba	1							
	60	Muted Trumpet	1							
	61	French Horn	1							
	62	Brass Section	1							
	63	Synth Brass 1	2	L						
	64	Synth Brass 2	1							

- Same as Bank 0

E - Standard Number of Element

O - Option
Blank : XG Standard, XGLite Standard

+: XG Option, XGLite Option
-: XG Standard, XGLite Option

64

Synth Brass 2

Bank Select MSB Bank Select LSB 94 96 97 Instrument Group PGM# E O Grand Piano Piano 1 1 1 2 2 2 2 2 1 1 2 Bright Piano Electric Grand Piano Honky-tonk Piano Electric Piano 1 Electric Piano 2 Harpsichord Clavi 9 10 1 1 2 Chromatic Celesta Glockenspiel 11 Music Box 12 13 Vibraphone 1 Balimba 14 Xylophone 15 Tubular Bells Church Bells Carillon Dulcimer Drawbar Organ 16 17 Organ 1 18 Rock Organ Church Organ 19 20 21 Reed Organ Accordion 23 24 Hamonica Tango Accordion Nylon Guitar 25 1 26 27 Steel Guitar Jazz Guitar Mandolin Mandolin Ensemble Pedal Steel Guita 1 28 29 Clean Guita Muted Guitar Muted Distortion Guitar 30 31 Overdriven Guitar Distortion Guitar 1 Guitar Harmonic 33 34 Acoustic Bass 1 Walking Synth Bass + Dim & Cool Finger Bass Pick Bass 35 36 37 38 Fretless Bass Slap Bass 1 Synth Fretless mooth Fretless 1 1 1 Slap Bass 2 Synth Bass 1 40 Synth Bass 2 41 Violin Viola 1 43 Cello 44 45 46 Tremolo Strings Pizzicato Strings 1 Orchestral Harp Timpani Strings 1 47 /iolin Harp Violin Harp Detuned 48 49 50 51 Strings 2 Synth Strings 1 52 53 Synth Strings 2 Choir Aahs 54 Voice Oohs oice Humming 55 56 Synth Voice Orchestra Hit 1 1 1 57 58 Trumpet lugel Hom 59 Tuba Muted Trumpet 60 61 French Horn 62 Brass Section 2

- Same as E - Standar		of Element				
O - Option						
Blank	: XG Stan	dard, XGLite Standard				
+: X0	G Option,	XGLite Option				
-: XC	3 Standard	, XGLite Option				
					Other Instruments 3	
Bank Select MSB		0			0	
Bank Select LSB		0			98	
Instrument Group	PGM#	Name	E	O	Name	E
Piano	1	Grand Piano	1			
	2	Bright Piano	1			
	3	Electric Grand Piano	2			
	4	Honky-tonk Piano	2			
	5	Electric Piano 1	2			
	6	Electric Piano 2	2			
	7	Harpsichord	1			
	8	Clavi	2			
Chromatic	9	Celesta	1			
Percussion	10	Glockenspiel	1			
	11	Music Box	2			
	12	Vibraphone	1			
	13	Marimba	1	_	Log Drums	2
	14	Xylophone	1			
	15	Tubular Bells	1		V 0'	
	16	Dulcimer	1	_	Yang Qin	2
Organ	17	Drawbar Organ	1			
	18	Percussive Organ	1			
	19	Rock Organ	2			
	20	Church Organ	2			
	21	Reed Organ Accordion	2			
	22					
	23	Hamonica	1 2			
3.1.		Tango Accordion				
Guitar	25	Nylon Guitar Steel Guitar	1			
	26 27	Jazz Guitar	1			
	28	Clean Guitar	1			
	29	Muted Guitar	1			
	30	Overdriven Guitar	1			
	31	Distortion Guitar	1			
	32	Guitar Harmonics	1			
Bass	33	Acoustic Bass	1	_		
Julio -	34	Finger Bass	1			
	35	Pick Bass	1			
	36	Fretless Bass	1			
	37	Slap Bass 1	1			
	38	Slap Bass 2	1			
	39	Synth Bass 1	1			
	40	Synth Bass 2	2			
Strings	41	Violin	1			
	42	Viola	1			
	43	Cello	1			
	44	Contrabass	1			
	45	Tremolo Strings	1			
	46	Pizzicato Strings	1			
	47	Orchestral Harp	1			
	48	Timpani	1			
Ensemble	49	Strings 1	1			
	50	Strings 2	1			
	51	Synth Strings 1	2			
	52	Synth Strings 2	2			
	53	Choir Aahs	1			
	54	Voice Oohs	1			
	55	Synth Voice	1			
	56	Orchestra Hit	2			
Brass	57	Trumpet	1			
	58	Trombone	1			
	59	Tuba	1			
	60	Muted Trumpet	1			
	61	French Horn	1			
	62	Brass Section	1			
	63	Synth Brass 1	2			
	64	Synth Brass 2	1			

- Same as Bank 0

  E Standard Number of Element
  O Option
  Blank : XG Standard, XGLite Standard
  + : XG Option, XGLite Option
   : XG Standard, XGLite Option

					Other Instruments 4			Other Instruments 5		Other	er Instruments 6	
Bank Select MSB	-	0			0	•		0	•		0	
Bank Select LSB		0			99			100			101	
Instrument Group	PGM#	Name	E	О	Name	E	o	Name	E C	)	Name	E
Piano	1	Grand Piano	1									
	2	Bright Piano	1									
	3	Electric Grand Piano	2									
	4	Honky-tonk Piano	2									
	5	Electric Piano 1	2									
	6	Electric Piano 2	2									
	7	Harpsichord	1									
	8	Clavi	2									
Chromatic	9	Celesta	1									
Percussion	10	Glockenspiel	1									
	11	Music Box	2									
	12	Vibraphone	1									
	13	Marimba	1									
	14	Xylophone	1									
	15	Tubular Bells	1	1								
	16	Dulcimer	1	1								
Organ	17	Drawbar Organ	1	1								
	18	Percussive Organ	1	1								
	19	Rock Organ	2	1								
	20	Church Organ	2	1								
	21	Reed Organ	1									
<u> </u>	22	Accordion	2	1								
-	23	Hamonica	1	1								
	24	Tango Accordion	2	-								
Guitar	25	Nylon Guitar	1									
	26	Steel Guitar	1	-								
	27	Jazz Guitar	1									
	28	Clean Guitar	1	-								
	29	Muted Guitar	1									
	30	Overdriven Guitar	1	₽								
	31	Distortion Guitar	1	-								
_	32	Guitar Harmonics	1	-						_		
Bass	33	Acoustic Bass	1									
	34	Finger Bass	1	₽								
	35	Pick Bass	1	-								
	36	Fretless Bass	1	$\vdash$								
	37 38	Slap Bass 1 Slap Bass 2	1	$\vdash$								
	39	Synth Bass 1	1	$\vdash$								
			2	$\vdash$								
Strings	40 41	Synth Bass 2 Violin	1	+								
Strings	41		1	+								
<u> </u>	42	Viola Cello	1	1								
<u> </u>	44	Contrabass	1	+								
<u> </u>	45	Tremolo Strings	1	1								
1	45	Pizzicato Strings	1	1								
	47	Orchestral Harp	1	$\vdash$								
	48	Timpani	1	t								
Ensemble	49	Strings 1	1	+								
	50	Strings 2	1	$\vdash$								
	51	Synth Strings 1	2	t								
	52	Synth Strings 2	2	t								
	53	Choir Aahs	1	t								
	54	Voice Oohs	1	t								
	55	Synth Voice	1	t								
	56	Orchestra Hit	2	t								
Brass	57	Trumpet	1	+								
	58	Trombone	1	t								
	59	Tuba	1	t								
	60	Muted Trumpet	1	t								
	61	French Horn	1	t								
	62	Brass Section	1	t								
	63	Synth Brass 1	2	t								
		Synth Brass 2	1	t								

- Same as Bank 0

  E Standard Number of Element
  O Option
  Blank : XG Standard, XGLite Standard
  + : XG Option, XGLite Option
   : XG Standard, XGLite Option

					KSP			Stereo			Single		
Bank Select MSB		0			0			0			0		
Bank Select LSB		0			1			3			6		
Instrument Group	PGM#	Name	E	О	Name	Е	О	Name	Е	o	Name	E	0
Reed	65	Soprano Sax	1										
	66	Alto Sax	1										
	67	Tenor Sax	1										
	68	Baritone Sax	1										
	69	Oboe	2										
	70	English Horn	1										
	71	Bassoon	1										
	72	Clarinet	1										
Pipe	73	Piccolo	1										
	74	Flute	1										
	75	Recorder	1										
	76	Pan Flute	1										
	77	Blown Bottle	2										
	78	Shakuhachi	2										
-	79	Whistle	1	L									
	80	Ocarina	1	_									1
Synth Lead	81	Square Lead	2	-							Square Lead 2	1	_
-	82	Sawtooth Lead	2	L							Sawtooth Lead 2	1	
ļ	83	Calliope Lead	2	-									
	84	Chiff Lead	2	H									
	85	Charang Lead	2	H									
	86	Voice Lead	2										
	87 88	Fifths Lead	2										
		Bass & Lead	_										
Synth Pad	89	New Age Pad	2										
	90	Warm Pad	2										
	91	Poly Synth Pad	2										
	92 93	Choir Pad Bowed Pad	2										
	93		2										
	95	Metallic Pad	2										
	96	Halo Pad Sweep Pad	2										
Synth Effects	97	Rain	2										
Synth Effects	98	Sound Track	2										
	99	Crystal	2										
	100	Atmosphere	2										
	101	Brightness	2										
	102	Goblins	2										
	103	Echoes	2										
	104	Sci-Fi	2										
Ethnic	105	Sitar	1										
Lame	106	Banjo	1										
	107	Shamisen	1										
	108	Koto	1	$\vdash$									
	109	Kalimba	1	T									
	110	Bagpipe	2	Т									
	111	Fiddle	1										
	112	Shanai	1										
Percussive	113	Tinkle Bell	2							ĺ			ĺ
	114	Agogo	2										
	115	Steel Drums	2										
	116	Woodblock	1										
	117	Taiko Drum	1										
	118	Melodic Tom	2										
	119	Synth Drum	1										
	120	Reverse Cymbal	1	L									
Sound Effects	121	Fret Noise	2										Ī
	122	Breath Noise	2										
	123	Seashore	2										
	124	Bird Tweet	2										
	125	Telephone Ring	1										
	126	Helicopter	1										
	127	Applause	1	Ĺ									
	128	Gunshot	1										

- Same as Bank 0
  E Standard Number of Element

  - O Option
    Blank : XG Standard, XGLite Standard
    - +: XG Option, XGLite Option
      -: XG Standard, XGLite Option
- Bank Select MSB Bank Select LSB 14 Instrument Group PGM# E O Name E O E O Vague Soprano Sax 65 Soprano Sax 1 1 1 1 2 1 1 1 66 Alto Sax Tenor Sax Baritone Sax Oboe 68 69 70 English Horn 71 72 Bassoon Clarinet 73 74 Piccolo Flute Recorder 1 1 1 75 Pan Flute Blown Bottle Shakuhachi 76 77 78 1 2 2 1 Whistle 79 80 Square Lead Sawtooth Lead Synth Lead 81 LM Square Thick Sawtooth 82 83 Calliope Lead 84 Chiff Lead 85 86 87 Charang Lead Voice Lead Fifths Lead Fifths Lead Soft 88 Bass & Lead 89 90 91 Synth Pad New Age Pad 2 2 2 2 2 Warm Pad Poly Synth Pad 92 93 Choir Pad Bowed Pad 94 Metallic Pad 2 2 95 96 Halo Pad Sweep Pad 97 98 Rain Sound Track Synth Effects 99 Crystal ynth Drum Comp 100 Atmosphere 101 Brightness 102 Goblins 104 Sci-Fi 105 Sitar 1 106 Banjo 107 108 109 110 Kalimba 2 Bagpipe Fiddle 111 112 113 Tinkle Bell 114 Agogo 115 Steel Drums 116 Woodblock 117 Taiko Drum 118 Melodic Tom Synth Drum 119 1 Reverse Cym Sound Effects 121 122 Fret Noise Breath Noise 123 Seashore 124 Bird Tweet 1 1 1 Telephone Ring 125 Helicopter 126 Applause

- Same as Bank 0
  - E Standard Number of Element

  - O Option
    Blank : XG Standard, XGLite Standard

Applause

- +: XG Option, XGLite Option
  -: XG Standard, XGLite Option
- Bank Select MSB Bank Select LSB 18 16 17 Instrument Group PGM# E O E O 1 1 1 1 2 65 Soprano Sax 66 67 Alto Sax Tenor Sax Alto Sax Legato Baritone Sax Oboe 68 69 70 English Horn 71 72 Bassoon Clarinet 1 73 74 Piccolo Flute Recorder 1 1 1 75 Pan Flute Blown Bottle Shakuhachi 76 77 78 1 2 2 1 Whistle 79 80 Square Lead Sawtooth Lead Synth Lead 81 2 2 Hollow 1 Dynamic Sawtooth 82 83 Calliope Lead 84 Chiff Lead 85 86 87 Charang Lead Voice Lead Fifths Lead Big & Low 88 Bass & Lead 89 90 91 Synth Pad New Age Pad 2 2 2 2 Warm Pad Poly Synth Pad Thick Pad Soft Pad - Sine Pad 92 93 Choir Pad Bowed Pad 94 Metallic Pad 2 2 95 96 Halo Pad Sweep Pad 97 98 Rain Sound Track Synth Effects 99 Crystal Tiny Bells 2 2 2 2 2 100 Atmosphere 101 Brightness 102 Goblins Warm Atmosphere 104 Sci-Fi 105 Sitar 1 106 Banjo 107 108 109 110 Kalimba 2 Bagpipe Fiddle 111 112 113 Tinkle Bell 114 Agogo 115 Steel Drums 116 Woodblock 117 Taiko Drum 118 Melodic Tom Synth Drum 119 1 Reverse Cym Sound Effects 121 122 Fret Noise Breath Noise 123 Seashore 124 Bird Tweet 1 1 1 Telephone Ring 125 Helicopter 126

- Same as Bank 0

  E Standard Number of Element
  O Option
  Blank : XG Standard, XGLite Standard
  + : XG Option, XGLite Option
   : XG Standard, XGLite Option

					Dark 2			Resonant			LFO - Cutoff Freq	_	_
Bank Select MSB		0			0			0			0		
Bank Select LSB		0		_	19	_		20	_		21		
Instrument Group	PGM#	Name	E	0	Name	E	0	Name	E	О	Name	Е	0
Reed	65	Soprano Sax	1										
	66	Alto Sax	1										
	67	Tenor Sax	1										
	68	Baritone Sax	1										
	69	Oboe	2										
	70	English Horn	1										
	71	Bassoon	1										
	72	Clarinet	1										
Pipe	73	Piccolo	1										
	74	Flute	1										
	75	Recorder	1										
	76	Pan Flute	1										
	77	Blown Bottle	2										
	78	Shakuhachi	2										
	79	Whistle	1										
	80	Ocarina	1										
Synth Lead	81	Square Lead	2		Shroud	2	Ш						
	82	Sawtooth Lead	2		Digital Sawtooth	2		Big Lead	2				
	83	Calliope Lead	2										
	84	Chiff Lead	2										
	85	Charang Lead	2										
	86	Voice Lead	2										
	87	Fifths Lead	2										
	88	Bass & Lead	2										
Synth Pad	89	New Age Pad	2										
	90	Warm Pad	2										
	91	Poly Synth Pad	2										
	92	Choir Pad	2										
	93	Bowed Pad	2										ļ_
	94	Metallic Pad	2										ļ_
	95	Halo Pad	2										
	96	Sweep Pad	2					Shwimmer	2	-			
Synth Effects	97	Rain	2										
	98	Sound Track	2										ļ_
	99	Crystal	2										
	100	Atmosphere	2		Hollow Release	2							-
	101	Brightness	2										
	102	Goblins	2										
	103	Echoes	2										L
	104	Sci-Fi	2										
Ethnic	105	Sitar	1										
	106	Banjo	1										
	107	Shamisen	1										
-	108	Koto	1	L									
<u> </u>	109	Kalimba	1	L									
-	110	Bagpipe	2										
-	111	Fiddle	1									H	H
	112	Shanai	1										
Percussive	113	Tinkle Bell	2	L									
-	114	Agogo	2	L									
-	115	Steel Drums	2	L									
ļ	116	Woodblock	1	L									
-	117	Taiko Drum	1										
ļ	118	Melodic Tom	2	L									
	119	Synth Drum	1										
	120	Reverse Cymbal	1										
Sound Effects	121	Fret Noise	2	L									
	122	Breath Noise	2										
	123	Seashore	2										
	124	Bird Tweet	2										
	125	Telephone Ring	1	L									
ļ	126	Helicopter	1	L									
	127	Applause	1										
	128	Gunshot	1	1									

- Same as Bank 0

  E Standard Number of Element
  O Option
  Blank : XG Standard, XGLite Standard
  + : XG Option, XGLite Option
   : XG Standard, XGLite Option

Black Select LSD						Vel - Cutoff Freq		Attack			Release			Sweep		
Black Steel Color	ank Select MSB		0												_	_
Interment Group   CAMP   Name   E   O   O   O   O   O   O   O   O   O															_	_
Roof	Instrument Group	PGM#	Name	E	О	Name	E (	Name	Е	О	Name	Е	О	Name	Е	О
67   Temo Sax																
68		66	Alto Sax	1												
69   Oloce		67	Tenor Sax	1												
The color		68	Baritone Sax	1												
Process		69	Oboe	2												
Carrier   Carr		70	English Horn	1												
Pope         73         Necolo         1           4         4         Pine         1           75         Recorder         1           76         Pan Flute         1           77         Blown Bottle         2           8         Shakshuchi         2           9         Ovarina         1           90         Osarina         1           1         1           Symb Lead         2           83         Calliope Lead         2           83         Calliope Lead         2           85         Charrie Lead         2           85         Charrie Lead         2           85         Charrie Lead         2           85         Osare Lead         2           85         Osare Lead         2           95         Voice Lead         2           85         Osare Lead         2           95         Voice Lead         2           96         Voice Lead         2           97         Rinb Lead         2           98         Swel Lead         2           99         Swel Lead         2		71	Bassoon	1												
The   The			Clarinet	1												
75	ipe	73	Piccolo	1												
76																
New Nortice																
78																
Symb   Lead																
Section																
Symb   Lend																
Section   Sect				_												
Section   Sect	ynth Lead				-			v							F	F
Section   Charle					H			Heavy Synth	2	-	Waspy Synth	2	-	Mondo	1	+
Section   Sect					-											
Second   S																H
ST   Fifths Lead   2					$\vdash$			0 4 4 1								H
Symth Pad							-	Synth Aahs	2	-						H
Symh Pad         89         New Age Pad         2           90         Warm Pad         2           91         Poly Symh Pad         2           92         Choir Pad         2           93         Bowed Pad         2           94         Metallic Pad         2           95         Halo Pad         2           96         Sweep Pad         2           Symh Effects         97         Rain         2           99         Crystal         2           100         Atmosphere         2           101         Brighness         2           102         Goblins         2           103         Echoes         2           104         Starf         1           105         Star         1           107         Shamisen         1           108         Rainbaa         1           109         Satimba         1           101         Bagipie         2           101         Bagipie         2           101         Bagipie         2           111         Fiddle         1           111         Faddl							-									H
90   Warm Pad   2	4.0.1			_			+									H
91   Poly Symh Pad   2	ynth Pad						-									H
92   Choir Pad   2							-									H
93   Bowed Pad   2							-									H
94   Metallic Pad   2							-									H
95   Halo Pad   2							-									H
Symb Effects																H
Synth Effects         97         Rain         2           98         Sound Track         2           99         Cystal         2           100         Atmosphere         2           101         Brightness         2           102         Goblins         2           103         Echoes         2           104         Sci-Fi         2           Ehnic         105         Star           106         Banjo         1           107         Shamisen         1           108         Koto         1           109         Kalimba         1           110         Baggipe         2           12         Shanai         1           111         Fiddle         1           112         Shanai         1           113         Tinkle Bell         2           114         Agogo         2           115         Seel Drums         2           116         Woodblock         1           117         Taiko Drum         1           118         Medoic Tom         2           120         Reverse Cymbal																
98   Sound Track   2	vnth Effects						+		1							H
99   Crystal   2	,															
100   Atmosphere   2																
101   Brightness   2																П
102   Goblins   2		101														П
103   Echoes   2		102														П
Ethnic																П
106 Banjo		104	Sci-Fi	2												T
107   Shamisen   1	thnic	105	Sitar	1												П
108   Koto   1					L											
109   Kalimba			Shamisen													
110   Bagpipe   2		108	Koto	1												
111   Fiddle					L											
112   Shanai					L											
Percussive 113 Tinkle Bell 2																
114   Agogo   2				_												
115   Steel Drums   2	ercussive		Tinkle Bell													
116   Woodblock   1					L											
117   Taiko Drum   1																
118   Melodic Tom   2					-											
119   Synth Drum					-											
120   Reverse Cymbal   1				_												H
Sound Effects 121 Fret Noise 2					$\vdash$		$\blacksquare$									H
122   Breath Noise   2	1 Free															
123   Seashore   2	ound Effects				$\vdash$		$\blacksquare$									F
124 Bird Tweet   2																
125   Telephone Ring   1					-											
126   Helicopter   1					$\vdash$											
127 Applause 1					H		H									H
					$\vdash$											
128 Gunebot 1		127	Appiause Gunshot	1	$\vdash$											H

Sound Effects

121 122

123 Seashore

124

Fret Noise Breath Noise

Bird Tweet

Applause

Telephone Ring Helicopter 126

1 1 1

- Same as Bank 0

  E Standard Number of Element

  - O Option
    Blank : XG Standard, XGLite Standard
    - +: XG Option, XGLite Option
      -: XG Standard, XGLite Option
- Bank Select MSB Bank Select LSB Instrument Group PGM# E O 65 Soprano Sax 1 1 1 1 2 1 1 1 66 Alto Sax Tenor Sax Baritone Sax Oboe 68 69 70 English Horn 71 72 Bassoon Clarinet 73 74 Piccolo Flute Recorder 1 1 1 75 Pan Flute Blown Bottle Shakuhachi 76 77 78 1 2 2 1 79 Whistle 80 Square Lead Sawtooth Lead Synth Lead 81 82 Rezzy Sawtooth 83 Calliope Lead 84 Chiff Lead 85 86 87 Charang Lead Voice Lead Fifths Lead 88 Bass & Lead 89 90 91 Synth Pad New Age Pad 2 2 2 2 Warm Pad Poly Synth Pad 92 93 Choir Pad Bowed Pad 94 Metallic Pad 2 2 95 96 Halo Pad Sweep Pad 97 98 Rain Sound Track Synth Effects 2 2 2 2 2 2 2 104 Sci-Fi 1 1 105 Sitar 106 Banjo Muted Banjo 107 108 109 110 Kalimba 2 Bagpipe Fiddle 111 112 113 Tinkle Bell 114 Agogo 115 Steel Drums 116 Woodblock 117 Taiko Drum 118 Melodic Tom Synth Drum 119 1 Reverse Cym

E - Standa O - Option Blant +: X	n k: XG Stan KG Option, 2	of Element dard, XGLite Standard XGLite Option , XGLite Option									
		1			Detune 1		Detune 2		1	Detune 3	
Bank Select MSB Bank Select LSB		0			0 32			33		0 34	
Instrument Group	PGM#	Name	Е	О	Name	Е	O Nar		ЕО	Name	Е
Reed	65	Soprano Sax	1		Tune		7111	iic		Tune	
	66	Alto Sax	1	İ							
	67	Tenor Sax	1								
	68	Baritone Sax	1								
	69	Oboe	2	┡							
	70 71	English Horn Bassoon	1	$\vdash$							
	72	Clarinet	1	T							
Pipe	73	Piccolo	1								
	74	Flute	1								
	75	Recorder	1								
	76 77	Pan Flute Blown Bottle	2	H							
	78	Shakuhachi	2	H							
	79	Whistle	1	t							
	80	Ocarina	1	L							
Synth Lead	81	Square Lead	2								
	82	Sawtooth Lead	2		Double Sawtooth	2	+				
	83	Calliope Lead	2	-							
	84 85	Chiff Lead Charang Lead	2	1							
	86	Voice Lead	2	t							
	87	Fifths Lead	2	İ							
	88	Bass & Lead	2								
Synth Pad	89	New Age Pad	2								
	90	Warm Pad	2	┡							
	92	Poly Synth Pad Choir Pad	2	+							
	93	Bowed Pad	2								
	94	Metallic Pad	2								
	95	Halo Pad	2								
	96	Sweep Pad	2								
Synth Effects	97 98	Rain Sound Track	2	┡							
	98	Crystal	2	1							
	100	Atmosphere	2	t							
	101	Brightness	2								
	102	Goblins	2	L							
	103	Echoes	2								
Ethnic	104 105	Sci-Fi Sitar	2	1	Detuned Sitar	2					
EMHIC	105	Sitar Banjo	1	H	Detailed Shar	2					
	107	Shamisen	1	t							
	108	Koto	1								
	109	Kalimba	1	L							
	110	Bagpipe	2	1							
	111	Fiddle Shanai	1	H							
Percussive	112	Tinkle Bell	2	+							
	114	Agogo	2	t							
	115	Steel Drums	2								
	116	Woodblock	1								
	117	Taiko Drum Maladia Tom	2	1							
	118 119	Melodic Tom Synth Drum	1	-							
	120	Reverse Cymbal	1	H							
Sound Effects	121	Fret Noise	2	T							
	122	Breath Noise	2								
	123	Seashore	2	L							
	124	Bird Tweet	2	1							
	125	Telephone Ring Helicopter	1	-							
	126 127	Applause	1								
	128	Gunshot	1	t							

- Same as Bank 0

  E Standard Number of Element
  O Option
  Blank : XG Standard, XGLite Standard
  + : XG Option, XGLite Option
   : XG Standard, XGLite Option

Black Select ASS						Octave 1			Octave 2		
Section	Bank Select MSB		0			0			0		_
Reed         65         Abox Sax         1           66         Abox Sax         1           67         Tener Sax         1           69         Obec         2           70         Baph Hern         1           71         Bassoon         1           72         Clurier         1           73         Bassoon         1           Pepe         73         Recole         1           75         Baccoler         1           76         Par Hule         1           77         Bushababi         2           8         Secouler         1           78         Bushababi         2           8         Symboon         1           9         Visite         1           9         Visite         1           9         Visite         1           18         Callippe Lead         2           18         Callippe Lead         2           19         Visite         2           19         Visite         2           19         Visite         2           10         Visite         2											_
Reed         65         Abox Sax         1           66         Abox Sax         1           67         Tener Sax         1           69         Obec         2           70         Baph Hern         1           71         Bassoon         1           72         Clurier         1           73         Bassoon         1           Pepe         73         Recole         1           75         Baccoler         1           76         Par Hule         1           77         Bushababi         2           8         Secouler         1           78         Bushababi         2           8         Symboon         1           9         Visite         1           9         Visite         1           9         Visite         1           18         Callippe Lead         2           18         Callippe Lead         2           19         Visite         2           19         Visite         2           19         Visite         2           10         Visite         2		PGM#	Name	Е	О	Name	E	0	Name	Е	О
Money											
March											П
Section   Sect											П
O					İ						ı
70   English Horn   1					H						H
71   Bascon   1					H						H
Carlinet   1					H						H
Pipe											H
74   Flue	Dina							+		+	۲
75	ripe				H			+		-	H
76											H
1					H			+		-	H
78					H			+		-	H
79    Whistie											H
Synth Lead											H
Synth Lead         81         Square Lead         2         1         2 Cocillators         2         +         Dim Sawtooth           83         Callope Lead         2         1         Toy Lead         2         +         Dim Sawtooth           84         Chiff Lead         2         1         -<					$\vdash$			H		H	H
Second   S					1	40.00					F
Same   Same   Chiff Lead   2	Synth Lead				$\vdash$						f
Section   Sect					L	Toy Lead	2	+	Dim Sawtooth	2	+
S					H						
86					L						
Synth Pad					L						
Synth Pad											
Synth Pad         89         New Age Pad         2         I         Inchmisted of the part of						Big Five	2				
90    Warm Pad   2		88	Bass & Lead	2							
91 Poly Synth Pad 2	Synth Pad	89	New Age Pad	2							П
92   Choir Pad   2		90	Warm Pad	2							
93   Bowed Pad   2		91	Poly Synth Pad	2							
94		92	Choir Pad	2							
Main		93	Bowed Pad	2							T
Main		94	Metallic Pad	2							
Synth Effects         97         Rain         2         1		95									T
Synth Effects         97         Rain         2         1											T
98 Sound Track 2   Round Glockenspiel 2   Rou	Synth Effects										Г
Second Second	-	98									П
100						Round Glockenspiel	2	_			П
101   Brightness   2   2   2   3   4   4   5   5   5   6   6   6   6   6   6   6											П
Goblins											П
103   Echoes   2   2   2   3   4   4   5   5   5   5   5   5   5   5					İ						ı
Sci-Fi					H						H
Ethnic         105         Sitar         1         Sitar 2         2         0           106         Banjo         1         1         1         1         0         1         0         1         0         1         0         1         0         1         0 <td></td> <td></td> <td></td> <td></td> <td>H</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>H</td>					H						H
106   Banjo	Ethnic	_				Sitor 2	2	_		╫	H
107   Shamisen   1   1   1   1   1   1   1   1   1	-AHIIC				H		2			H	f
108   Koto   1   1   1   1   1   1   1   1   1					H						f
109   Kalimba					$\vdash$			H		H	H
110   Bagpipe   2					$\vdash$			H		H	H
111   Fiddle					$\vdash$						Н
112   Shanai					H					H	H
Percussive         113         Tinkle Bell         2           114         Agogo         2           115         Steel Drums         2           116         Woodblock         1           117         Taiko Drum         1           118         Melodic Tom         2           119         Synth Drum         1           120         Reverse Cymbal         1           121         Fret Noise         2           122         Breath Noise         2           123         Seashore         2           124         Bird Tweet         2           125         Telephone Ring         1           126         Helicopter         1           127         Applause         1					H						H
114   Agogo   2	ъ .				1					H	F
115   Steel Drums   2	Percussive				$\vdash$					H	H
116   Woodblock   1					$\vdash$					H	H
117   Taiko Drum   1					H						H
118   Melodic Tom   2					H						F
119   Synth Drum					H						F
120   Reverse Cymbal   1					H						F
Sound Effects   121					H						F
122   Breath Noise   2											
123   Seashore   2	Sound Effects										П
124   Bird Tweet   2											
125   Telephone Ring   1											
126   Helicopter   1		124	Bird Tweet	2							
126   Helicopter   1		125	Telephone Ring	1	Ľ			Г			
127 Applause 1		126		1	L						
		127		1	Ι						
126 Guisiot I		128	Gunshot	1							Г

- Same as Bank 0

  E Standard Number of Element
  O Option
  Blank : XG Standard, XGLite Standard
  + : XG Option, XGLite Option
   : XG Standard, XGLite Option

					5th 1		5t	th 2			Bend		
Bank Select MSB		0			0			0			0		
Bank Select LSB		0			37			38			39		
Instrument Group	PGM#	Name	E	О	Name	Е	О	Name	E	O	Name	E	0
Reed	65	Soprano Sax	1										
	66	Alto Sax	1										
	67	Tenor Sax	1										
	68	Baritone Sax	1										
	69	Oboe	2										
	70	English Horn	1										
	71	Bassoon	1										
	72	Clarinet	1			$\perp$	_						
Pipe	73	Piccolo	1										
	74	Flute	1										
	75	Recorder	1				_						
	76 77	Pan Flute	1										
		Blown Bottle	2				_						
	78	Shakuhachi	2										
	79	Whistle	1				_						
Cunth Log-	80	Ocarina Square Load	1	H									
Synth Lead	81 82	Square Lead Sawtooth Lead	2	$\vdash$									
	82	Calliope Lead	2	$\vdash$									
	83	Chiff Lead	2	$\vdash$									
	85	Charang Lead	2	H									
	86	Voice Lead	2	h									
	87	Fifths Lead	2										
	88	Bass & Lead	2	h									
Synth Pad	89	New Age Pad	2										
Jim rud	90	Warm Pad	2										
	91	Poly Synth Pad	2	T									
	92	Choir Pad	2										
	93	Bowed Pad	2	T									
	94	Metallic Pad	2										
	95	Halo Pad	2										
	96	Sweep Pad	2										
Synth Effects	97	Rain	2										
	98	Sound Track	2										
	99	Crystal	2										
	100	Atmosphere	2										
	101	Brightness	2										
	102	Goblins	2										
	103	Echoes	2										
	104	Sci-Fi	2										
Ethnic	105	Sitar	1										
	106	Banjo	1										
	107	Shamisen	1										
	108	Koto	1	L									
	109	Kalimba	1										
	110	Bagpipe	2	L									
	111	Fiddle	1	H									
	112	Shanai	1	1									
Percussive	113	Tinkle Bell	2	H									
	114	Agogo	2	H									
	115	Steel Drums	2	H									
	116	Woodblock	1	H									
	117	Taiko Drum	1 2	H									
	118	Melodic Tom	1	H									
	119 120	Synth Drum Reverse Cymbal	1	H									
Sound Efforts	120		2	⊢			-						
Sound Effects		Fret Noise		H									
	122 123	Breath Noise Seashore	2	H									
	123	Bird Tweet	2	$\vdash$									
	124	Telephone Ring	1	H									
	126	Helicopter	1	H									
	127	Applause	1	H									
		11	1 *	1									

- Same as Bank 0

E - Standard Number of Element

O - Option
Blank : XG Standard, XGLite Standard

+: XG Option, XGLite Option
-: XG Standard, XGLite Option

128

Tutti 1 Bank Select MSB Bank Select LSB 40 41 ЕО ЕО Instrument Group PGM# Name E O 65 Soprano Sax 1 66 67 Alto Sax Tenor Sax Sax Secti reathy Tenor Sax Soft Tenor Sax Baritone Sax Oboe 68 69 70 English Horn 71 72 Bassoon Clarinet 1 Synth & Clari 73 74 Piccolo Flute Recorder 1 1 1 Neat Breath 75 Pan Flute Blown Bottle Shakuhachi 76 77 78 2 2 1 Whistle 79 80 Square Lead Sawtooth Lead Synth Lead 81 2 2 2 2 2 82 Pulse Sawtooth Dr. Lead 83 Calliope Lead Novice Salt Lead 84 Chiff Lead 85 86 87 Charang Lead Voice Lead Fifths Lead 88 Bass & Lead 89 New Age Pad 90 Warm Pad 91 Poly Synth Pac Synth Pad 2 2 2 2 2 Warm Pad Poly Synth Pad Vishnu 92 93 Choir Pad Bowed Pad 94 Metallic Pad 2 2 95 96 Halo Pad Sweep Pad 97 98 Rain Sound Track Synth Effects 99 Crystal Clear Bells 100 Atmosphere 101 Brightness 102 Goblins Nylon Electric Piano 2 2 2 2 104 Sci-Fi 105 Sitar 1 2 + 106 Banjo 107 108 109 110 Kalimba 2 Bagpipe Fiddle 111 112 113 Tinkle Bell 114 Agogo 115 Steel Drums Woodblock Taiko Drum 116 117 118 Melodic Tom Synth Drum 119 1 Reverse Cym Sound Effects 121 122 Fret Noise Breath Noise Seashore 123 124 Bird Tweet 1 1 1 Telephone Ring 125 Helicopter 126 Applause

- Same as	s Bank 0						
E - Standar	d Number	of Element					
O - Option							
		dard, XGLite Standard					
		XGLite Option XGLite Option					
	, Dunding	, reduce option					
				Tutti 3		Velocity Switch	
Bank Select MSB		0		0		0	
Bank Select LSB		0		42		43	
Instrument Group	PGM#	Name	E O	Name	E O	Name	Е
Reed	65	Soprano Sax	1				
	66	Alto Sax	1			Hyper Alto Sax	2
	67	Tenor Sax	1				
	68	Baritone Sax Oboe	2				
	69 70	English Horn	1				
	71	Bassoon	1				
	72	Clarinet	1				
ipe	73	Piccolo	1				
	74	Flute	1				
	75	Recorder	1				
	76	Pan Flute	1				
	77	Blown Bottle	2				
	78	Shakuhachi	2				
	79	Whistle	1				
ynth Lead	80 81	Ocarina Square Lead	2				
mui Ledu	82	Square Lead Sawtooth Lead	2				
	83	Calliope Lead	2				
	84	Chiff Lead	2				
	85	Charang Lead	2				
	86	Voice Lead	2				
	87	Fifths Lead	2				
	88	Bass & Lead	2				
nth Pad	89	New Age Pad	2				
	90	Warm Pad	2				
	91	Poly Synth Pad	2				
	92 93	Choir Pad Bowed Pad	2				
	94	Metallic Pad	2				
	95	Halo Pad	2				
	96	Sweep Pad	2				
ynth Effects	97	Rain	2				
	98	Sound Track	2				
	99	Crystal	2	Chorus Bells	2		
	100	Atmosphere	2				
	101	Brightness	2				
	102	Goblins Echoes	2				
	103	Sci-Fi	2				
hnic	104	Sitar	1				
······	105	Banjo	1				
	107	Shamisen	1				
	108	Koto	1				
	109	Kalimba	1				
	110	Bagpipe	2				
	111	Fiddle	1				
	112	Shanai Ti-ld- D-II	1				
ercussive	113	Tinkle Bell	2				
	114	Agogo Steel Drums	2				
	116	Woodblock	1				
	117	Taiko Drum	1				
	118	Melodic Tom	2				
	119	Synth Drum	1				
	120	Reverse Cymbal	1				
ound Effects	121	Fret Noise	2				
	122	Breath Noise	2				
	123	Seashore Dind Toward	2				
	124	Bird Tweet	2				
	125 126	Telephone Ring Helicopter	1				
	127	Applause	1				
	128	Gunshot	1				

- Same as Bank 0

  E Standard Number of Element
  O Option
  Blank : XG Standard, XGLite Standard
  - +: XG Option, XGLite Option
    -: XG Standard, XGLite Option
- Bank Select MSB Bank Select LSB 45 48 Instrument Group PGM# E O 65 Soprano Sax 1 1 1 1 2 66 Alto Sax Tenor Sax Baritone Sax Oboe 68 69 70 English Horn 71 72 Bassoon Clarinet 1 73 74 Piccolo Flute Recorder 1 1 1 75 Pan Flute Blown Bottle Shakuhachi 76 77 78 1 2 2 1 79 Whistle 80 Square Lead Sawtooth Lead Synth Lead 81 82 Velocity Lead 83 Calliope Lead 84 Chiff Lead 85 86 87 Charang Lead Voice Lead Fifths Lead 88 Bass & Lead 89 90 91 Synth Pad New Age Pad 2 2 2 2 Warm Pad Poly Synth Pad 92 93 Choir Pad Bowed Pad 94 Metallic Pad 2 2 95 96 Halo Pad Sweep Pad 97 98 Rain Sound Track Synth Effects Clavi Pad 2 2 2 2 2 2 104 Sci-Fi 105 Sitar 1 106 Banjo 107 108 109 110 Kalimba 2 Bagpipe Fiddle 111 112 113 Tinkle Bell 114 Agogo 115 Steel Drums 116 117 Woodblock Taiko Drum 118 Melodic Tom Synth Drum 119 1 Reverse Cym Sound Effects 121 122 Fret Noise Breath Noise Seashore 123 124 Bird Tweet 1 1 1 Telephone Ring 125 Helicopter 126 Applause

- Same as Bank 0
  - E Standard Number of Element
  - O Option
    - Blank : XG Standard, XGLite Standard
    - +: XG Option, XGLite Option
      -: XG Standard, XGLite Option

128

Bank Select MSB Bank Select LSB 53 54 64 Instrument Group PGM# E O E O 65 Soprano Sax Meditation Reed 1 Alto Sax Tenor Sax 66 Alto Sax Powered Tenor Sax 2 1 Baritone Sax Oboe 68 69 Heinz 70 English Horn 71 72 Bassoon Clarinet 1 1 1 1 73 74 Piccolo Flute Recorder Boehm 75 Pan Flute Blown Bottle Pan Flute 2 Bottle Legato 76 77 2 78 Shakuhachi 79 Whistle Reverie 2 + 80 Square Lead Sawtooth Lead Synth Lead 81 2 2 Mellow 82 Digger Vent Synth 83 Calliope Lead 84 Chiff Lead Rubby 85 86 87 Charang Lead Voice Lead Distorted Lead Vox Lead Fifths Lead 88 Bass & Lead Fat & Perky Synth Pad 89 New Age Pad Fantasy 2 2 2 2 90 91 Warm Pad Horn Pad Poly Synth Pad Poly Pad 80 92 93 Choir Pad Bowed Pad 94 Metallic Pad Tine Pad 2 2 95 96 Halo Pad Sweep Pad Polar Pad 97 98 Rain Sound Track Synth Effects Harmo Rain 99 Crystal Synth Mallet 100 Nylon Harp Fantasy Bells Atmosphere 2 2 2 101 Brightness Goblins Goblins Synth 102 Echo Bells 104 Sci-Fi 105 Sitar 1 Raga Synth 106 Banjo Electric Banjo 107 108 109 Kalimba 2 Big Kalimba 110 Bagpipe Fiddle 111 1 -112 Shanai 2 113 Tinkle Bell Tickle Bell 114 Agogo 115 Steel Drums 116 Woodblock 117 Taiko Drum 118 Melodic Tom Melodic Tom 2 Analog Tom Reverse Cymbal 2 119 Synth Drum 1 Reverse Cym Sound Effects 121 122 Fret Noise Breath Noise 123 Seashore 124 Bird Tweet 125 Telephone Ring 1 126 Helicopter Applause

- Same as Bank 0

  E Standard Number of Element
  O Option
  Blank : XG Standard, XGLite Standard
  + : XG Option, XGLite Option
   : XG Standard, XGLite Option

					Other Waves 2			Other Waves 3		
Bank Select MSB		0			0			0		
Bank Select LSB		0			65			66		
Instrument Group	PGM#	Name	E	0	Name	E	0	Name	I	3
Reed	65	Soprano Sax	1		Meditation Resonant	1				
	66	Alto Sax	1		Fake Alto	1		Fake Alto Plus	2	
	67	Tenor Sax	1		Super Tenor	1	+	Super Tenor Plus	2	2
	68	Baritone Sax	1							
	69	Oboe	2		Heinz Unison	2	+	Oboe Expression	1	1
	70	English Horn	1				+			4
	71	Bassoon	1				+			4
	72	Clarinet	1				+			_
Pipe	73	Piccolo	1							
	74	Flute	1		Boehm Breathy	2		Pastorale	2	2
	75	Recorder	1		Home	1				4
	76	Pan Flute	1		Meadow	1	+			4
	77	Blown Bottle	2				+			4
	78	Shakuhachi	2				+			-
	79	Whistle	1	H			+			-
c 41 ·	80	Ocarina	1		0.1.0			C: Y 1		1
Synth Lead	81	Square Lead	2	H	Solo Sine	2		Sine Lead		1
	82	Sawtooth Lead	2		Dunce Dunce	2		Brass Sawtooth		2
	83	Calliope Lead	2		Pure Lead		-	Electro Primitive	2	4
	84 85	Chiff Lead	2	-	Hard Sync Wire Lead	2		Synth Pluck		
	86	Charang Lead Voice Lead	2	H		2	_		1	1
	87	Fifths Lead	2		Breathy Layer	2	+	Cypher 1		1
	88	Bass & Lead	2	H	Soft Whirl	2	٠	Cant		2
Synth Pad	89	New Age Pad	2		Libra	2	_	Bell Pad	_	-
Synth Pad	90	Warm Pad	2	H	Rotary Strings	2		Light Pad	1	2
	91	Poly Synth Pad	2		Click Pad	2		Analog Pad	2	
	92	Choir Pad	2		Light Pad	2		Itopia	2	
	93	Bowed Pad	2		Glass Pad	2		Square Twang		2
	94	Metallic Pad	2		Pan Pad	2		Queever		2
	95	Halo Pad	2		Chorus Pad	2		Queever	-	2
	96	Sweep Pad	2		Sweepy	2		Celestial	1	,
Synth Effects	97	Rain	2		African Wind	2		Carib	- 2	
Syntii Liteets	98	Sound Track	2		Rave	2		Fairy		2
	99	Crystal	2		Soft Crystal	2		Loud Glockenspiel		2
	100	Atmosphere	2		Harp Vox	2		Atmosphere Pad	1	
	101	Brightness	2		Shining Star	2		Bright Stab		2
	102	Goblins	2		Creeper	2		Ring Pad	- 2	2
	103	Echoes	2		Big Pan	2		Synth Piano		2
	104	Sci-Fi	2		Odin	2			-	
Ethnic	105	Sitar	1				Ė			T
	106	Banjo	1				t			ı
	107	Shamisen	1				t			ı
	108	Koto	1				t			ı
	109	Kalimba	1							ı
	110	Bagpipe	2				t			ı
	111	Fiddle	1				T			ı
	112	Shanai	1							
Percussive	113	Tinkle Bell	2							T
	114	Agogo	2				f			1
	115	Steel Drums	2				t			ı
	116	Woodblock	1				Ī			ı
	117	Taiko Drum	1				П			1
	118	Melodic Tom	2		Real Tom	2	Г	Rock Tom	2	2
	119	Synth Drum	1		Electronic Percussion	2	T	Synth percussion	2	2
	120	Reverse Cymbal	1		Reverse Cymbal 3	1				
Sound Effects	121	Fret Noise	2	П			Ĺ			Í
	122	Breath Noise	2				Ī			ı
	123	Seashore	2				П			1
	124	Bird Tweet	2				П			1
	125	Telephone Ring	1				П			1
	126	Helicopter	1				П			1
	127	Applause	1				П			1
	128	Gunshot	1				Ħ			ı

- Same as E - Standar		of Floment								
O - Option	u Number	of Element								
	: XG Stan	dard, XGLite Standard								
		XGLite Option								
-: XC	Standard,	, XGLite Option								
					a. w					
Bank Select MSB		0			Other Waves 4			Other Waves 5		
Bank Select MSB		0			67			68		
Instrument Group	PGM#	Name	E	О	Name	Е	О	Name	Е	(
Reed	65	Soprano Sax	1							Ť
	66	Alto Sax	1		Fake Alto Detuned	2	+			Ì
	67	Tenor Sax	1		Super Tenor Stereo	2	+	Tenor & Alto	2	l
	68	Baritone Sax	1							Ŧ
	69 70	Oboe English Horn	2							ł
	71	Bassoon	1							t
	72	Clarinet	1							t
ipe	73	Piccolo	1							Ť
	74	Flute	1		Shepherd	2	+			
	75	Recorder	1							Į
	76	Pan Flute	1							ļ
	77	Blown Bottle Shakuhachi	2 2							ł
	78	Whistle	1							H
	80	Ocarina	1							t
ynth Lead	81	Square Lead	2		Pulse Lead	1	+	Sync Lead	1	Ť
	82	Sawtooth Lead	2		Sawtooth River	2		Brass Pulse Double	2	
	83	Calliope Lead	2							
	84	Chiff Lead	2							ļ
	85	Charang Lead Voice Lead	2		The Sync Lead	2	+	0 1 2		Ŧ
	86 87	Fifths Lead	2		Cypher 2	1	+	Cypher 3	2	ł
	88	Bass & Lead	2		Mogul	1	+	Distance	2	t
ynth Pad	89	New Age Pad	2						Ī	ı
	90	Warm Pad	2							İ
	91	Poly Synth Pad	2		Square Pad	2	-	Snow Pad	2	1
	92	Choir Pad	2		CC Pad	2	_	Cosmic Pad	2	l
	93	Bowed Pad	2		Square Pad 8	2	+			Ŧ
	94 95	Metallic Pad Halo Pad	2							ł
	96	Sweep Pad	2		Monsoon	2	+	Io	2	T
ynth Effects	97	Rain	2						Ī	ı
	98	Sound Track	2		Hermit	2	+			İ
	99	Crystal	2		Christmas Bells	2	-	Vibraphone Bells	2	Ī
	100	Atmosphere	2		Planet	2	-	Lyra	2	l
	101	Brightness	2							ļ
	102	Goblins Echoes	2 2		Ritual Creation	2		To Heaven Star Dust	2	
	103	Sci-Fi	2		Cication	2	-	Star Dust	12	ł
ithnic	104	Sitar	1							ł
	106	Banjo	1							ľ
	107	Shamisen	1							j
	108	Koto	1							I
	109	Kalimba	1							ļ
	110	Bagpipe	2							ļ
	111	Fiddle Shanai	1							H
ercussive	113	Tinkle Bell	2							ł
	114	Agogo	2							t
	115	Steel Drums	2							j
	116	Woodblock	1							1
	117	Taiko Drum	1							I
	118	Melodic Tom	2		Tim's Set	4	+			ļ
	119	Synth Drum	1							ļ
ound Effects	120 121	Reverse Cymbal Fret Noise	1 2						-	1
ounu Enecis	121	Breath Noise	2							ł
	123	Seashore	2							ł
	124	Bird Tweet	2							j
				_						Т
	125	Telephone Ring	1							ø
	125 126 127	Telephone Ring Helicopter Applause	1 1							ı

- Same as Bank 0

  E Standard Number of Element
  O Option
  Blank : XG Standard, XGLite Standard
  + : XG Option, XGLite Option
   : XG Standard, XGLite Option

					Other Waves 6			Other Waves 7		
Bank Select MSB		0			0			0		
Bank Select LSB		0			69			70		
Instrument Group	PGM#	Name	E	0	Name	E	0	Name	Е	О
Reed	65	Soprano Sax	1							
	66	Alto Sax	1							
	67	Tenor Sax	1							
	68	Baritone Sax	1							L
	69	Oboe	2							L
	70	English Horn	1							L
	71	Bassoon	1							
	72	Clarinet	1							-
Pipe	73	Piccolo	1							1
	74	Flute	1							
	75	Recorder	1							
	76	Pan Flute	1	_						1
	77 78	Blown Bottle Shakuhachi	2	_						1
	79	Whistle	1							
	80		1							+
Synth Lead	81	Ocarina Square Lead	2		Forced Oscillation	1	7	Accent	1	+
oyuu Ledu	82	Sawtooth Lead	2		Sawtooth Trumpet	1	+	Hue	1	+
	83	Calliope Lead	2		our wom Trumper	1	7	Truc	1	Ť
	84	Chiff Lead	2							
	85	Charang Lead	2							
	86	Voice Lead	2		Super Cypher	2	+			Т
	87	Fifths Lead	2		1 71					T
	88	Bass & Lead	2		Sync B&L	1	+	Bass Lead	1	+
Synth Pad	89	New Age Pad	2		,					
	90	Warm Pad	2							
	91	Poly Synth Pad	2		Pixie	2	+	Pisces	2	+
	92	Choir Pad	2		Aah Pad	2	+	Ooh Pad	2	+
	93	Bowed Pad	2							
	94	Metallic Pad	2							
	95	Halo Pad	2							
	96	Sweep Pad	2							
Synth Effects	97	Rain	2							
	98	Sound Track	2							
	99	Crystal	2		Digital Bells	2	-	Air Bells	2	L
	100	Atmosphere	2		Akasaka	2	+	Digital Bermuda	2	+
	101	Brightness	2							
	102	Goblins	2		Milky Way	2	+	Night	2	L
	103	Echoes	2		Resonant & Panning	2	-	Analog Echo	2	+
	104	Sci-Fi	2							1
Ethnic	105	Sitar	1							L
	106	Banjo	1							
	107	Shamisen	1							
	108	Koto	1							
	109	Kalimba	1							
	110	Bagpipe	2							
	111	Fiddle Shanai	1							
Percussive	112	Tinkle Bell	2							H
1 CICUSSIVE	113	Agogo	2							H
	115	Steel Drums	2							+
	116	Woodblock	1							H
	117	Taiko Drum	1							
	118	Melodic Tom	2							H
	119	Synth Drum	1							
	120	Reverse Cymbal	1							
Sound Effects	121	Fret Noise	2							۳
	122	Breath Noise	2							
	123	Seashore	2							
	124	Bird Tweet	2							
	125	Telephone Ring	1							
	126	Helicopter	1							
	127	Applause	1							
	128	Gunshot	1							

- Same as Bank 0
  - E Standard Number of Element

  - O Option
    Blank : XG Standard, XGLite Standard
    - +: XG Option, XGLite Option
      -: XG Standard, XGLite Option
- Bank Select MSB Bank Select LSB 71 Instrument Group PGM# E O 65 Soprano Sax 1 1 1 1 1 66 67 Alto Sax Tenor Sax Baritone Sax Oboe 68 69 70 English Horn 71 72 Bassoon Clarinet 1 73 74 Piccolo Flute Recorder 1 1 1 75 76 77 78 Pan Flute Blown Bottle 2 2 1 Shakuhachi Whistle 79 80 Square Lead Sawtooth Lead Synth Lead 81 Query PWMania Brick Straight Pulse 82 Straight Sawtooth 83 Calliope Lead 84 Chiff Lead 85 86 87 Charang Lead Voice Lead Fifths Lead 88 Bass & Lead 89 90 91 Synth Pad New Age Pad 2 2 2 2 Warm Pad Poly Synth Pad 2 + Poly Synth Pad King Poly Synth Pad 2 Spiral Ooh Aah 92 93 Choir Pad Bowed Pad 94 Metallic Pad 2 2 95 96 Halo Pad Sweep Pad 97 98 Rain Sound Track Synth Effects Bell Harp Cloud Pad 99 Crystal 100 Atmosphere 101 Brightness 102 Goblins 2 2 2 2 2 Pulse Key Noise Piano Puffy Mimicry 104 Sci-Fi 105 Sitar 1 106 Banjo 107 108 109 110 Kalimba 2 Bagpipe Fiddle 111 112 113 Tinkle Bell 114 Agogo 115 Steel Drums 116 Woodblock 117 Taiko Drum 118 Melodic Tom Synth Drum 119 1 Reverse Cym Sound Effects 121 122 Fret Noise Breath Noise 123 Seashore 124 Bird Tweet 1 1 1 125 Telephone Ring Helicopter 126 Applause

- Same as Bank 0
  - E Standard Number of Element

  - O Option
    Blank : XG Standard, XGLite Standard
    - +: XG Option, XGLite Option
      -: XG Standard, XGLite Option
- Bank Select MSB Bank Select LSB 74 Instrument Group PGM# E O 1 1 1 1 2 65 Soprano Sax 66 67 Alto Sax Tenor Sax Baritone Sax Oboe 68 69 70 English Horn 71 72 Bassoon Clarinet 1 73 74 Piccolo Flute Recorder 1 1 1 75 Pan Flute Blown Bottle Shakuhachi 76 77 78 2 2 1 Whistle 79 80 2 + Curse 1 + Fat Octave Square Lead Sawtooth Lead Synth Lead 81 2 + Sync Lead Double 1 + Toad FM Slow Sweep 82 Mod Saw 83 Calliope Lead 84 Chiff Lead 85 86 87 Charang Lead Voice Lead Fifths Lead 88 Bass & Lead 89 90 91 Synth Pad New Age Pad 2 2 2 2 Warm Pad Poly Synth Pad 92 93 Choir Pad Bowed Pad 94 Metallic Pad 2 2 95 96 Halo Pad Sweep Pad 97 98 Rain Sound Track Synth Effects Analog Bell 2 2 2 2 2 2 Parasite Cicada 104 Sci-Fi 105 Sitar 1 106 Banjo 107 108 109 110 Kalimba 2 Bagpipe Fiddle 111 112 113 Tinkle Bell 114 Agogo 115 Steel Drums 116 Woodblock 117 Taiko Drum 118 Melodic Tom Synth Drum 119 1 120 Reverse Cym Sound Effects 121 122 Fret Noise Breath Noise 123 Seashore 124 Bird Tweet 1 1 1 Telephone Ring 125 Helicopter 126 Applause

- Same as Bank 0

  E Standard Number of Element
  O Option
  Blank : XG Standard, XGLite Standard
  + : XG Option, XGLite Option
   : XG Standard, XGLite Option

_					Other Waves 14			Other Waves 15			Other Waves 16		
Bank Select MSB		0			0			0			0		
Bank Select LSB		0			77		_	78			79	_	
Instrument Group	PGM#	Name	E	0	Name	E	0	Name	E	O	Name	E	С
Reed	65	Soprano Sax	1										
	66	Alto Sax	1										
	67	Tenor Sax	1										
	68	Baritone Sax	1										
	69	Oboe	2										
	70	English Horn	1										
	71 72	Bassoon	1										
***		Clarinet											
Pipe	73	Piccolo	1										
	74 75	Flute	1										
	76	Recorder Pan Flute	1										
	77	Blown Bottle	2										
	78	Shakuhachi	2										
	79	Whistle	1										
	80	Ocarina	1										
Synth Lead	81	Square Lead	2	H	Octave Beep	1	+	Sine Lead 2	1	+	Square Lead 3	1	
oyani Lonu	82	Sawtooth Lead	2	H	Overdose	2	+	PWM Decay	1		Saw Decay	1	+
	83	Calliope Lead	2	H	0.101000	Ĺ	Í	Decay	1	-	oun Decay	Ė	į
	84	Chiff Lead	2	H									i
	85	Charang Lead	2	h									
	86	Voice Lead	2	H									i
	87	Fifths Lead	2	İ									
	88	Bass & Lead	2										
Synth Pad	89	New Age Pad	2										
-,	90	Warm Pad	2	İ									
	91	Poly Synth Pad	2										
	92	Choir Pad	2										
	93	Bowed Pad	2										
	94	Metallic Pad	2	Г									
	95	Halo Pad	2										
	96	Sweep Pad	2										
Synth Effects	97	Rain	2										
	98	Sound Track	2										
	99	Crystal	2										П
	100	Atmosphere	2										
	101	Brightness	2										
	102	Goblins	2		Goblins' Talk	4	+	Temple	4	+			
	103	Echoes	2										
	104	Sci-Fi	2										
Ethnic	105	Sitar	1										
	106	Banjo	1										
	107	Shamisen	1										
	108	Koto	1										
	109	Kalimba	1										ĺ
	110	Bagpipe	2	L									
	111	Fiddle	1										
	112	Shanai	1							1			
Percussive	113	Tinkle Bell	2	L									
	114	Agogo	2										
	115	Steel Drums	2										
	116	Woodblock	1	L									
	117	Taiko Drum	1	L									
	118	Melodic Tom	2	<u> </u>									
	119	Synth Drum	1	<u> </u>									
	120	Reverse Cymbal	1										
Sound Effects	121	Fret Noise	2	L									
	122	Breath Noise	2	<u> </u>									
	123	Seashore	2	L									
	124	Bird Tweet	2	L									
	125	Telephone Ring	1	L									
	126	Helicopter	1	H									
	127	Applause	1	H									
	128	Gunshot	1										all l

- Same as		of Element								
O - Option Blank	: XG Stan	dard, XGLite Standard								
		XGLite Option								
-: XG	Standard	, XGLite Option								
					Other Waves 17			Other Waves 18		
Bank Select MSB		0			(			0		
Bank Select LSB	DCD (II	0		_	8			8:		
Instrument Group Reed	PGM# 65	Name Soprano Sax	E 1	0	Name	E	0	Name	E	
	66	Alto Sax	1							İ
	67	Tenor Sax	1							4
	68 69	Baritone Sax Oboe	1 2							-
	70	English Horn	1							
	71	Bassoon	1							
	72	Clarinet	1							
Pipe	73	Piccolo	1							4
	74 75	Flute Recorder	1							
	76	Pan Flute	1							
	77	Blown Bottle	2							
	78	Shakuhachi	2							
	79 80	Whistle Ocarina	1							
Synth Lead	81	Square Lead	2		Square Lead 4	1	+			
	82	Sawtooth Lead	2		Fat Saw Lead	1	+	Duck Lead	1	
	83	Calliope Lead	2							
	84	Chiff Lead	2							
	85 86	Charang Lead Voice Lead	2							
	87	Fifths Lead	2							
	88	Bass & Lead	2							
Synth Pad	89	New Age Pad	2							4
	90 91	Warm Pad Poly Synth Pad	2							H
	92	Choir Pad	2							
	93	Bowed Pad	2							j
	94	Metallic Pad	2							ļ
	95 96	Halo Pad Sweep Pad	2							$\dashv$
Synth Effects	97	Rain	2				+			
.,	98	Sound Track	2							
	99	Crystal	2							
	100	Atmosphere	2							
	101	Brightness Goblins	2							
	103	Echoes	2							
	104	Sci-Fi	2							
Ethnic	105	Sitar	1							
	106	Banjo Shamisen	1							
	107	Koto Koto	1							
	109	Kalimba	1							
	110	Bagpipe	2							
	111	Fiddle	1							
Percussive	112 113	Shanai Tinkle Bell	1 2							
	114	Agogo	2							ĺ
	115	Steel Drums	2							
	116	Woodblock	1							
	117 118	Taiko Drum Melodic Tom	1 2							
	119	Synth Drum	1							ĺ
	120	Reverse Cymbal	1							
ound Effects	121	Fret Noise	2							ĺ
	122 123	Breath Noise Seashore	2							
	123	Bird Tweet	2							
	125	Telephone Ring	1							ĺ
	126	Helicopter	1							
	127 128	Applause Gunshot	1							

O - Optio		of Element							
		dard, XGLite Standard							
		XGLite Option							
-: 2	XG Standard	, XGLite Option							
				Other Waves 19			Other Waves 20		
Bank Select MSB		0		Other waves 19	0			0	_
Bank Select USB		0			82		1	83	_
Instrument Group	p PGM#	Name	E C	Name	E	0	Name	E	
Reed	65	Soprano Sax	1						
	66	Alto Sax Tenor Sax	1						
	67 68	Baritone Sax	1						
	69	Oboe	2						
	70	English Horn	1						
	71	Bassoon	1						
	72	Clarinet	1						
Pipe	73 74	Piccolo	1						
	75	Flute Recorder	1						
	76	Pan Flute	1						
	77	Blown Bottle	2						
	78	Shakuhachi	2						
	79 80	Whistle	1						
Synth Lead	80	Ocarina Square Lead	2						
rymui izadu	82	Sawtooth Lead	2	Boost Saw	1	+	Mr.Saw	2	1
	83	Calliope Lead	2						Ī
	84	Chiff Lead	2						
	85	Charang Lead	2						
	86	Voice Lead	2						
	87 88	Fifths Lead Bass & Lead	2						
ynth Pad	89	New Age Pad	2						
	90	Warm Pad	2						
	91	Poly Synth Pad	2						
	92	Choir Pad	2						
	93 94	Bowed Pad Metallic Pad	2						
	95	Halo Pad	2						
	96	Sweep Pad	2						
Synth Effects	97	Rain	2						
	98	Sound Track	2						
	99	Crystal	2						
	100	Atmosphere Brightness	2						
	102	Goblins	2						
	103	Echoes	2						
	104	Sci-Fi	2						
Ethnic	105	Sitar	1						
	106 107	Banjo Shamisen	1						
	107	Koto	1						
	109	Kalimba	1						
	110	Bagpipe	2						
	111	Fiddle	1						
Percussive	112 113	Shanai Tinkle Bell	2						
ercussive	113	Agogo	2						
	115	Steel Drums	2						
	116	Woodblock	1						
	117	Taiko Drum	1						
	118	Melodic Tom	2						
	119 120	Synth Drum Reverse Cymbal	1						
ound Effects	120	Fret Noise	2						ĺ
	122	Breath Noise	2						
	123	Seashore	2						
	124	Bird Tweet	2						
	125 126	Telephone Ring	1						
	126	Helicopter Applause	1						
	128	Gunshot	1						

- Same as Bank 0

  E Standard Number of Element
  O Option
  Blank : XG Standard, XGLite Standard
  + : XG Option, XGLite Option
   : XG Standard, XGLite Option

					Other Waves 21			Other Waves 22		
Bank Select MSB		0				0			0	
Bank Select LSB		0			8	34		:	35	
Instrument Group	PGM#	Name	E	О	Name	E	0	Name	E	0
Reed	65	Soprano Sax	1							
	66	Alto Sax	1							1
	67	Tenor Sax	1							-
	68	Baritone Sax	2	H			-			+
	69 70	Oboe English Horn	1							+
	71	Bassoon	1							
	72	Clarinet	1							
Pipe	73	Piccolo	1				+			+
1	74	Flute	1							
	75	Recorder	1							
	76	Pan Flute	1							
	77	Blown Bottle	2							
	78	Shakuhachi	2							1
	79	Whistle	1							1
	80	Ocarina	1	L						
Synth Lead	81	Square Lead	2	H	Thin Court and	1		Mouth Com	,	
	82 83	Sawtooth Lead Calliope Lead	2	$\vdash$	Thin Saw Lead	1	+	Mouth Saw	1	+
	83	Chiff Lead	2	H						H
	85	Charang Lead	2	H						
	86	Voice Lead	2							
	87	Fifths Lead	2							
	88	Bass & Lead	2							
Synth Pad	89	New Age Pad	2							
	90	Warm Pad	2							
	91	Poly Synth Pad	2							
	92	Choir Pad	2							1
	93	Bowed Pad	2							
	94 95	Metallic Pad	2							
	96	Halo Pad Sweep Pad	2	H						
Synth Effects	97	Rain	2	H			+			+
bynni Enecus	98	Sound Track	2	H						
	99	Crystal	2							
	100	Atmosphere	2							
	101	Brightness	2							
	102	Goblins	2							
	103	Echoes	2							1
	104	Sci-Fi	2							4
Ethnic	105	Sitar	1							-
	106	Banjo	1	H			-			+
	107	Shamisen Koto	1	$\vdash$						H
	108	Kalimba	1	H						H
	110	Bagpipe	2	H						
	111	Fiddle	1	H						
	112	Shanai	1							
Percussive	113	Tinkle Bell	2							
	114	Agogo	2							
	115	Steel Drums	2	L						
	116	Woodblock	1							
	117	Taiko Drum	1	L						
	118	Melodic Tom	2	H						
	119	Synth Drum  Reverse Cymbal	1	H						H
Sound Effects	120 121	Reverse Cymbal Fret Noise	2	H						H
Sound Effects	121	Breath Noise	2	H						H
	123	Seashore	2	H						
	124	Bird Tweet	2	H						
	125	Telephone Ring	1	Г						
	126	Helicopter	1							
	127	Applause	1							
	128	Gunshot	1							

+: X0	d Number  : XG Stan  G Option,	dard, XGLite Standard XGLite Option								
-: XC	Standard	, XGLite Option			Other Waves 23			Other Waves 24		
Bank Select MSB		0			0			(	)	_
Bank Select LSB		0			86			8	7	_
Instrument Group	PGM#	Name	E	0	Name	E	O	Name	E	-
Reed	65	Soprano Sax	1							
	66	Alto Sax	1							4
	67	Tenor Sax	1							4
	68	Baritone Sax	1							4
	69 70	Oboe	1							4
	71	English Horn Bassoon	1							8
	72	Clarinet	1							1
Pipe	73	Piccolo	1							Ŧ
	74	Flute	1							Ť
	75	Recorder	1							
	76	Pan Flute	1							
	77	Blown Bottle	2							1
	78	Shakuhachi	2	L						
	79	Whistle	1	L						4
	80	Ocarina	1							4
ynth Lead	81	Square Lead	2	-	D.Y. 10			c vv		4
	82	Sawtooth Lead	2		Dr.Lead 2	2	+	Saw Unison	2	4
	83	Calliope Lead	2							4
	84 85	Chiff Lead Charang Lead	2							H
	86	Voice Lead	2							
	87	Fifths Lead	2							
	88	Bass & Lead	2							
ynth Pad	89	New Age Pad	2							
	90	Warm Pad	2							ı
	91	Poly Synth Pad	2							ij
	92	Choir Pad	2							ı
	93	Bowed Pad	2							
	94	Metallic Pad	2							
	95	Halo Pad	2							4
	96	Sweep Pad	2				4			
Synth Effects	97	Rain	2							4
	98	Sound Track	2							4
	99	Crystal	2							4
	100	Atmosphere	2							H
	102	Brightness Goblins	2							H
	103	Echoes	2							i
	104	Sci-Fi	2							
Ethnic	105	Sitar	1							1
	106	Banjo	1							i
	107	Shamisen	1							ĺ
	108	Koto	1							ĺ
	109	Kalimba	1							ĺ
	110	Bagpipe	2							
	111	Fiddle	1							
	112	Shanai	1	-						1
ercussive	113	Tinkle Bell	2	H						
	114	Agogo Steel Drums	2	$\vdash$						
	115 116	Woodblock	1	$\vdash$						
	117	Taiko Drum	1							
	118	Melodic Tom	2	Г						í
	119	Synth Drum	1							
	120	Reverse Cymbal	1							ĺ
ound Effects	121	Fret Noise	2							j
	122	Breath Noise	2							
	123	Seashore	2							
	124	Bird Tweet	2	L						
	125	Telephone Ring	1							
	126	Helicopter	1	L						
	127 128	Applause Gunshot	1							

O - Option Blank +: XO	: XG Stan	of Element dard, XGLite Standard XGLite Option , XGLite Option								
					Other Waves 25			Other Waves 26		
Bank Select MSB Bank Select LSB		0			0 88	1		0 89		
Instrument Group	PGM#	Name	Е	О	Name	Е	0	Name	Е	C
Reed	65	Soprano Sax	1							
	66	Alto Sax	1							
	67	Tenor Sax	1							
	68 69	Baritone Sax Oboe	1 2							
	70	English Horn	1							
	71	Bassoon	1							
	72	Clarinet	1							
Pipe	73	Piccolo	1							
	74	Flute	1							
	75 76	Recorder Pan Flute	1							
	77	Blown Bottle	2							
	78	Shakuhachi	2							
	79	Whistle	1				Г			
	80	Ocarina	1							
Synth Lead	81	Square Lead	2	L						
	82 83	Sawtooth Lead Calliope Lead	2		Octave Saw Lead	2	+	Sequenced Saw 1	2	
	84	Chiff Lead	2							
	85	Charang Lead	2							
	86	Voice Lead	2							
	87	Fifths Lead	2							
	88	Bass & Lead	2							
Synth Pad	89 90	New Age Pad Warm Pad	2							
	91	Poly Synth Pad	2							
	92	Choir Pad	2							
	93	Bowed Pad	2							
	94	Metallic Pad	2							
	95	Halo Pad	2							
Synth Effects	96 97	Sweep Pad Rain	2				-			
synta Enects	98	Sound Track	2							
	99	Crystal	2							
	100	Atmosphere	2							
	101	Brightness	2	L						
	102	Goblins	2	H						
	103 104	Echoes Sci-Fi	2				H			
Ethnic	104	Sitar	1							
	106	Banjo	1				П			
	107	Shamisen	1							
	108	Koto	1							
	109	Kalimba	2	H			H			
	110	Bagpipe Fiddle	1	H			H			
	112	Shanai	1							
Percussive	113	Tinkle Bell	2				ľ			
	114	Agogo	2							
	115	Steel Drums	2							
	116 117	Woodblock Taiko Drum	1				H			
	117	Melodic Tom	2	$\vdash$			H			
	119	Synth Drum	1							
	120	Reverse Cymbal	1	Ĺ						
Sound Effects	121	Fret Noise	2				Г			
	122	Breath Noise	2							
	123	Seashore	2	L						
	124	Bird Tweet	2				H			
	125 126	Telephone Ring Helicopter	1	$\vdash$			H			
	127	Applause	1				Ħ			
	128	Gunshot	1	İТ						

- Same as Bank 0

  E Standard Number of Element

  - O Option
    Blank : XG Standard, XGLite Standard
    - +: XG Option, XGLite Option
      -: XG Standard, XGLite Option

Bank Select MSB Bank Select LSB 90 91 Instrument Group PGM# E O 65 Soprano Sax 1 1 1 1 2 66 Alto Sax Tenor Sax Baritone Sax Oboe 68 69 70 English Horn 71 72 Bassoon Clarinet 1 73 74 Piccolo Flute Recorder 1 1 1 75 Pan Flute Blown Bottle Shakuhachi 76 77 78 2 2 1 79 Whistle 80 Square Lead Sawtooth Lead Synth Lead 81 82 equenced Saw 2 Simple Saw Lead 83 Calliope Lead 84 Chiff Lead 85 86 87 Charang Lead Voice Lead Fifths Lead 88 Bass & Lead 89 New Age Pad 90 Warm Pad 91 Poly Synth Pad Synth Pad 2 2 2 2 92 93 Choir Pad Bowed Pad 94 Metallic Pad 2 2 95 96 Halo Pad Sweep Pad 97 98 Rain Sound Track Synth Effects 99 Crystal 2 2 2 2 2 2 100 Atmosphere 101 Brightness 102 Goblins 104 Sci-Fi 105 Sitar 1 106 Banjo 107 108 109 110 Kalimba 2 110 Bagpipe 111 Fiddle 112 113 Tinkle Bell 114 Agogo 115 Steel Drums Woodblock Taiko Drum 116 117 118 Melodic Tom Synth Drum 119 1 Reverse Cym Sound Effects 121 122 Fret Noise Breath Noise Seashore 123 124 Bird Tweet 1 1 1 Telephone Ring 125 Helicopter 126 Applause

- Same as Bank 0

  E Standard Number of Element

  - O Option
    Blank : XG Standard, XGLite Standard
    - +: XG Option, XGLite Option
      -: XG Standard, XGLite Option
- Bank Select MSB Bank Select LSB Instrument Group PGM# E O 65 Soprano Sax 1 1 1 1 2 66 Alto Sax Tenor Sax Baritone Sax Oboe 68 69 70 English Horn 71 72 Bassoon Clarinet 1 73 74 Piccolo Flute Recorder 1 1 1 75 Pan Flute Blown Bottle Shakuhachi 76 77 78 2 2 1 79 Whistle 80 Square Lead Sawtooth Lead Synth Lead 81 2 2 82 83 Calliope Lead 84 Chiff Lead 85 86 87 Charang Lead Voice Lead Fifths Lead 88 Bass & Lead 89 New Age Pad 90 Warm Pad 91 Poly Synth Pad Synth Pad 2 2 2 2 92 93 Choir Pad Bowed Pad 94 Metallic Pad 95 96 Halo Pad Sweep Pad 97 98 Rain Sound Track Synth Effects 99 Crystal 2 2 2 2 2 2 100 Atmosphere 101 Brightness 102 Goblins 104 Sci-Fi 105 Sitar 1 106 Banjo 107 108 109 110 Kalimba 2 110 Bagpipe 111 Fiddle 112 113 Tinkle Bell 114 Agogo 115 Steel Drums 116 Woodblock 117 Taiko Drum 118 Melodic Tom Synth Drum 119 1 Reverse Cym Sound Effects 121 122 Fret Noise Breath Noise Seashore 123 124 Bird Tweet 1 1 1 Telephone Ring Helicopter 126 Applause

- Same as Bank 0

E - Standard Number of Element

O - Option
Blank : XG Standard, XGLite Standard

+: XG Option, XGLite Option
-: XG Standard, XGLite Option

Bank Select MSB Bank Select LSB 94 96 97 Instrument Group PGM# E O 65 Soprano Sax 1 1 1 Alto Sax Tenor Sax 66 Baritone Sax Oboe 68 69 70 English Horn 71 72 Bassoon Clarinet 1 73 74 Piccolo Flute Recorder 1 1 1 Bang Di Qu Di 75 76 77 78 Pan Flute Blown Bottle Kawala 2 2 1 Shakuhachi Whistle 79 80 Square Lead Sawtooth Lead Synth Lead 81 2 2 82 equenced Analog 83 Calliope Lead 84 Chiff Lead 85 86 87 Charang Lead Voice Lead Fifths Lead 88 Bass & Lead 89 90 91 Synth Pad New Age Pad 2 2 2 2 Warm Pad Poly Synth Pad 92 93 Choir Pad Bowed Pad 94 Metallic Pad 2 2 95 96 Halo Pad Sweep Pad 97 98 Rain Sound Track Synth Effects 2 2 2 2 2 Smokey Bell Choir Dharma 104 Sci-Fi 105 Sitar 1 Tambra 106 Banjo Rabab opichant 107 108 109 110 Kalimba 2 Bagpipe Fiddle heng 111 Er Hu an Hu Pungi Bonang 112 Hichiriki 113 Tinkle Bell 114 Agogo 115 Steel Drums Atarigane Γablas lass Percussion 116 Woodblock 117 Taiko Drum Gran Cassa 118 Melodic Tom Synth Drum 119 1 Reverse Cym Sound Effects 121 122 Fret Noise Breath Noise 123 Seashore 124 Bird Tweet 125 Telephone Ring Helicopter 1 1 1 126 Applause

- Same as Bank 0

  E Standard Number of Element
  O Option
  Blank : XG Standard, XGLite Standard
  + : XG Option, XGLite Option
   : XG Standard, XGLite Option

					Other Instruments 3		
Bank Select MSB		0			0		
Bank Select LSB		0		1	98		
Instrument Group	PGM#	Name	E	0	Name	Е	0
Reed	65	Soprano Sax	1				
	66	Alto Sax	1				
	67	Tenor Sax	1				
	68	Baritone Sax	1	_			
	69	Oboe	2	_			
	70	English Horn	1	_			
	71	Bassoon	1				
West	72	Clarinet	1				
Pipe	73	Piccolo	1				
	74	Flute	1	-			
	75	Recorder	1	-			
	76 77	Pan Flute Blown Bottle	2	-			
	78	Shakuhachi	2	-			
	79	Whistle	_	-			
	80	Ocarina	1	$\vdash$			
Crath Load	80		2	⊢			
Synth Lead	81	Square Lead Sawtooth Lead	2	$\vdash$			
	82	Calliope Lead	2	$\vdash$			
	84	Chiff Lead	2	1			
	85	Charang Lead	2	$\vdash$			
	86	Voice Lead	2	H			
	87	Fifths Lead	2				
	88	Bass & Lead	2				
Synth Pad	89	New Age Pad	2	-			_
Synta rad	90	Warm Pad	2				
	91	Poly Synth Pad	2				
	92	Choir Pad	2	H			
	93	Bowed Pad	2				
	94	Metallic Pad	2	H			
	95	Halo Pad	2	İ			
	96	Sweep Pad	2	Г			
Synth Effects	97	Rain	2				
	98	Sound Track	2	İ			
	99	Crystal	2	Г			
	100	Atmosphere	2	ı			
	101	Brightness	2				
	102	Goblins	2				
	103	Echoes	2				
	104	Sci-Fi	2				
Ethnic	105	Sitar	1				
	106	Banjo	1		Oud	2	
	107	Shamisen	1				
	108	Koto	1		Zheng	1	+
	109	Kalimba	1				
	110	Bagpipe	2	L			
	111	Fiddle	1		Jing Hu	1	+
	112	Shanai	1		Suo Na	2	+
Percussive	113	Tinkle Bell	2		Gamelan Gongs	2	
	114	Agogo	2				
	115	Steel Drums	2	L	Thai Bells	2	
	116	Woodblock	1	L			
	117	Taiko Drum	1				
	118	Melodic Tom	2				
	119	Synth Drum	1				
	120	Reverse Cymbal	1		Reverse Kick 1	1	+
Sound Effects	121	Fret Noise	2	L			
	122	Breath Noise	2	L			
	123	Seashore	2				
	124	Bird Tweet	2				
	125	Telephone Ring	1				
	126	Helicopter	1				
	127	Applause	1				
	128	Gunshot	1	L			

- Same as Bank 0
  - E Standard Number of Element

  - O Option
    Blank : XG Standard, XGLite Standard
    - +: XG Option, XGLite Option
      -: XG Standard, XGLite Option
- Bank Select MSB Bank Select LSB 100 101 Instrument Group PGM# E O 65 Soprano Sax 1 1 1 66 Alto Sax Tenor Sax Baritone Sax Oboe 68 69 70 English Horn 71 72 Bassoon Clarinet 1 73 74 Piccolo Flute Recorder 1 1 1 75 Pan Flute Blown Bottle Shakuhachi 76 77 78 2 2 1 Whistle 79 80 Square Lead Sawtooth Lead Synth Lead 81 2 2 2 2 2 2 82 83 Calliope Lead 84 Chiff Lead 85 86 87 Charang Lead Voice Lead Fifths Lead 88 Bass & Lead 89 90 91 Synth Pad New Age Pad 2 2 2 2 Warm Pad Poly Synth Pad 92 93 Choir Pad Bowed Pad 94 Metallic Pad 2 2 95 96 Halo Pad Sweep Pad 97 98 Rain Sound Track Synth Effects 2 2 2 2 104 Sci-Fi 105 Sitar 106 Banjo Pi Pa 107 108 109 110 Kalimba 110 Bagpipe 111 Fiddle 112 113 Tinkle Bell 114 Agogo 115 Steel Drums 116 Woodblock 117 Taiko Drum 118 Melodic Tom Synth Drum 119 Reverse Cym Sound Effects 121 122 Fret Noise Breath Noise 123 Seashore 124 Bird Tweet 1 1 1 Telephone Ring 125 Helicopter 126 Applause

### [Attached Chart 6]

### Melody Voice Map (SFX VOICES)

- No Sound	•		
	Number of Element		
O - Option			
	Standard, XGLite Standard		
+: XG Opt	ion, XGLite Option		
-: AG Stan	dard, XGLite Option		
Bank Select MSB	64		
Bank Select USB	0		
PGM#	Name	Е	О
1	Cutting Noise	1	Ü
2	Cutting Noise 2	2	Г
3	Distorted Cutting Noise	2	+
4	String Slap	1	
5	Bass Slide	2	+
6	Pick Scrape	1	+
7		4	
8		-	
10		4	
11		1	
12			
13			
14			
15			
16			
17	Flute Key Click	1	
18		4	
19 20		4	
21		4	
22		4	
23		4	
24		4	
25			
26		4	
27		4	
28		4	
29		4	
30		4	
32		4	
33	Shower	2	
34	Thunder	1	r
35	Wind	1	
36	Stream	2	
37	Bubble	2	
38	Feed	2	
39	Cave	2	+
40			
41			
42			
44			
45			
46		4	
47			
48		1	
48 49	Dog	1	
48 49 50	Horse	1	
48 49 50 51	Horse Bird Tweet 2	1	
48 49 50 51 52	Horse Bird Tweet 2 Kitty	1 1 1	+
48 49 50 51 52 53	Horse Bird Tweet 2 Kitty Growl	1 1 1	+
48 49 50 51 52	Horse Bird Tweet 2 Kitty	1 1 1	_
48 49 50 51 52 53 54	Horse Bird Tweet 2 Kitty Growl Haunted	1 1 1 1 2	+
48 49 50 51 52 53 54 55	Horse Bird Tweet 2 Kitty Growl Haunted Ghost	1 1 1 1 2 2	+
48 49 50 51 52 53 54 55 56 57 58	Horse Bird Tweet 2 Kitty Growl Haunted Ghost Maou	1 1 1 1 2 2 2	+
48 49 50 51 52 53 54 55 56 57 58 59	Horse Bird Tweet 2 Kitty Growl Haunted Ghost Maou Insects	1 1 1 1 2 2 2 2	+
48 49 50 51 52 53 54 55 56 57 58 59 60	Horse Bird Tweet 2 Kitty Growl Haunted Ghost Maou Insects	1 1 1 1 2 2 2 2	+
48 49 50 51 52 53 54 55 56 57 58 59 60 61	Horse Bird Tweet 2 Kitty Growl Haunted Ghost Maou Insects	1 1 1 1 2 2 2 2	+
48 49 50 51 52 53 54 55 56 57 58 59 60	Horse Bird Tweet 2 Kitty Growl Haunted Ghost Maou Insects	1 1 1 1 2 2 2 2	+

### [Attached Chart 6]

### Melody Voice Map (SFX VOICES)

- No Sound

  E Standard Number of Element

  O Option

  Blank: XG Standard, XGLite Standard
  +: XG Option, XGLite Option
  -: XG Standard, XGLite Option

D 1 0 1 2507			
Bank Select MSB	64		
Bank Select LSB PGM#	Name	Е	О
65	Phone Call	1	U
66	Door Squeak	1	H
67	Door Slam	1	H
68	Scratch Cut	1	H
69	Scratch Split	2	H
70	Wind Chime	1	
71	Telephone Ring 2	1	
72	Another Scratch	2	+
73	Turn Table	4	+
74			
75			
76			
77			
78			
79			
80			
81	Car Engine Ignition	1	
82	Car Tires Squeal	1	L
83	Car Passing	1	L
84	Car Crash	1	
85	Siren	2	L
86	Train	1	
87	Jet Plane	2	L
88	Starship	2	
89	Burst	2	L
90	Roller Coaster	2	
91 92	Submarine	2	l.
	Connectivity	2	+
93 94	Mystery	2	+
95	Charging	3	+
96	-		
97	Laugh	1	
98	Scream	1	
99	Punch	1	H
100	Heartbeat	1	H
101	Footsteps	1	
102	Applause 2	1	+
103	11		
104			
105			
106			
107			
108			
109			
110			
111			
112			
113	Machine Gun	1	L
114	Laser Gun	2	L
115	Explosion	2	L
116	Firework	2	
117	Fireball	2	+
118			
119			
120			
121			
122			
123			
124			
125			
126			
127 128			

- Same as LSB 0

  E Standard Number of Element
  O Option
  Blank: XG Standard, XGLite Standard
  +: XG Option, XGLite Option
  -: XG Standard, XGLite Option

Bank Select MSB		121			121			121		
Bank Select LSB		0			1			2		
Instrument Group	PGM#	Name	Е	О	Name	E	О	Name	E	0
Piano	1	Grand Piano	1	+	Grand Piano KSP	1	+	Mellow Grand Piano	1	+
	2	Bright Piano	1	+	Bright Piano KSP	1	+			
	3	Electric Grand Piano	2	+	Electric Grand Piano KSP	2	+			T
	4	Honky-tonk Piano	2	+	Honky-tonk Piano KSP	2	+			T
	5	Electric Piano 1	2	+	Chorus Electric Piano 1	2	+	Velocity Crossfade Electric Piano 1	2	+
	6	Electric Pisno 2	2	+	Chorus Electric Piano 2	2	+	Velocity Crossfade Electric Piano 2	2	+
	7	Harpsichord	1	+	Harpsichord 3	2	+	Harpsichord KSP	1	+
	8	Clavi	2	+	Pulse Clavi	1	+			Ė
Chromatic	9	Celesta	1	+		_				+
Percussion	10	Glockenspiel	1	+						+
creassion	11	Music Box	2	+						
	12	Vibraphone	1	+	Vibrahone KSP	1	+			
	13	Marimba	1	+	Marimba KSP	1	+			
	14	Xylophone	1	÷	Walinoa KSI		Ė			+
	15	Tubular Bells	1	+	Church Bells	2	+	Carillon	2	+
	16	Dulcimer	1	-	Citation Bells		_	Carmon		7
2			_	+	D : 1D 1 0			(0) D 1 0 1	2	
Organ	17	Drawbar Organ	1	+	Detuned Drawbar Organ	2	+	60's Drawbar Organ 1	2	+
	18	Percussive Organ	1	+	Detuned Percussive Organ	2	+	Percussive Organ 2	2	+
	19	Rock Organ	2	+	CI 10 2	1		CI 10 2		П
	20	Church Organ	2	+	Church Organ 2	2	+	Church Organ 3	2	+
	21	Reed Organ	1	+	Puff Organ	2	+			П
	22	Accordion	2	+	Accord It	2	+			П
	23	Hamonica	1	+						4
	24	Tango Accordion	2	+						
Guitar	25	Nylon Guitar	1	+	Ukulele	1	+	Nylon Guitar 3	2	+
	26	Steel Guitar	1	+	12-String Guitar	2	+	Mandolin	2	+
	27	Jazz Guitar	1	+	Pedal Steel Guitar	1	+			
	28	Clean Guitar	1	+	Chorus Guitar	2	+	Mid Tone Guitar	1	+
	29	Muted Guitar	1	+	Funk Guitar 1	2	+	Funk Guitar 2	2	+
	30	Overdriven Guitar	1	+	Guitar Pinch	2	+			
	31	Distortion Guitar	1	+	Feedback Guitar	2	+	Distorted Rhythm Guitar	2	+
	32	Guitar Harmonics	1	+	Guitar Feedback	1	+			
Bass	33	Acoustic Bass	1	+						
	34	Finger Bass	1	+	Finger Slap Bass	2	+			T
	35	Pick Bass	1	+						
	36	Fretless Bass	1	+						
	37	Slap Bass 1	1	+						
	38	Slap Bass 2	1	+						
	39	Synth Bass 1	1	+	Synth Bass 1 Dark	1	+	Acid Bass	1	+
	40	Synth Bass 2	2	+	DX Bass	2	+	Rubber Bass	2	+
Strings	41	Violin	1	÷	Slow Violin	1	+	radoci Bass		Ė
ungs	42	Viola	1	+	Slow violin	1	_			+
	42	Cello	1	-						
	43	Contrabass	1	+						
	44		1	+						H
		Tremolo Strings		+						H
	46	Pizzicato Strings	1	+	V Chin	-				H
	47	Orchestral Harp	1	+	Yang Chin	2	+			H
	48	Timpani	1	+				401.0.1		
Ensemble	49	Strings 1	1	+	Orchestra	2	+	60's Strings	2	+
	50	Strings 2	1	+						П
	51	Synth Strings 1	2	+	Synth Strings 3	2	+			I
	52	Synth Strings 2	2	+						П
	53	Choir Aahs	1	+	Choir Aahs 2	2	+			
	54	Voice Oohs	1	+	Voice Humming	1	+			
	55	Synth Voice	1	+	Analog Voice	1	+			
	56	Orchestra Hit	2	+	Bass Hit Plus	2	+	6th Hit	1	Ţ.
rass	57	Trumpet	1	+	Dark Trumpet Soft	1	+			
	58	Trombone	1	+	Trombone 2	2	+	Bright Trombone	1	
1400		Tuba	1	+						İ
	59						_			т
1400			1	+	Muted Trumpet 2	2	+			J.
1400	60	Muted Trumpet	1 2	-	Muted Trumpet 2 French Hom 2	2	+			H
	60 61	Muted Trumpet French Hom	2	+ +	French Hom 2	2	+ +			
	60	Muted Trumpet		-			+ + +	Analog Brass 1	2	

- Same as LSB 0

  E Standard Number of Element
  O Option
  Blank: XG Standard, XGLite Standard
  +: XG Option, XGLite Option
  -: XG Standard, XGLite Option

Bank Select MSB		121			121			121			121		
Bank Select LSB		0			3			4			5		
Instrument Group	PGM#	Name	Е	О	Name	Е	О	Name	Е	О	Name	Е	О
Piano	1	Grand Piano	1	+									
	2	Bright Piano	1	+									
	3	Electric Grand Piano	2	+									
	4	Honky-tonk Piano	2	+									
	5	Electric Piano 1	2	+	60's Electric Piano 1	1	+						
	6	Electric Pisno 2	2	+	DX Legend	2		DX Phase Electric Piano	2	+			
	7	Harpsichord	1	+	Harpsichord 2	2	+						
	8	Clavi	2	+									
Chromatic	9	Celesta	1	+									
Percussion	10	Glockenspiel	1	+						-		-	
	11	Music Box	2	+						-		-	
	12	Vibraphone	1	+									
	13	Marimba	1	+						-		-	
	14	Xylophone Tubular Bells	1	+									
	15		1	+						-		-	
0	16	Dulcimer	_	_	D 1 0 1	2				+		+	
Organ	17	Drawbar Organ	1	+	Drawbar Organ 2	2	+						
	18 19	Percussive Organ	1	+									
	20	Rock Organ Church Organ	2	+									
	21									-		-	
	21	Reed Organ Accordion	2	+			H			H		H	
	23	Hamonica	1	+									
	24	Tango Accordion	2	+			H			H		H	
Cuitos	25	Nylon Guitar	1	_	Nylon Guitar 2	1				-		-	
Guitar	26	Steel Guitar	1	+	Steel Guitar with Body Sound	2	+			-		-	
	27	Jazz Guitar	1	+	Steel Guital Willi Body Soulid		+			-		-	
	28	Clean Guitar	1	+									
	29	Muted Guitar	1	+	Jazz Man	2	+						
	30	Overdriven Guitar	1	+	Jazz Maii		+			-		-	
	31	Distortion Guitar	1	+									
	32	Guitar Harmonics	1	+						$\vdash$		$\vdash$	
Bass	33	Acoustic Bass	1	+		+				+		+	
Duss	34	Finger Bass	1	+									
	35	Pick Bass	1	+									
	36	Fretless Bass	1	+									
	37	Slap Bass 1	1	+									
	38	Slap Bass 2	1	+									
	39	Synth Bass 1	1	+	Clavi Bass	2	+	Hammer	2	+		T	
	40	Synth Bass 2	2	+	Attack Pulse	1	+		_	Ė			
Strings	41	Violin	1	+									
g	42	Viola	1	+						T		T	
	43	Cello	1	+									
	44	Contrabass	1	+			П			Г		Г	
	45	Tremolo Strings	1	+									
	46	Pizzicato Strings	1	+									
	47	Orchestral Harp	1	+									
	48	Timpani	1	+									
Ensemble	49	Strings 1	1	+			f			ı		ı	
	50	Strings 2	1	+									
	51	Synth Strings 1	2	+									
	52	Synth Strings 2	2	+									
	53	Choir Aahs	1	+									
	54	Voice Oohs	1	+									
	55	Synth Voice	1	+									
	56	Orchestra Hit	2	+	Euro Hit	1	+						
Brass	57	Trumpet	1	+									
	58	Trombone	1	+									
	59	Tuba	1	+									
	60	Muted Trumpet	1	+									
	61	French Hom	2	+									
	62	Brass Section	1	+									
	(2	Synth Brass 1	2	+	Jump Brass	2	+						
	63	Synth Brass 1		Ľ.	- mary		<u> </u>		_	_		_	

- Same as LSB 0

  E Standard Number of Element
  O Option
  Blank: XG Standard, XGLite Standard
  +: XG Option, XGLite Option
  -: XG Standard, XGLite Option

Bank Select MSB		121			12			121			121			12		
Bank Select LSB	DC3.4"	0	-	_	N		_	7	-	_	8	г	_	N	_	6
Instrument Group		Name	E 1	O	Name	Е	O	Name	Е	О	Name	Е	O	Name	Е	O
Piano	2	Grand Piano Bright Piano	1	+												H
	3	Electric Grand Piano	2	+												H
	4	Honky-tonk Piano	2	+												H
	5	Electric Piano 1	2	+												H
	6	Electric Pisno 2	2	+												H
	7	Harpsichord	1	+												
	8	Clavi	2	+												
Chromatic	9	Celesta	1	+												Т
Percussion	10	Glockenspiel	1	+												
	11	Music Box	2	+												
	12	Vibraphone	1	+												
	13	Marimba	1	+												
	14	Xylophone	1	+												
	15	Tubular Bells	1	+												
	16	Dulcimer	1	+												
Organ	17	Drawbar Organ	1	+												
	18	Percussive Organ	1	+												
	19	Rock Organ	2	+												
	20	Church Organ	2	+												
	21	Reed Organ	1	+												
	22	Accordion	2	+												
	23	Hamonica	1	+												
G :	24 25	Tango Accordion	2	+												
Guitar		Nylon Guitar	1	+												
	26 27	Steel Guitar Jazz Guitar	1	+												
	28	Clean Guitar	1	+												
	29	Muted Guitar	1	+												
	30	Overdriven Guitar	1	+												Н
	31	Distortion Guitar	1	+												
	32	Guitar Harmonics	1	+												
Bass	33	Acoustic Bass	1	+												-
Duss	34	Finger Bass	1	+												
	35	Pick Bass	1	+												
	36	Fretless Bass	1	+												
	37	Slap Bass 1	1	+												Т
	38	Slap Bass 2	1	+												
	39	Synth Bass 1	1	+												
	40	Synth Bass 2	2	+												
Strings	41	Violin	1	+												
	42	Viola	1	+												
	43	Cello	1	+												
	44	Contrabass	1	+												
	45	Tremolo Strings	1	+												
	46	Pizzicato Strings	1	+												
	47	Orchestral Harp	1	+												
E 11	48 49	Timpani	1	+												
Ensemble	50	Strings 1	1	+												
	51	Strings 2	2	+												
	52	Synth Strings 1 Synth Strings 2	2	+												
	53	Choir Aahs	1	+												Н
	54	Voice Oohs	1	+												$\vdash$
	55	Synth Voice	1	+						H						H
	56	Orchestra Hit	2	+												H
Brass	57	Trumpet	1	+						f						f
	58	Trombone	1	+												
	59	Tuba	1	+												П
	60	Muted Trumpet	1	+												П
	61	French Hom	2	+												
	62	Brass Section	1	+												
	63	Synth Brass 1	2	+												
	64	Synth Brass 2	1	+												

- Same as LSB 0

  E Standard Number of Element
  O Option
  Blank: XG Standard, XGLite Standard
  +: XG Option, XGLite Option
  -: XG Standard, XGLite Option

Bank Select MSB		121			121			121		
Bank Select LSB		0			1			2	-	
Instrument Group		Name	E	О	Name	E	O	Name	Е	. (
Reed	65	Soprano Sax	1	+						
	66	Alto Sax	1	+						4
	67	Tenor Sax	1	+						4
	68	Baritone Sax	1	+						4
	69	Oboe	2	+						4
	70	English Hom	1	+						1
	71	Bassoon	1	+						4
	72	Clarinet	1	+						4
Pipe	73	Piccolo	1	+						4
	74	Flute	1	+						4
	75	Recorder	1	+						-
	76	Pan Flute	1	+						-
	77	Blown Bottle	2	+						+
	78	Shakuhachi	2	+						4
	79	Whistle	1	+						-
	80	Ocarina	1	+						-
Synth Lead	81	Square Lead	2	+	Square Lead 2	1	+	Sine Lead	1	
	82	Sawtooth Lead	2	+	Sawtooth Lead 2	1	+	Dr. Lead	2	1
	83	Calliope Lead	2	+						1
	84	Chiff Lead	2	+	Win I and	2				1
	85	Charang Lead	2	+	Wire Lead	2	+			1
	86	Voice Lead	2	+						+
	87 88	Fifths Lead	2	+	Soft Whirl	2	+			+
1.0.1	89	Bass & Lead	_	_	Soft Whiri		+			+
ynth Pad		New Age Pad	2	+	G' D I					+
	90	Warm Pad	2	+	Sine Pad	2	+			+
	91	Poly Synth Pad	2	+	r					+
	92 93	Choir Pad	2	+	Itopia	2	+			+
	93	Bowed Pad Metallic Pad	2	+						+
				+						-
	95	Halo Pad	2	+						-
1 Dec .	96 97	Sweep Pad		+					+-	+
ynth Effects		Rain	2	+						+
	98 99	Sound Track		+	Synth Mallet	1				+
	100	Crystal	2	-	Synth Mailet	1	+			+
		Atmosphere	2	+						+
	101	Brightness Goblins	2	+						+
			2	+	Dala Dalla			Eska Dan	2	-
	103	Echoes Sci-Fi	2	+	Echo Bells	2	+	Echo Pan	2	
Male ! -	104		_	+	C:+ 2	2	-			4
thnic	105	Sitar	1	+	Sitar 2	2	+			
	106	Banjo	1	+						1
	107	Shamisen Vote	1	+	Taisha kin	2				1
	108	Koto	1	+	Taisho-kin	2	+			1
	109	Kalimba	1	+						1
	110 111	Bagpipe	2	+						1
	111	Fiddle Shanai	1	+						
amana di sa										1
ercussive	113 114	Tinkle Bell	2	+						1
		Agogo Stool Draws	2	-						
	115 116	Steel Drums Woodblock	1	+	Castanet	1				1
	117	Taiko Drum	1	+	Gran Cassa	1	+			
	117	Melodic Tom	2	+	Melodic Tom 2	1	+			1
	119	Synth Drum	1	+	Analog Tom 2	1	+	Electronic Percussion	2	
	120	Reverse Cymbal	1	+	rmmog rom	1	+	LICCUOTIC I CICUSSIOII	12	
	120		2	_	Cutting Noise	1		String Slan	1	4
ound Efforts	121	Fret Noise	2	+	Flute Key Click	1	+	String Slap	1	
ound Effects			4			1	+	Thunder	1	1
ound Effects	122	Breath Noise	2			1 1	+			
Sound Effects	122 123	Seashore	2	+	Shower					
Sound Effects	122 123 124	Seashore Bird Tweet	2	+	Dog	1	+	Horse	1	1
ound Effects	122 123 124 125	Seashore Bird Tweet Telephone Ring	2	+	Dog Phone Call	1	+	Horse Door Squeak	1	
Sound Effects	122 123 124	Seashore Bird Tweet	2	+	Dog	1	+	Horse	1	

- Same as LSB 0

  E Standard Number of Element
  O Option
  Blank: XG Standard, XGLite Standard
  +: XG Option, XGLite Option
  -: XG Standard, XGLite Option

Bank Select MSB		121			121			121			121		_
Bank Select LSB		0			3			4			5	_	_
Instrument Group	PGM#	Name	Е	О	Name	Е	О	Name	Е	О	Name	Е	C
Reed	65	Soprano Sax	1	+								T	Т
	66	Alto Sax	1	+								П	П
	67	Tenor Sax	1	+									I
	68	Baritone Sax	1	+									
	69	Oboe	2	+									
	70	English Hom	1	+									П
	71	Bassoon	1	+									
	72	Clarinet	1	+									
Pipe	73	Piccolo	1	+									
	74	Flute	1	+									
	75	Recorder	1	+									
	76	Pan Flute	1	+									
	77	Blown Bottle	2	+									
	78	Shakuhachi	2	+									
	79	Whistle	1	+									
	80	Ocarina	1	+									
Synth Lead	81	Square Lead	2	+									I
	82	Sawtooth Lead	2	+	Double Sawtooth	2	+	Sequenced Analog	2	+		F	F
	83	Calliope Lead	2	+									F
	84	Chiff Lead	2	+								F	F
	85	Charang Lead	2	+									F
-	86	Voice Lead	2	+								H	H
	87	Fifths Lead	2	+								H	H
	88	Bass & Lead		+						_		4	4
Synth Pad	89	New Age Pad	2	+								1	1
	90	Warm Pad	2	+								H	H
	91	Poly Synth Pad	2	+								+	H
	92 93	Choir Pad Bowed Pad		+								н	H
	93	Metallic Pad	2	+								H	H
	95	Halo Pad	2	+								+	H
	96	Sweep Pad	2	+								Н	H
Synth Effects	97	Rain	2	+		+-				H		۰	۰
Synth Effects	98	Sound Track	2	+								Н	۰
	99	Crystal	2	+								Н	۰
	100	Atmosphere	2	+								Н	Ħ
	101	Brightness	2	+								Н	ı
	102	Goblins	2	+									Т
	103	Echoes	2	+								П	T
	104	Sci-Fi	2	+								П	T
Ethnic	105	Sitar	1	+								T	T
	106	Banjo	1	+						П		П	T
	107	Shamisen	1	+								Г	T
	108	Koto	1	+								П	f
	109	Kalimba	1	+								П	Г
	110	Bagpipe	2	+								Г	П
	111	Fiddle	1	+									
	112	Shanai	1	+									
Percussive	113	Tinkle Bell	2	+									П
	114	Agogo	2	+								Г	П
	115	Steel Drums	2	+									I
	116	Woodblock	1	+									I
	117	Taiko Drum	1	+									
	118	Melodic Tom	2	+									
	119	Synth Drum	1	+									I
	120	Reverse Cymbal	1	+									
Sound Effects	121	Fret Noise	2	+									ø
	122	Breath Noise	2	+									
	123	Seashore	2	+	Wind	1		Stream	2	+	Bubble	2	-
	124	Bird Tweet	2	+	Bird Tweet 2	1	+						
	125	Telephone Ring	1	+	Door Slam	1	+	Scratch Cut	1	+	Wind Chime	1	
	126	Helicopter	1	+	Car Passing	1	+	Car Crash	1	+	Siren	2	
	127	Applause	1	+	Punch	1	+	Heartbeat	1	+	Footstep	1	+
	128	Gunshot	1	+	Explosion	2	+						

- Same as LSB 0

  E Standard Number of Element
  O Option
  Blank: XG Standard, XGLite Standard
  +: XG Option, XGLite Option
  -: XG Standard, XGLite Option

Bank Select MSB		121			12	1		121			121			12	1	
Bank Select LSB		0			6			7			8			9		_
Instrument Group	PGM#	Name	Е	О	Name	Е	О	Name	Е	О	Name	Е	О	Name	Е	О
Reed	65	Soprano Sax	1	+												
	66	Alto Sax	1	+												
	67	Tenor Sax	1	+												
	68	Baritone Sax	1	+												
	69	Oboe	2	+												
	70 71	English Hom Bassoon	1	+											H	
	72	Clarinet	1	+											Н	
Pipe	73	Piccolo	1	+											H	
r ipc	74	Flute	1	+												
	75	Recorder	1	+												
	76	Pan Flute	1	+												
	77	Blown Bottle	2	+											П	
	78	Shakuhachi	2	+												
	79	Whistle	1	+												
	80	Ocarina	1	+												
Synth Lead	81	Square Lead	2	+												
	82	Sawtooth Lead	2	+												
	83	Calliope Lead	2	+												
	84	Chiff Lead	2	+												
	85 86	Charang Lead Voice Lead	2	+											H	
	87	Fifths Lead	2	+											Н	
	88	Bass & Lead	2	+												
Synth Pad	89	New Age Pad	2	+											П	
	90	Warm Pad	2	+												
	91	Poly Synth Pad	2	+											П	
	92	Choir Pad	2	+											П	
	93	Bowed Pad	2	+												
	94	Metallic Pad	2	+												
	95	Halo Pad	2	+												
	96	Sweep Pad	2	+												
Synth Effects	97	Rain	2	+												
	98 99	Sound Track Crystal	2	+											H	
	100	Atmosphere	2	+											H	
	101	Brightness	2	+												
	102	Goblins	2	+												
	103	Echoes	2	+											П	
	104	Sci-Fi	2	+											П	
Ethnic	105	Sitar	1	+												
	106	Banjo	1	+												
	107	Shamisen	1	+												
	108	Koto	1	+												
	109	Kalimba	1	+												
	110 111	Bagpipe Fiddle	2	+											H	
	111	Shanai	1	+											Н	
Percussive	113	Tinkle Bell	2	+												
releasive	114	Agogo	2	+												
	115	Steel Drums	2	+												
	116	Woodblock	1	+												
	117	Taiko Drum	1	+												
	118	Melodic Tom	2	+												
	119	Synth Drum	1	+												
	120	Reverse Cymbal	1	+												
Sound Effects	121	Fret Noise	2	+												
	122	Breath Noise	2	+												
	123	Seashore	2	+												
	124 125	Bird Tweet	1	+												
	125	Telephone Ring Helicopter	1	+	Train	1	+	Jet Plane	2	,	Starship	2	,	Burst	2	+
	120	Applause	1	+	ridili	1	+	JCI I IAIIC	_	+	otat siii p	_	+	Duist	É	Ť
	128	Gunshot	1	+												
	- 20		<u> </u>	<u> </u>												

- Same as PGM#1 (Standard Kit)
   No Sound
  E Standard Number of Elements
  O Option
  Blank : XG Standard, XGLite Standard
  + : XG Option, XGLite Option
   : XG Standard, XGLite Option

Bank Select N	MSB	127		127			127			127		$\neg$
Bank Select I	LSB	0		0			0			0		
PGM# (1-128	8)	1		2			3			4		
		Standard Kit		Standard Kit 2		O	Dry Kit	,	0	Bright Kit		0
Note#	Note		E	Diandard Kit 2	E		•	E	+	,	E	+
13	C# -1	Surdo Mute	1				Surdo Mute V	1	+	Surdo Mute B	1	+
14	D -1	Surdo Open	1				Surdo Open V	1	+	Surdo Open B	1	+
15	D# -1	Hi Q	1							Hi Q B	1	+
16	E -1	Whip Slap	1							Whip Slap B	1	+
17	F -1	Scratch H	1							Scratch H B	1	+
18	F# -1	Scratch L	1							Scratch L B	1	+
19	G -1	Finger Snap	1							Finger Snap B	1	+
20	G# -1	Click Noise	1							Click Noise B	1	+
21	A -1	Metronome Click	1							Metronome Click B	1	+
22	A# -1	Metronome Bell	1							Metronome Bell B	1	+
23	B -1	Seq Click L	1							Seq Click L B	1	+
24	C 0	Seq Click H	1							Seq Click H B	1	+
25	C# 0	Brush Tap	1				Brush Tap V	1		Brush Tap B	1	+
26	D 0	Brush Swirl	1				Brush Swirl V	1	+	Brush Swirl B	1	+
27	D# 0	Brush Slap	1				Brush Slap V	1		Brush Slap B	1	+
28	E 0	Brush Tap Swirl	1				Brush Tap Swirl V	1	+	Brush Tap Swirl B	1	+
29	F 0	Snare Roll	1	Snare Roll 2	1		Snare Roll V	1	+	Snare Roll B	1	+
30	F# 0	Castanet	1							Castanet B	1	+
31	G 0	Snare Soft	1	Snare Soft 2	1		Snare Dry Soft	1	+	Snare Soft B	1	+
32	G# 0	Sticks	1							Sticks B	1	+
33	A 0	Kick Soft	1				Kick Dry Soft	1	+	Kick Soft B	1	+
34	A# 0	Open Rim Shot	1	Open Rim Shot H Short	1		Open Rim Shot Dry V	1		Open Rim Shot B	1	+
35	B 0	Kick Tight	1	Kick Tight Short	1		Kick Dry Tight	1	+	Kick Tight B	1	+
36	C 1	Kick	1	Kick Short	1		Kick Dry Mute	1	+	Kick B	1	+
37	C# 1	Side Stick	1				Side Stick Dry	1	+	Side Stick B	1	+
38	D 1	Snare	1	Snare Short	1		Snare Dry	1	+	Snare B	1	+
39	D# 1	Hand Clap	1							Hand Clap B	1	+
40	E 1	Snare Tight	1	Snare Tight H	1	_1	Snare Dry Mute	1	+	Snare Tight B	1	+
41	F 1	Floor Tom L	1				Floor Tom L Short	1	+	Floor Tom L B	1	+
42	F# 1	Hi-Hat Closed	1							Hi-Hat Closed L B	1	+
43	G 1	Floor Tom H	1				Floor Tom H Short	1	+	Floor Tom H B	1	+
44	G# 1	Hi-Hat Pedal	1							Hi-Hat Pedal B	1	+
45	A 1	Low Tom	1				Low Tom Short	1	+	Low Tom B	- 1	+
46	A# 1	Hi-Hat Open	1							Hi-Hat Open B	1	+
47	B 1	Mid Tom L	1				Mid Tom L Short	1	+	Mid Tom L B	1	+
48	C 2	Mid Tom H	1				Mid Tom H Short	1	+	Mid Tom H B	1	+
49	C# 2	Crash Cymbal 1	1				Crash Cymbal 1 V	1	+	Crash Cymbal 1 B	1	+
50	D 2	High Tom	1				High Tom Short	1	+	High Tom B	1	+
51	D# 2	Ride Cymbal 1	1				Ride Cymbal 1 V	1	+	Ride Cymbal 1 B	1	+
52	E 2	Chinese Cymbal	1				Chinese Cymbal V	1	+	Chinese Cymbal B	- 1	+
53	F 2	Ride Cymbal Cup	1						Ė	Ride Cymbal Cup Short	1	+
54	F# 2	Tambourine	1							Tambourine B	1	+
55	G 2	Splash Cymbal	1				Splash Cymbal V	1	+	Splash Cymbal B	1	+
56	G# 2	Cowbell	1					-	Ė	Cowbell L	1	+
57	A 2	Crash Cymbal 2	1				Crash Cymbal 2 V	1	+	Crash Cymbal 2 B	1	+
58	A# 2	Vibraslap	1				crash cymou 2 v	_	Ė	Vibraslap B	1	+
59	B 2	Ride Cymbal 2	1				Ride Cymbal 2 V	1	+	Ride Cymbal 2 B	1	+
60	C 3	Bongo H	1				Bongo H V	1	+	Bongo H B	1	+
61	C# 3	Bongo L	1				Bongo L V	1		Bongo L B	1	+
62	D 3	Conga H Mute	1				Conga H Mute V	1	+	Conga H Mute B	1	+
63	D# 3	Conga H Open	1				Conga H Open V	1	+	Conga H Open B	1	+
64	E 3	Conga L	1				Conga L V	1	+	Conga L B	1	+
65	F 3	Timbale H	1				Timbale H V	1	+	Timbale H B	1	+
66	F# 3	Timbale L	1				Timbale L V	1	+	Timbale L B	1	+
67	G 3	Agogo H	1				Agogo H V	1	+	Agogo H B	1	+
68	G# 3	Agogo L	1				Agogo L V	1	+	Agogo L B	1	+
69	A 3	Cabasa	1					Ė	Ė	Cabasa B	1	+
70	A# 3	Maracas	1							Maracas B	1	+
71	B 3	Samba Whistle H	1				Samba Whistle H V	1	+	Samba Whistle H B	1	+
72	C 4	Samba Whistle L	1				Samba Whistle L V	1	_	Samba Whistle L B	1	+
73	C# 4	Guiro Short	1				Daniel Hillione L V		7	Guiro Short B	1	+
74	D 4	Guiro Long	1						f	Guiro Long B	1	+
75	D# 4	Claves	1						f	Claves B	1	+
76	E 4	Wood Block H	1						f	Wood Block H B	1	+
77	F 4	Wood Block II	1						ı	Wood Block II B	1	+
78	F# 4	Cuica Mute	1				Cuica Mute V	1	+	Cuica Mute B	1	+
79	G 4	Cuica Open	1				Cuica Open V	1	+	Cuica Open B	1	+
80	G# 4	Triangle Mute	1				салев Орен У	1	*	Triangle Mute B	1	+
81	A 4	Triangle Mute Triangle Open	1							Triangle Open B	1	+
82	A# 4		1						ı	Chalcar D	1	
82	A# 4 B 4	Shaker Lingle Polls	1							Shaker B	1	+
84	C 5	Jingle Bells Bell Tree	1							Jingle Bells B Bell Tree B	1	+
85	C# 5	Dell 1100	1							Den 1100 B	1	÷
86	D 5											H
86												
88 89	E 5											
90	F# 5											
90												
91	G 5											

- Same as PGM#1 (Standard Kit)
   No Sound
  E Standard Number of Elements
  O Option
  Blank : XG Standard, XGLite Standard
  + : XG Option, XGLite Option
   : XG Standard, XGLite Option

Bank Select N	MSB	127		127			127			127		—,
Bank Select I	.SB	0		0			0			0		
PGM# (1-128	3)	1	1.	5		0	6		-	7		
Note#	Note	Standard Kit	E	Skim Kit	Е	O +	Slim Kit	Е	O +	Rogue Kit	Е	+
13	C# -1	Surdo Mute	1	Surdo Mute V	1	+	Surdo Mute V	1	+	Surdo Mute V	1	+
14	D -1	Surdo Open	1	Surdo Open V	1	+	Surdo Open V	1	+	Surdo Open V	1	+
15	D# -1	Hi Q	1									
16 17	E -1 F -1	Whip Slap Scratch H	1						-			+
18	F# -1	Scratch L	1									
19	G -1	Finger Snap	1									
20	G# -1	Click Noise	1									T
21	A -1	Metronome Click	1									
22	A# -1	Metronome Bell	1					-	-			4
23 24	B -1 C 0	Seq Click L Seq Click H	1						+			+
25	C# 0	Brush Tap	1	Brush Tap V	1	+	Brush Tap V	1	+	Brush Tap V	1	+
26	D 0	Brush Swirl	1	Brush Swirl V	1	+	Brush Swirl V	1	+	Brush Swirl V	1	+
27	D# 0	Brush Slap	1	Brush Slap V	1	+	Brush Slap V	1	+	Brush Slap V	1	+
28	E 0	Brush Tap Swirl	1	Brush Tap Swirl L	1	+	Brush Tap Swirl L	1	+	Brush Tap Swirl L	1	+
29 30	F 0 F# 0	Snare Roll Castanet	1	Snare Roll V Castanet Sk	1	+	Snare Roll V Castanet H	1	+	Snare Roll V Castanet H	1	+
31	G 0	Snare Soft	1	Snare Dry Q	1	+	Snare Rough Q	1	+	Snare Brass Soft	1	+
32	G# 0	Sticks	1	, 🔻	Ė	Ė	Sticks Q	1	+	ar arms bon	Ė	Ė
33	A 0	Kick Soft	1	Kick Dry Soft HPF	1		Kick Soft Dark	1	+	Kick Soft 2	1	+
34	A# 0	Open Rim Shot	1	Open Rim Shot Dry HPF	1		Open Rim Shot Sl	1	+	Open Rim Shot 2	1	+
35	B 0	Kick Tight	1	Kick Dry Tight Q	1		Kick Tight Short L	1	+	Kick Dark 2	1	+
36 37	C 1	Kick Side Stiek	1 1	Kick Dry Mute HPF	1		Kick Short Dark	1		Kick Tight 4 Side Stick Tight	1	+
38	C# 1 D 1	Side Stick Snare	1	Side Stick Dry Q Snare Dry H	1		Side Stick Q Snare Short HPF	1	+	Snare Snappy Short	1	+
39	D# 1	Hand Clap	1	Hand Clap Sk	1		Hand Clap Dark	1	+		Ė	Ė
40	E 1	Snare Tight	1	Snare Dry Mute Q	1	+	Snare Tight Mute	1	+	Snare Brass Hard	1	+
41	F 1	Floor Tom L	1	Floor Tom L Short Sk	1		Floor Tom L Tight	1	+	Floor Tom L Tight	1	+
42	F# 1	Hi-Hat Closed	1	Hi-Hat Closed H	1	_	Hi-Hat Closed L Q	1	+	Hi-Hat Closed 3	1	+
43	G 1 G# 1	Floor Tom H Hi-Hat Pedal	1	Floor Tom H Short Sk Hi-Hat Pedal H	1	+	Floor Tom H Tight Hi-Hat Pedal Q	1	+	Floor Tom H Tight Hi-Hat Pedal 3	1	+
45	A 1	Low Tom	1	Low Tom Short Sk	1	+	Low Tom Tight	1	+	Low Tom Tight	1	+
46	A# 1	Hi-Hat Open	1	Hi-Hat Open H	1		Hi-Hat Open Q	1	+	Hi-Hat Open 3	1	+
47	B 1	Mid Tom L	1	Mid Tom L Short Sk	1	+	Mid Tom L Tight	1	+	Mid Tom L Tight	1	+
48	C 2	Mid Tom H	1	Mid Tom H Short Sk	1	+	Mid Tom H Tight	1	+	Mid Tom H Tight	1	+
49	C# 2	Crash Cymbal 1	1	Crash Cymbal 1 Q	1	+	Crash Cymbal 1 L	1	+	Crash Cymbal 3	1	+
50 51	D 2 D# 2	High Tom Ride Cymbal 1	1	High Tom Short Sk Ride Cymbal 1 Sk	1	+	High Tom Tight Ride Cymbal 1 L	1	+	High Tom Tight Ride Cymbal 3	1	+
52	E 2	Chinese Cymbal	1	Chinese Cymbal HPF	1	+	Chinese Cymbal L	1	+	Chinese Cymbal 2	1	+
53	F 2	Ride Cymbal Cup	1	Ride Cup Q	1	+	Ride Cymbal Cup L	1	+	Ride Cymbal Cup 2	1	+
54	F# 2	Tambourine	1	Tambourine Q	1	+						
55	G 2	Splash Cymbal	1	Splash Cymbal H	1	+	Splash Cymbal L Short	1	+	Splash Cymbal V	1	+
56 57	G# 2	Cowbell	1	Cowbell HPF	1	+	Cowbell Dark	1	+	Cowbell Mid	1	+
58	A 2 A# 2	Crash Cymbal 2 Vibraslap	1	Crash Cymbal 2 Dark	1	+	Crash Cymbal 2 L	1	+	Crash Cymbal 4	1	+
59	B 2	Ride Cymbal 2	1	Ride Cymbal 2 Q	1	+	Ride Cymbal 2 L	1	+	Ride Cymbal 4 Q	1	+
60	C 3	Bongo H	1	Bongo H HPF	1		Bongo H V	1	+	Bongo H V	1	+
61	C# 3	Bongo L	1	Bongo L HPF	1		Bongo L V	1	+	Bongo L V	1	+
62	D 3	Conga H Mute	1	Conga H Mute HPF	1		Conga H Mute V	1	+	Conga H Mute 2	1	+
63 64	D# 3 E 3	Conga H Open Conga L	1	Conga H Open HPF Conga L HPF	1		Conga H Open V Conga L H	1	+	Conga H Open 2 Conga L 2	1	+
65	F 3	Timbale H	1	Timbale H HPF	1		Timbale H V	1	+	Timbale H V	1	+
66	F# 3	Timbale L	1	Timbale L HPF	1	+	Timbale L V	1	+	Timbale L V	1	+
67	G 3	Agogo H	1	Agogo H HPF	1	+	Agogo H V	1	+	Agogo H V	1	+
68	G# 3	Agogo L	1	Agogo L HPF	1	+	Agogo L V	1	+	Agogo L V	1	+
69	A 3	Cabasa	1	Cabasa BPF	1	+	Marray O		H	M 0		
70 71	A# 3 B 3	Maracas Samba Whistle H	1 1	Maracas L Samba Whistle H BPF	1	+	Maracas Q Samba Whistle H V	1	+	Maracas Q Samba Whistle H V	1	+
72	C 4	Samba Whistle L	1	Samba Whistle L BPF	1	+	Samba Whistle L V	1	+	Samba Whistle L V	1	+
73	C# 4	Guiro Short	1			Ì			Ė		Ė	Ė
74	D 4	Guiro Long	1						Г			
75	D# 4	Claves	1						ľ			
76 77	E 4	Wood Block H Wood Block L	1 1						H			1
77	F# 4	Wood Block L Cuica Mute	1						H			۰
79	G 4	Cuica Open	1	Cuica Open H	1	+	Cuica Open H	1	+	Cuica Open H	1	+
80	G# 4	Triangle Mute	1						Ĺ			
81	A 4	Triangle Open	1						Г			
82	A# 4	Shaker	1									
83	B 4		1						H			
84 85	C 5 C# 5	Bell Tree	1									н
86	D 5								H			
87	D# 5											Ħ
88	E 5											
89	F 5								ľ			
90	F# 5											
91	G 5											

- Same as PGM#1 (Standard Kit)
   No Sound
  E Standard Number of Elements
  O Option
  Blank : XG Standard, XGLite Standard
  + : XG Option, XGLite Option
   : XG Standard, XGLite Option

Description   Description	Bank Select I	MSB		127			127			127			127			127	
South   Sout	Bank Select I	LSB		0			0			0			0			0	
Source   South Mark   E	PGM# (1-12)	8)				0			I c	1		0			0		
14   D   2   South Oppon   1   South Oppon V   1   1   1   1   1   1   1   1   1		Note			Е	0		Е	+	Room Kit	Е	U	Dark Room Kit	Е	+	Rock Kit	
15   15   15   15   15   15   15   15									+						+		
10   F   -1   Nap Sup   1							Surdo Open V	1	+				Surdo Open v	1	+		
F   1   Seach   1   1									+								
18   19   1   Strate   L   1																	
20   A   1   Okt Norm   1   Nervounce Tick   1	18	F#			1												
22   A - 1   Merrosone Cick   1			-1		1												
23   Al   -1   Section   1																	
23   C   0   Roub Tap   1   Roub Tap V   1									4								
25   C   0   Seq Circk   H   1									+								
25   C   O   Broak Tap   I   South Tap V   I   C   Broak Step V   I   C									+								
26   D   O   Breads Severit   I   Eller Severit V   I   I   C   Breads Severit V   I   I   C   C   C   C   C   C   C   C							Bruch Tan V	1	-				Bruch Tan V	1	_		
27   De   De   Brank Step   1   Brank Step V   1   1   Catacet   1   De   Catalog   1   De   De   De   De   De   De   De									+								
28   E   O   Broak Tap Swirt   1   State Red   V   1   +     State Red   V   1   +									+								
29   F   0   Saare Roll   1   Saare Roll Y   1   1   1   1   1   1   1   1   1	28	E		Brush Tap Swirl					+					1			
32   G   O   States Soft		F	0		1			1	+				Snare Roll V	1	+		
33   A   O   Stacks									+								
33   A   O   Kok Soft   1   O   Kok Soft   2   1							Snare Brass Soft H	1	+							Snare Noisy	1
35   8   0   Open Rim Shot   1   Open Rim Shot   1   1   1   1   1   1   1   1   1						_	W. L. O. C. A.W.	Η.	F							W: 1 TF: 1 - 0	
36   C   Rock   1   Rock Date 2   1     Rock Date 2   1       Rock Dome 2   1									+							Kick Tight 2	1
36   C   1   Kek   1   Stack Tight 4   1   1   Kick Room   1   1   Kick Room Cate   1   Kick Gate   1						$\vdash$			+				Kick Dark	1		Kick 2	1
38   D   Saare   Saare State   1   Saare State						H			+	Kick Room	1	+					
38   D   1   Share									+	- Lea Moont		Ė	Room Gate		Ė	out	
39						Т			+	Snare Snappy	1	Г	Snare Snappy 2	1	+	Snare Rock	1
40   E   1   Shase Tight   1   Shase Brask Hard H   1   1   1   1   1   Tom Room 1   1   Tom Room 1   1   Tom Room 1   1   Tom Room 1   1   Tom Room 1   1   Tom Room 1   1   Tom Room 1   1   Tom Room 1   1   Tom Room 1   1   Tom Room 1   1   Tom Room 2   1   1   Tom Room 2   1   1   Tom Room 2   1   1   Tom Room 2   1   1   Tom Room 2   1   1   Tom Room 2   1   1   Tom Room 2   1   1   Tom Room 2   1   1   Tom Room 2   1   1   Tom Room 2   1   1   Tom Room 2   1   1   Tom Room 2   1   1   Tom Room 3   1   Tom Room 3   1   Tom Room 3   1   Tom Room 3   1   Tom Room 3   1   Tom Room 3   1   Tom Room 3   1   Tom Room 3   1   Tom Room 3   1   Tom Room 3   1   Tom Room 3   1   Tom Room 3   1   Tom Room 4   Tom Room 3   1   Tom Room 4   Tom Room 6   Tom			1		1				İ	117							
41   F   1   Phoc Tom L   1   Floor Tom L Tight H   1   7   Tom Room 1   1   Tom Room 1   1   Tom Room 1   1   Tom Room 1   1   Tom Room 1   1   Tom Room 1   1   1   Tom Room 1   1   Tom Room 2   1   Room Tom 2   1   Room Tom 2   1   Tom Room 2   1   Room Tom 2   1   Tom Room 2   1   Room Tom 2   1   Tom Room 2   1   Room Tom 2   1   Tom Room 2   1   Room Tom 2   1   Tom Room 2   1   Room Tom 2   1   Tom Room 2   1   Room Tom 2   1   Tom Room 2   1   Room Tom 2   1   Tom Room 3   1   Room Tom 3   2   1   Tom Room 3   1   Room Tom 3   2   1   Tom Room 3   1   Room Tom 3   2   1   Tom Room 3   1   Room Tom 3   2   1   Tom Room 4   1   Tom Room 4   1   Tom Room 4   1   Tom Room 4   1   Tom Room 4   1   Tom Room 4   1   Tom Room 4   1   Tom Room 4   1   Tom Room 4   1   Tom Room 4   1   Tom Room 4   1   Tom Room 4   1   Tom Room 4   1   Tom Room 4   1   Tom Room 4   1   Tom Room 4   1   Tom Room 4   1   Tom Room 4   1   Tom Room 4   1   Tom Room 6   1   Tom Room 4   1   Tom Room 4   1   Tom Room 4   1   Tom Room 4   1   Tom Room 4   1   Tom Room 4   1   Tom Room 4   1   Tom Room 4   1   Tom Room 4   1   Tom Room 4   1   Tom Room 6   1   Tom Room		E		Snare Tight					+						_		-
43   G									+	Tom Room 1	1	L	Tom Room 1 Q		+	Tom Rock 1	1
44   Gf   1   H-Hal Pedal   1   H-Hal Pedal   1   H-Hal Pedal   1   H-Hal Pedal   1   H-Hal Pedal   1   H-Hal Open   1   H-									+						+		
45									+	Tom Room 2	1				-	1 om Rock 2	1
46   As						H			+	Tom Poor 2	,	F			-	Tom Post- 2	
43						-			+	TOTH KOORI 5	1				+	1 OIII ROCK 3	1
48									+	Tom Room 4	1				+	Tom Rock 4	1
49									+			H			+		
Sol   D   2   High Tom   1   High Tom Tight H   1   1   1   1   1   1   1   1   1						Т			+					Ė	Ė		
St.   D# 2   Ride Cymbal 1	50			High Tom	1		High Tom Tight H	1	+	Tom Room 6	1	Г		1	+	Tom Rock 6	1
S3   F   2   Ride Cymbal Cup   1   Ride Cymbal Cup 2 H   1   +				Ride Cymbal 1			Ride Cymbal 3 H		+						+		
S4									+				Chinese Cymbal V	1	+		
SS   G   2   Splash Cymbal   1   Splash Cymbal H   1   +     Splash Cymbal V   1   +									+								
56   Git   2   Cowbell   1   Cowbell H   1   +									+				0.1.1.0		Г		
S7						-			+				Spiash Cymbal V	1	+		
S8								_	+				Crach Cumbal 2 V	1			
System   S						H	стази Сушоат 4 П	1	+				Crasn Cymoll 2 V	1	Ť		
60							Ride Cymbal 4	1	+				Ride Cymbal 2 V	1	+		
61						Т			+						+		
62   D   3   Conga H Mute   1   Conga H Mute 2 H   1   +									+						+		
64   E   3   Conga L   1   Conga L 2 H   1   +	62		3	Conga H Mute	1		Conga H Mute 2 H		+				Conga H Mute V		+		
65					-				+					-	+		
66									+						+		
67   G   3   Agogo H   1   Agogo H V   1   +									+						+		
68					-	H			+					-	+		
69						-			+						+		
To   A#   3   Maracas   1   Maracas Q   1   +							1.5050 L 1	1	Ť				1.5050 L 1		Ť		
Tilde   Tild						H	Maracas Q	1	+								
72									+				Samba Whistle H V	1	+		
73				Samba Whistle L					+						+		
75	73		4	Guiro Short													
76									ø						ľ		
77																	
78									П								
79   G   4   Cuica Open   1   Cuica Open H   1   +     Cuica Open V   1   +						-			H				Cuica Muta V	1	F		
80						-	Cuica Onen H	1	H						+		
81 A 4 Triangle Open 1 82 A# 4 Shaker 1 83 B 4 Jingle Bells 1 84 C 5 Bell Tree 1 85 C# 5 86 D 5 87 D# 5 88 E 5 89 F 5 89 F 5				Triangle Mute		-	сыса Орен 11	1	+				сиса Орен V	1	+		
82     A#     4     Shaker     1       83     B     4     Jingle Bells     1       84     C     5     Bell Tree     1       85     C#     5     Bell Tree     1       86     D     5     5       87     D#     5     5       88     E     5       90     F#     5				Triangle Open					П								
83     B     4     Jingle Bells     1       84     C     5     Bell Tree     1       85     C     5     S       86     D     5       87     D     5       88     E     5       89     F     5       90     F     5									۲			F					
84									۲			F					
85 C# 5 86 D 5 87 D# 5 88 E 5 90 F# 5						Т			П								
87 D# 5 88 E 5 90 F# 5									П								
88 E 5 89 F 5 90 F# 5	86		5						ľ								
89 F 5 90 F# 5									П								
90 F# 5																	
	90	F#	5						ı								

- Same as PGM#1 (Standard Kit)
   No Sound
  E Standard Number of Elements
  O Option
  Blank : XG Standard, XGLite Standard
  + : XG Option, XGLite Option
   : XG Standard, XGLite Option

	.O Standard	, XGLite Option										
Bank Select		127		1	127			127		127		
Bank Select I		0			0			0		0		
PGM# (1-12	8)	1	- 1	0 p	18		О	25	-	26		0
Note#	Note	Standard Kit	E	R	Rock Kit 2	E	+	Electro Kit	Е	Analog Kit	E	
13	C# -1	Surdo Mute	1		urdo Mute V	1	+					
14 15	D -1 D# -1	Surdo Open Hi Q	1 1	S	urdo Open V	1	+					
16	E -1	Whip Slap	1									
17	F -1	Scratch H	1									
18	F# -1	Scratch L	1									
19	G -1 G# -1	Finger Snap Click Noise	1	-								
21	A -1	Metronome Click	1	-								
22	A# -1	Metronome Bell	1									
23 24	B -1 C 0	Seq Click L Seq Click H	1	-								
25	C# 0	Brush Tap	1	В	Brush Tap V	1	+					
26	D 0	Brush Swirl	1		Brush Swirl V	1	+					
27	D# 0	Brush Slap	1		Brush Slap V	1	+	Danier Combal	,	Daviera Combal	,	
28 29	E 0 F 0	Brush Tap Swirl Snare Roll	1		Brush Tap Swirl V Inare Roll V	1	+	Reverse Cymbal	1	Reverse Cymbal	1	
30	F# 0	Castanet	1		naic Roil V		Ė	Hi Q 2	1	Hi Q 2	1	
31	G 0	Snare Soft	1	S	nare Noisy 5	1	+	Snare Snappy Electro	1	Snare Noisy 4	1	
32 33	G# 0	Sticks Kick Soft	1	ν	Tick Tight 3	1	ļ	Kick 3	1	Kick Tight 2	1	
33	A 0 A# 0	Open Rim Shot	1		Cick Tight 3	1	+	KICK 3	1	Kick Tight 2	1	
35	B 0	Kick Tight	1		Cick 4	1	+	Kick Gate	1	Kick Analog Short	1	
36	C 1	Kick	1	K	Cick Gate 2	1	+	Kick Gate Heavy	1	Kick Analog	1	Ц
37 38	C# 1 D 1	Side Stick Snare	1	Ç.	nare Rock 2	1	+	Snare Noisy 2	1	Side Stick Analog Snare Analog	1	Н
39	D# 1	Hand Clap	1		mare Rock 2	1	Ť	Share Horsy 2	1	Share Ahalog		
40	E 1	Snare Tight	1		nare Rock Rim Q	1	+	Snare Noisy 3	1	Snare Analog 2	1	
41	F 1	Floor Tom L	1		om Rock 1 H	1	+	Tom Electro 1	1	Tom Analog 1	1	
42	F# 1 G 1	Hi-Hat Closed Floor Tom H	1		i-Hat Closed 2 om Rock 2 H	1	+	Tom Electro 2	1	Hi-Hat Closed Analog Tom Analog 2	1	
44	G# 1	Hi-Hat Pedal	1		li-Hat Pedal 2	1	+	Tom Executo 2		Hi-Hat Closed Analog 2	1	
45	A 1	Low Tom	1		om Rock 3 L Short	1	+	Tom Electro 3	1	Tom Analog 3	1	
46 47	A# 1 B 1	Hi-Hat Open Mid Tom L	1		i-Hat Open 2 om Rock 4 L Short	1	+	Tom Electro 4	1	Hi-Hat Open Analog	1	Н
48	C 2	Mid Tom H	1		om Rock 4 L Short	1	+	Tom Electro 5	1	Tom Analog 4 Tom Analog 5	1	Н
49	C# 2	Crash Cymbal 1	1	Ť						Crash Analog	1	
50	D 2	High Tom	1		om Rock 6 L Short	1	+	Tom Electro 6	1	Tom Analog 6	1	
51 52	D# 2 E 2	Ride Cymbal 1 Chinese Cymbal	1		tide Cymbal 1 V Chinese Cymbal V	1	+					
53	F 2	Ride Cymbal Cup	1		minese Cymbai v	1	_					
54	F# 2	Tambourine	1									
55	G 2	Splash Cymbal	1	S	plash Cymbal V	1	+			0 1 11 4 1		
56 57	G# 2 A 2	Cowbell Crash Cymbal 2	1	С	Crash Cymbal 2 V	1	+			Cowbell Analog	1	
58	A# 2	Vibraslap	1	Ĭ	Ausir Cymour 2 1		Ė					
59	B 2	Ride Cymbal 2	1		tide Cymbal 2 V	1	+					
60	C# 3	Bongo H Bongo L	1		Bongo H V Bongo L V	1	+					
62	D 3	Conga H Mute	1		Conga H Mute V	1	+			Conga Analog H	1	
63	D# 3	Conga H Open	1	С	Conga H Open V	1	+			Conga Analog M	1	
64	E 3	Conga L	1		Conga L V	1	+			Conga Analog L	1	
65 66	F 3 F# 3	Timbale H Timbale L	1		imbale H V imbale L V	1	+					
67	G 3	Agogo H	1		Agogo H V	1	+					
68	G# 3	Agogo L	1		agogo L V	1	+					
69 70	A 3 A# 3	Cabasa Maracas	1							Maracas 2	1	
71	B 3	Samba Whistle H	1	S	amba Whistle H V	1	+			manucus 2		
72	C 4	Samba Whistle L	1		amba Whistle L V	1	+					
73	C# 4	Guiro Short	1									
74 75	D 4 D# 4	Guiro Long Claves	1	-						Claves 2	1	
76	E 4	Wood Block H	1								Ė	
77	F 4	Wood Block L	1									
78	F# 4	Cuica Mute	1	0	Cuica Mute V	1	+	Scratch I 2	1	Scratch H 2	1	$\vdash$
80	G# 4	Triangle Mute	1		uica Open v	1	+	Scratch L 2	1	Scratch L 3	1	
81	A 4	Triangle Open	1									
82	A# 4	Shaker	1									
83 84	B 4 C 5	Jingle Bells Bell Tree	1									
85	C# 5											
86	D 5											
87 88	D# 5 E 5											
88	E 5 F 5											
90	F# 5											
91	G 5											

- Same as PGM#1 (Standard Kit)
   No Sound
  E Standard Number of Elements
  O Option
  Blank : XG Standard, XGLite Standard
  + : XG Option, XGLite Option
   : XG Standard XGLite Option

Bank Select	MSB	127		127			127			127		
Bank Select		0		0			0			0		
PGM# (1-12	28)	1		27			28			29		
Note#	Note	Standard Kit	E	Analog Kit 2	Е	0	Dance Kit	Е	0	Hip Hop Kit	Е	+ O
13	C# -1	Surdo Mute	1	Surdo Mute V	1	+		E	+	Surdo Mute V	1	+
14	D -1	Surdo Open	1	Surdo Open V	1	+			H	Surdo Open V	1	+
15	D# -1	Hi Q	1						t			
16	E -1	Whip Slap	1									
17	F -1	Scratch H	1									
18 19	F# -1	Scratch L	1						┡			Н
20	G -1 G# -1	Finger Snap Click Noise	1						┢			
21	A -1	Metronome Click	1						H			
22	A# -1	Metronome Bell	1						t			
23	B -1	Seq Click L	1									
24	C 0	Seq Click H	1							n		
25	C# 0	Brush Tap Brush Swirl	1	Brush Tap V	1	+			+	Brush Tap V	1	+
26	D# 0		1	Brush Swirl V Brush Slap V	1	+			₩	Brush Swirl V Brush Slap V	1	+
28	E 0	Brush Tap Swirl	1	Reverse Cymbal	1	+	Reverse Cymbal	1	+	Brush Tap Swirl V	1	+
29	F 0	Snare Roll	1	Snare Roll V	1	+				Snare Roll V	1	+
30	F# 0	Castanet	1	Hi Q 2	1		Hi Q 2	1	+			
31	G 0	Snare Soft	1	Snare Analog 3	1	+	Snare Techno 3	1	+	Open Rim Shot 2 Soft	1	+
32 33	G# 0 A 0	Sticks Kick Soft	1	Viala Tarker C-A	1	+	Kick Techno Q	1	+	Vial Day C-A 2	1	+
33	A# 0	Open Rim Shot	1	Kick Techno Soft Open Rim Shot Dry V	1		Rick Techno Q Rim Gate	1		Kick Dry Soft 2 Open Rim Shot 2	1	+
35	B 0	Kick Tight	1	Kick Techno Tight	1	_	Kick Techno L	1		Kick Dim	1	+
36	C 1	Kick	1	Kick Techno	1	+	Kick Techno 2	1		Kick Boon	1	+
37	C# 1	Side Stick	1	Side Stick Analog	1	+	Side Stick Analog	1	+	Side Stick Dry	1	+
38	D 1	Snare	1	Snare Techno	1	+	Snare Clap	2	+	Snare Dry Mute	1	+
39 40	D# 1 E 1	Hand Clap	1	Snare Techno 2	1	ļ.	Course Done 2	1	١.	Carana Wileian	1	
41	F 1	Snare Tight Floor Tom L	1	Tom Analog 1	1	+	Snare Dry 2 Tom Analog 1	1	+	Snare White Floor Tom L Short	1	+
42	F# 1	Hi-Hat Closed	1	Hi-Hat Closed Analog	1	+	Hi-Hat Closed 3	1	+	Hi-Hat Closed 2 H	1	+
43	G 1	Floor Tom H	1	Tom Analog 2	1	+	Tom Analog 2	1	+	Floor Tom H Short	1	+
44	G# 1	Hi-Hat Pedal	1	Hi-Hat Closed Analog 2	1	-	Hi-Hat Closed Analog 2	1	+	Hi-Hat Pedal 2 H	1	+
45	A 1	Low Tom	1	Tom Analog 3	1	+	Tom Analog 3	1	+	Low Tom Short	1	+
46 47	A# 1 B 1	Hi-Hat Open Mid Tom L	1	Hi-Hat Open Analog Tom Analog 4	1	+	Hi-Hat Open 3 Tom Analog 4	1	+	Hi-Hat Open 2 L Mid Tom L Short	1	+
48	C 2	Mid Tom H	1	Tom Analog 5	1	+	Tom Analog 5	1		Mid Tom H Short	1	+
49	C# 2	Crash Cymbal 1	1	Crash Analog	1	+	Crash Analog	1	+	Crash Cymbal 1 V	1	+
50	D 2	High Tom	1	Tom Analog 6	1	+	Tom Analog 6	1	+	High Tom Short	1	+
51	D# 2	Ride Cymbal 1	1	Ride Cymbal 1 V	1	+				Ride Cymbal 1 V	1	+
52	E 2	Chinese Cymbal	1	Chinese Cymbal V	1	+				Chinese Cymbal V	1	+
53 54	F 2	Ride Cymbal Cup	1		-				┢			
55	G 2	Tambourine Splash Cymbal	1	Splash Cymbal V	1	+			+	Splash Cymbal V	1	+
56	G# 2	Cowbell	1	Cowbell Analog	1	+	Cowbell Analog	1	+	оризи супки т	Ė	Ė
57	A 2	Crash Cymbal 2	1	Crash Cymbal 2 V	1	+				Crash Cymbal 2 V	1	+
58	A# 2	Vibraslap	1									
59	B 2	Ride Cymbal 2	1	Ride Cymbal 2 V	1	+			1	Ride Cymbal 2 V	1	+
60	C 3 C# 3	Bongo H Bongo L	1	Bongo H V Bongo L V	1	+			+	Bongo H V Bongo L V	1	+
62	D 3	Conga H Mute	1	Conga Analog H	1	+	Conga Analog H	1	+	Conga H Mute V	1	+
63	D# 3	Conga H Open	1	Conga Analog M	1	+	Conga Analog M	1	+	Conga H Open V	1	+
64	E 3	Conga L	1	Conga Analog L	1	+	Conga Analog L	1	+	Conga L V	1	+
65	F 3	Timbale H	1	Timbale H V	1	+				Timbale H V	1	+
66	F# 3	Timbale L	1	Timbale L V	1	+			1	Timbale L V	1	+
67 68	G 3 G# 3	Agogo H	1	Agogo H V Agogo L V	1	+			+	Agogo H V Agogo L V	1	+
69	A 3	Agogo L Cabasa	1	Agogo L v	1	_			+	Agogo L v	1	Ť
70	A# 3	Maracas	1	Maracas 2	1	+	Maracas 2	1	+			
71	B 3	Samba Whistle H	1	Samba Whistle H V	1	+				Samba Whistle H V	1	+
72	C 4	Samba Whistle L	1	Samba Whistle L V	1	+				Samba Whistle L V	1	+
73	C# 4	Guiro Short	1						1			
74 75	D# 4	Guiro Long Claves	1	Claves 2	1	F	Claves 2	1	+			
76	D# 4 E 4	Wood Block H	1	Ciaves 2	1	+	Ciaves 2	1	+			
77	F 4	Wood Block L	1						H			
78	F# 4	Cuica Mute	1	Scratch H 2	1	+	Scratch H 2	1	+	Cuica Mute V	1	+
79	G 4	Cuica Open	1	Scratch L 3	1		Scratch L 3	1	+	Cuica Open V	1	+
80	G# 4	Triangle Mute	1									
81	A 4	Triangle Open	1									
82 83	A# 4 B 4	Shaker Jingle Bells	1						H			
83	C 5	Jingle Bells Bell Tree	1						H			
85	C# 5								H			
86	D 5								f			
87	D# 5											
88	E 5											
89	F 5								П			

- Same as PGM#1 (Standard Kit)
   No Sound
  E Standard Number of Elements
  O Option
  Blank : XG Standard, XGLite Standard
  + : XG Option, XGLite Option
   : XG Standard, XGLite Option

Bank Select	MSB		127			127			127			127			127	,	
Bank Select l	LSB		0			0			0			0			0		_
PGM# (1-12	8)		1		_	30			31	-		32			33		
Note#	Note		Standard Kit	Е	О	Jungle Kit	Е	O +	Apogee Kit	Е	O +	Perigee Kit	Е	O +	Jazz Kit	Е	0
13	C#	-1	Surdo Mute	1		Surdo Mute V	1	+	Surdo Mute V	1	+	Surdo Mute V	1	+		E	-
14	D		Surdo Open	1		Surdo Open V	1	+	Surdo Open V	1	+	Surdo Open V	1	+			Ħ
15	D#	-1	Hi Q	1													
16	E	-1	Whip Slap	1										1			
17	F F#	-1 -1	Scratch H	1										+			+
18 19	G G	-1	Scratch L Finger Snap	1										+			+
20	G#	-1	Click Noise	1							H			H			H
21	A	-1	Metronome Click	1							T						T
22	A#	-1	Metronome Bell	1													
23	В	-1	Seq Click L	1										1			
24 25	C C#	0	Seq Click H Brush Tap	1		Brush Tap V	1	+	Brush Tap V	1	+	Brush Tap V	1	+			-
26	D D		Brush Swirl	1		Brush Swirl V	1	+	Brush Swirl V	1	+	Brush Swirl V	1	+			+
27	D#	0	Brush Slap	1		Brush Slap V	1	+	Brush Slap V	1	+	Brush Slap V	1	+			T
28	Е	0	Brush Tap Swirl	1		Brush Tap Swirl V	1	+	Reverse Cymbal	1	+	Reverse Cymbal	- 1	+			
29	F	0	Snare Roll	1		Snare Roll V	1	+									
30	F#	0	Castanet Spars Soft	1		Dim Gata 2	1	F	Hi Q 2	1	+	Hi Q 2	1	+			H
31	G G#	0	Snare Soft Sticks	1	-	Rim Gate 2	1	+	Snare Analog 4	1	+	Snare Analog 4 H	1	+			H
33	A	0	Kick Soft	1		Kick Cough	1	+	Kick Techno 3	1	+	Kick Techno 3	1	+			Ħ
34	A#	0	Open Rim Shot	1	L	Rim Gate 3	1	+	Open Rim Shot L	1	+	Open Rim Shot L	1	+			
35	В	0	Kick Tight	1		Kick Zap	1	+	Kick Techno 4	1	+	Kick Techno 4 H	1	+			
36	C	1	Kick	1		Kick Dawn	1	+	Kick Techno Tight 2	1	+	Kick Techno Tight 2 H	1	+	Kick Jazz	1	L
37 38	C#	1	Side Stick	1	-	Side Stick Dry	1	+	Side Stick Analog 2	1	+	Side Stick Analog 2 H	1	+			H
38	D#	1	Snare Hand Clap	1	-	Snare Tin	1	+	Snare Analog 5 Clap Ambience	1	+	Snare Analog 5 H Clap Ambience H	1	+			H
40	E	1	Snare Tight	1	H	Snare Can	1	+	Snare Analog 6	1	+	Snare Analog 6 H	1	+			f
41	F	1	Floor Tom L	1	L	Floor Tom L Short	1	+	Tom Techno 1	1	+	Tom Techno 1 H	1	+	Tom Jazz 1	1	Γ
42	F#	1	Hi-Hat Closed	1		Hi-Hat Closed 2 Soft	1	+	Hi-Hat Closed Analog 3	1	+	Hi-Hat Closed Analog 3 H	1	+			
43	G	1	Floor Tom H	1		Floor Tom H Short	1	+	Tom Techno 2	1	+	Tom Techno 2 H	1	+	Tom Jazz 2	1	
44	G#	1	Hi-Hat Pedal Low Tom	1		Hi-Hat Pedal 2 Soft Low Tom Short	1	+	Hi-Hat Closed Analog 4 Tom Techno 3	1	+	Hi-Hat Closed Analog 4 H Tom Techno 3 H	1	+	Tom Jazz 3	1	╇
46	A#	1	Hi-Hat Open	1		Hi-Hat Open 2 Soft	1	+	Hi-Hat Open Analog 2	1	+	Hi-Hat Open Analog 2 H	1	+	TOIII Jazz 5	1	-
47	B	1	Mid Tom L	1		Mid Tom L Short	1	+	Tom Techno 4	1	+	Tom Techno 4 H	1	+	Tom Jazz 4	1	_
48	С	2	Mid Tom H	1		Mid Tom H Short	1	+	Tom Techno 5	1	+	Tom Techno 5 H	1	+	Tom Jazz 5	1	T
49	C#		Crash Cymbal 1	1		Crash Cymbal 1 V	1	+	Crash Analog	1	+	Crash Analog H	1	+			
50	D	2	High Tom	1		High Tom Short	1	+	Tom Techno 6	1	+	Tom Techno 6 H	1	+	Tom Jazz 6	1	
51 52	D# E	2	Ride Cymbal 1	1		Ride Cymbal 1 V	1	+	Ride Cymbal Analog 1	1	+	Ride Cymbal Analog 1 H	1	+			4
53	F		Chinese Cymbal Ride Cymbal Cup	1		Chinese Cymbal V	1	+	Ride Cymbal Cup Q	1	+	Chinese Cymbal H Ride Cymbal Cup H	1	+			+
54	F#	2	Tambourine	1					Ride Cymbai Cup Q	1	Ť	Tambourine H	1	+			Ħ
55	G	2	Splash Cymbal	1		Splash Cymbal V	1	+	Splash Cymbal V	1	+	Splash Cymbal H	1	+			T
56	G#	2	Cowbell	1					Cowbell Analog L	1	+	Cowbell Analog H	1	+			
57	A	2	Crash Cymbal 2	1		Crash Cymbal 2 V	1	+	Crash Cymbal 2 V	1	+	Crash Cymbal 2 H	1	+			ш
58 59	A# B	2	Vibraslap Ride Cymbal 2	1		Ride Cymbal 2 V	1	+	Ride Cymbal Analog 2	1	+	Ride Cymbal Analog 2 H	1	+			+
60	С	3	Bongo H	1		Bongo H V	1	+	Bongo H V	1	+	Bongo H V	1	+			+
61	C#	3	Bongo L	1		Bongo L V	1	+	Bongo L V	1	+	Bongo L V	1	+			т
62	D	3	Conga H Mute	1	L	Conga H Mute V	1	+	Conga Analog H Long	1	+	Conga Analog H Long H	1	+			
63	D#	3	Conga H Open	1		Conga H Open V	1	+	Conga Analog M Long	1	+	Conga Analog M Long H	1	+			
64	E F	3	Conga L	1		Conga L V	1	+	Conga Analog L	1	+	Conga Analog L Long H	1	+			
65	F#	3	Timbale H Timbale L	1		Timbale H V Timbale L V	1	+	Timbale H V Timbale L V	1	+	Timbale H V Timbale L V	1	+			H
67	G G	3	Agogo H	1		Agogo H V	1	+	Agogo H V	1	+	Agogo H V	1	+			
68	G#	3	Agogo L	1		Agogo L V	1	+	Agogo L V	1	+	Agogo L V	1	+			
69	A	3	Cabasa	1													
70	A#	3	Maracas	1	_				Maracas 2	1	+	Maracas 2	1	+			
71	В	3	Samba Whistle H	1	-	Samba Whistle H V	1	+	Samba Whistle H V	1	+	Samba Whistle H V	1	+			H
72	C C#	4	Samba Whistle L Guiro Short	1	-	Samba Whistle L V	1	+	Samba Whistle L V	1	+	Samba Whistle L V	1	+			H
74	D D	4	Guiro Snort Guiro Long	1	-						۳			f			f
75	D#	4	Claves	1					Claves 2	1	+	Claves 2	1	+			f
76	Е	4	Wood Block H	1													
77	F	4	Wood Block L	1				Į						ľ			ø
78 79	F#	4	Cuica Mute	1	-	Cuica Mute V	1	+	Scratch H 2	1	+	Scratch H 2	1	+			H
79 80	G G#	4	Cuica Open Triangle Mute	1	-	Cuica Open V	1	+	Scratch L 3	1	+	Scratch L 3	1	+			F
81	A	4	Triangle Open	1													
82	A#	4	Shaker	1													П
83	В	4	Jingle Bells	1													
84	C	5	Bell Tree	1	L												
85 86	C#	5															
86	D#	5												H			H
88	E	5															F
89	F	5															
90	F#	5															F
91	G	5															

- Same as PGM#1 (Standard Kit)
   No Sound
  E Standard Number of Elements
  O Option
  Blank : XG Standard, XGLite Standard
  + : XG Option, XGLite Option
   : XG Standard XGLite Option

		I, XGLite Option														
Bank Select	MSB	127		127			127			127			127			
Bank Select	LSB	0		0			0			0			0			
PGM# (1-12	8)	1	- 1,	34		10	41		_	42		_	49			
Note#	Note	Standard Kit	E	Jazz Kit 2	E	O +	Brush Kit	Е	О	Brush Kit 2	Е	O +	Symphony Kit	E O		
13	C# -1		1	Surdo Mute V	1	+										
14	D -1	Surdo Open	1	Surdo Open V	1	+										
15 16	D# -1 E -1	Hi Q Whip Slap	1													
17	F -1	1 1	1			+					H			++-		
18	F# -1		1			t					t					
19	G -1	Finger Snap	1													
20	G# -1		1													
21	A -1		1			1										
23	A# -1 B -1	Metronome Bell Seq Click L	1			+					H					
24	C 0	Seq Click H	1			+					H					
25	C# 0	Brush Tap	1	Brush Tap V	1	+										
26	D 0		1	Brush Swirl V	1	+										
27 28	D# 0	Brush Slap	1	Brush Slap V	1	+				D 1 7 0 114		Ļ				
28	E 0	Brush Tap Swirl Snare Roll	1	Brush Tap Swirl V Snare Roll V	1	+				Brush Tap Swirl L Snare Roll V	1	+				
30	F# 0	Castanet	1	Share Roll V	1	+				Castanet H	1	+				
31	G 0	Snare Soft	1			t	Brush Slap 2	1		Snare Dry Hard	1	+	Brush Slap 2	1 +		
32	G# 0	Sticks	1													
33	A 0		1							Kick Release	1	_	Kick Soft 2	1		
34	A# 0	Open Rim Shot	1							Open Rim Shot Dry L	1		0 0			
35	B 0 C 1	Kick Tight Kick	1	Kick Jazz L	1	+	Kick Small	1		Kick Cloudy H Kick Cloudy L	1	+	Gran Cassa Gran Cassa Mute	1		
37	C# 1	Side Stick	1	KICK JAZZ L	1	_	Kick Siliali	1		Side Stick B 2	1		Gran Cassa Witte	1		
38	D 1	Snare	1	Snare H	1	+	Brush Slap 3	1		Brush Slap 3 Q	1	_	Band Snare	1		
39	D# 1	Hand Clap	1													
40	E 1	Snare Tight	1	Snare Tight L	1	+	Brush Tap 2	1		Brush Snare Loud	1		Band Snare 2	1		
41	F 1	Floor Tom L	1	Tom Jazz 7	1	+	Tom Brush 1	1		Tom Brush 7	1	_	Tom Jazz 1	1		
42	F# 1 G 1	Hi-Hat Closed Floor Tom H	1	Hi-Hat Closed L Tom Jazz 8	1	+	Tom Brush 2	1		Hi-Hat Closed 4 Tom Brush 8	1		Tom Jazz 2	1		
44	G# 1	Hi-Hat Pedal	1	Hi-Hat Pedal L	1	+	Tom Brush 2	1		Hi-Hat Pedal 4	1	+	TOILI JAZZ Z	1		
45	A 1	Low Tom	1	Tom Jazz 9	1	+	Tom Brush 3	1	Т	Tom Brush 9	1	+	Tom Jazz 3	1		
46	A# 1		1	Hi-Hat Open L	1	+				Hi-Hat Open 4	1					
47	B 1	Mid Tom L	1	Tom Jazz 10	1	+	Tom Brush 4	1		Tom Brush 10	1		Tom Jazz 4	1		
48	C 2	Mid Tom H	1	Tom Jazz 11	1	+	Tom Brush 5	1		Tom Brush 11	1		Tom Jazz 5	1		
50	C# 2 D 2		1	Tom Jazz 12	1	_	Tom Brush 6	1		Crash Cymbal 4 Tom Brush 12	1		Hand Cymbal Tom Jazz 6	1		
51	D# 2		1	Ride Cymbal 1 V	1	+	Tolli Brusii o	1		Ride Cymbal 1 H	1	_	Hand Cymbal Short	1		
52	E 2	Chinese Cymbal	1	Chinese Cymbal V	1	+					Ė	Ė				
53	F 2	Ride Cymbal Cup	1	Ride Cymbal Cup L	1	+				Ride Cymbal Cup 6	1	+				
54	F# 2		1													
55 56	G 2 G# 2	Splash Cymbal	1	Splash Cymbal V	1	+				Splash Cymbal V	1	+				
57	A 2	Cowbell Crash Cymbal 2	1	Crash Cymbal 2 V	1	+				Cowbell 2	1	+	Hand Cymbal 2	1		
58	A# 2		1	Crash Cymbal 2 V	1	Ė					H		Hand Cymoai 2	Ė		
59	B 2	Ride Cymbal 2	1	Ride Cymbal 2 V	1	+				Ride Cymbal 6	1	+	Hand Cymbal 2 Short	1		
60	C 3	Bongo H	1	Bongo H V	1	+										
61	C# 3		1	Bongo L V	1	+										
62	D 3 D# 3		1	Conga H Mute V	1	+				Conga H Mute V	1					
64	E 3	Conga H Open Conga L	1	Conga H Open V Conga L V	1	+				Conga H Open V Conga L 2	1	+				
65	F 3		1	Timbale H V	1	+					Ĺ	Ė				
66	F# 3	Timbale L	1	Timbale L V	1	+					ľ					
67	G 3	Agogo H	1	Agogo H V	1	+					ſ					
68	G# 3	Agogo L	1	Agogo L V	1	+					L					
69 70	A 3 A# 3	Cabasa Maracas	1			H				Maracas Q	1					
71	B 3	Samba Whistle H	1	Samba Whistle H V	1	+				iviai acas Q	1					
72	C 4	Samba Whistle L	1	Samba Whistle L V	1	+					t					
73	C# 4	Guiro Short	1													
74	D 4		1													
75	D# 4		1			1					L					
76 77	E 4	Wood Block H Wood Block L	1			F					ı					
78	F# 4	Cuica Mute	1	Cuica Mute V	1	+					f					
79	G 4	Cuica Open	1	Cuica Open V	1	+				Cuica Open H	1	+				
80	G# 4	Triangle Mute	1			L					L					
81	A 4	Triangle Open	1													
82	A# 4 B 4	Shaker	1													
83 84	B 4 C 5	Jingle Bells Bell Tree	1			H					H					
85	C# 5	Dell Titt				H					f					
86	D 5					f					ĺ					
87	D# 5										ſ					
88	E 5										ĺ					
89 90	F 5										H					

- Same as PGM#1 (Standard Kit)
   No Sound
  E Standard Number of Elements
  O Option
  Blank : XG Standard, XGLite Standard
  + : XG Option, XGLite Option
   : XG Standard, XGLite Option

n 1 ° 1	1 CD			100			144			100			
Bank Select I Bank Select I		127		127			127		127 0				
PGM# (1-12		1		57			58			65			
**	lev .	Standard Kit	C	Natural Kit		О	Natural Funk Kit	-	0	Tramp Kit		0	
Note#	Note C# -		E 1		Е	+		Е	+		Е	+	
14	D -		1		Ħ			t			П		
15	D# -		1										
16 17	E -	1 1	1		$\blacksquare$			$\vdash$			H		
18	F# -		1					t					
19	G -	Finger Snap	1										
20 21	G# -		1		$\perp$			₽			H		
22	A -		1		H			+			H		
23	В -		1		П			t					
24	C (		1										
25 26	C# (		1	Brush Tap Natural Brush Swirl Natural L	1		Brush Tap Natural Brush Swirl Natural L	1		Brush Tap V Brush Swirl V	1		
27	D# (		1	Brush Slap Natural	1		Brush Slap Natural	1		Brush Slap V	1		
28	E (	Brush Tap Swirl	1	Brush Swirl Natural H	1	+	Brush Swirl Natural H	1	+	Reverse Cymbal	1	+	
29 30	F (		1	Snare Roll Natural	1	+	Snare Roll Natural	1	+	Snare Roll V	1		
31	F# (		1	Snare Natural L	1	+	Snare Natural Funk L	1	+	Hi Q 2 Snare Techno 3 Q	1		
32		Sticks	1		Ė	Ė	- Tunk D	Ė	Ė	Sticks Q	1		
33	Α (	Kick Soft	1	Kick Soft Natural	1	+	Kick Soft Natural	1	+	Kick Techno Q 2	1	+	
34	A# (		1	Open Rim Natural	1		Open Rim Natural	1	+	Rim Gate Lo-Fi	1		
35 36	B C		1	Kick Light Natural Kick Std Natural	1		Kick Std Natural Funk Kick Natural Funk	1	+	Kick Techno L Q Kick Techno 2 Gate	1		
37	C#	Side Stick	1	Side Stick Natural	1		Side Stick Natural	1	+	Side Stick Analog Q	1	+	
38	D		1	Snare Natural M	1	+	Snare Natural Funk M	1	+	Snare Clap	2		
39 40	D# E		1	Snare Natural H	1		Snare Natural Funk H	1		Hand Clap Dark Snare Dry 2 Gate	1	+	
41	F		1	Floor Tom Natural L	1	+	Floor Tom Natural L	1	+	Tom Analog 7	1	+	
42	F#		1	Hi-Hat Closed Natural	1	+	Hi-Hat Closed Natural	1	+	Hi-Hat Closed 3 Dark	1	+	
43	G		1	Floor Tom Natural H	1	+	Floor Tom Natural H	1	+	Tom Analog 8	1	+	
44 45	G#		1	Hi-Hat Pedal Natural Low Tom Natural	1	+	Hi-Hat Pedal Natural Low Tom Natural	1	+	Hi-Hat Closed Analog 2 L Tom Analog 9	1	+	
46	A#		1	Hi-Hat Open Natural	1	+	Hi-Hat Open Natural	1	+	Hi-Hat Open 3 Dark	1	+	
47	В	Mid Tom L	1	Mid Tom Natural L	1	+	Mid Tom Natural L	1	+	Tom Analog 10	1	+	
48	C :		1	Mid Tom Natural H Crash Cymbal Natural 1	1	+	Mid Tom Natural H	1	+	Tom Analog 11	1	+	
49 50	C# 2		1	High Tom Natural	1	+	Crash Cymbal Natural 1 High Tom Natural	1	+	Crash Analog Dark Tom Analog 12	1	+	
51	D# :		1	Ride Cymbal Natural 1	1	+	Ride Cymbal Natural 1	1	+	Ride Cymbal 1 Dark	1	+	
52	E :		1	Chinese Cymbal Natural	1	+	Chinese Cymbal Natural	1	+	Chinese Cymbal L	1	+	
53 54	F :		1	Ride Cymbal Cup Natural	1	+	Ride Cymbal Cup Natural	1	+	Ride Cymbal Cup Dark	1	+	
55	G :		1	Splash Cymbal Natural	1	+	Splash Cymbal Natural	1	+	Tambourine Dark Splash Cymbal L Q	1		
56	G# :	Cowbell	1	1						Cowbell Analog Q	1		
57		Crash Cymbal 2	1	Crash Cymbal Natural 2	1	+	Crash Cymbal Natural 2	1	+	Crash Cymbal 2 Q	1	+	
58 59	A# :	! Vibraslap ! Ride Cymbal 2	1	Ride Cymbal Natural 2	1	_	Ride Cymbal Natural 2	1	+	Ride Cymbal 2 D	1	+	
60	C :		1	Ride Cymbai Ivaturai 2	Ĺ	Ť	Ride Cymbai i vaturai 2	ŕ	Ť	Bongo H V	1		
61	C# 3	Bongo L	1							Bongo L V	1	+	
62	D :		1					1		Conga Analog H Long	1		
63 64	D# :		1		H			H		Conga Analog M Long Conga Analog L Long	1	+	
65	F :		1		۱			f		Timbale H V	1	+	
66	F# :	Timbale L	1					Γ		Timbale L V	1	+	
67 68	G :		1					H		Agogo H V Agogo L V	1	+	
69	G# 3		1					H		Agogo L Y	Ė	+	
70	A# 3	Maracas	1							Maracas 2	1	+	
71		Samba Whistle H	1							Samba Whistle H V	1	+	
72 73	C 4		1		$\blacksquare$			$\vdash$		Samba Whistle L V	1	+	
74	D 4		1					Ħ			۲		
75	D# 4	Claves	1										
76	E 4		1										
77 78	F 4		1					H		Scratch H 2	1	+	
79	G 4	Cuica Open	1					П		Scratch L 3	1		
80	G# 4	Triangle Mute	1					Г			P		
81		Triangle Open	1					H			H		
82 83	A# 4	Shaker Jingle Bells	1					H			H		
84	C :		1		۱			f			۲		
85	C# :												
86 87													
88		:						H					
89	F :												
90	F# :							ľ			П		
91	G :												

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   No Sound
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  O Option
  Blank : XG Standard, XGLite Standard
  + : XG Option, XGLite Option
   : XG Standard XGLite Option

Bank Select			127			127			127			127			127	_	_
Bank Select			0			0			0			0			0		
PGM# (1-12	(8)		1		0	66		О	67		0	81		0	82	_	0
Note#	Note		Standard Kit	Е	U	Amber Kit	Е		Coffin Kit	Е	+	Live! Standard Kit	Е	+	Live! Funk Kit	Е	+
13	С# -	-1	Surdo Mute	1		Surdo Mute V	1	+	Surdo Mute V	1	+						
14		-1	Surdo Open	1		Surdo Open V	1	+	Surdo Open V	1	+						
15			Hi Q	1				L									1
16		-1	Whip Slap	1			+	╄		$\bot$			+	-			1
17		-1	Scratch H	1			+	╄		+	-		+	-		-	-
18 19		·1	Scratch L Finger Snap	1			╁	₩		+	-		+	-		H	+
20			Click Noise	1			٠	╁		+			+			$\vdash$	۰
21			Metronome Click	1			۲	H		+			+			H	H
22		-1	Metronome Bell	1			۰	t		+			+			H	1
23		-1	Seq Click L	1			T	t		T			T				т
24		0	Seq Click H	1													Т
25	C#	0	Brush Tap	1		Brush Tap V	1	+		1	+	Brush Tap	2	+		2	
26	D	0	Brush Swirl	1		Brush Swirl V	1	+		1		Brush Swirl L	2			2	
27		0	Brush Slap	1		Brush Slap V	1	_		1		Brush Slap	2		Brush Slap	2	
28		0	Brush Tap Swirl	1		Brush Tap Swirl L	1	-		1		Brush Swirl H	2		Brush Swirl H	2	
29		0	Snare Roll	1		Snare Roll V	1	+	Snare Roll V	1	+	Snare Roll	2	+	Snare Roll	2	+
30		0	Castanet	1		O D' CL - 2 C O	١,	ļ.	n: C · I	١,		C Y	1		C F 11		4
31		0	Snare Soft	1	H	Open Rim Shot 3 Soft	1	_		1		Snare L	2	+	Snare Funk L	2	+
32		0	Sticks Kick Soft	1	H	Sticks Q KickDrySoft3	1			1		Kick Soft	2		Kick Soft	2	f
33		0	Open Rim Shot	1	⊢	Open Rim Shot Dry	1			1			2			2	
35		0	Kick Tight	1	H	Kick Comp 1 L	1			1			2		Kick Std	2	
36		1	Kick Tight	1	H	Kick Comp 1 H	1		Kick Comp 2 H	1			2		Kick Stu Kick Funk	2	
37		1	Side Stick	1	H	Side Stick Dry L	1			1			2			2	
38		1	Snare	1	H	Snare Dry Mute L	1			1		Snare M	2			2	
39		1	Hand Clap	1		Hand Clap Dark	1			1			Ė	ŀ			F
40	E	1	Snare Tight	1		Hip Snare Long	1			1		Snare H	2	+	Snare Funk H	2	+
41	F	1	Floor Tom L	1		Floor Tom Tech L	1	+	Floor Tom Tech L	1	+	Floor Tom L	2	+	Floor Tom L	2	+
42	F#	1	Hi-Hat Closed	1		Hi-Hat Closed Tech	1	+		1	+	Hi-Hat Closed	2	+	Hi-Hat Closed	2	+
43		1	Floor Tom H	1		Floor Tom Tech H	1			1		Floor Tom H	2		Floor Tom H	2	
44		1	Hi-Hat Pedal	1		Hi-Hat Pedal Tech	1		Hi-Hat Pedal Tech	1		Hi-Hat Pedal			Hi-Hat Pedal	2	
45		1	Low Tom	1		Low Tom Tech	1			1		Low Tom	2			2	
46		1	Hi-Hat Open	1		Hi-Hat Open 3 Dark	1	_		1		Hi-Hat Open	2		Hi-Hat Open	2	
47		1	Mid Tom L	1		Mid Tom Tech L	1			1				+	Mid Tom L	2	
48		2	Mid Tom H	1		Mid Tom Tech H	1			1		Mid Tom H	2		Mid Tom H	2	
49		2	Crash Cymbal 1	1		Crash Cymbal Dark	1			1			2			2	
50		2	High Tom	1		High Tom Tech	1			1		0	2			2	
51		2	Ride Cymbal 1	1		Ride Cymbal 1 Dark	1			1		Ride Cymbal 1	2		Ride Cymbal 1	2	
52 53		2	Chinese Cymbal	1		Chinese Cymbal H2 Ride Cymbal Cup Dark	1		Chinese Cymbal Q Ride Cymbal Cup 5	1		Chinese Cymbal Ride Cymbal Cup	2		Chinese Cymbal Ride Cymbal Cup	2	
54		2	Ride Cymbal Cup Tambourine	1		Tambourine Dark	1			1	-	Kide Cyllidai Cup	- 4	-	Kide Cymbai Cup	ŕ	Ť
55		2	Splash Cymbal	1		Splash Cymbal L Q	1			1	+	Splash Cymbal	2	+	Splash Cymbal	2	+
56		2	Cowbell	1		Cowbell Lo-Fi	1			1		Spiasii Cymbai	Ť	Ė	Spiasii Cymbai	Ť	Ė
57		2	Crash Cymbal 2	1		Crash Cymbal 2 Q	1	_		1		Crash Cymbal 2	2	+	Crash Cymbal 2	2	+
58		2	Vibraslap	1			Ť	Ė		Ť	Ė		Ť	Ė		Ė	Ė
59		2	Ride Cymbal 2	1		Ride Cymbal 2 V	1	+	Ride Cymbal 5	1	+	Ride Cymbal 2	2	+	Ride Cymbal 2	2	+
60		3	Bongo H	1		Bongo H V	1			1		·			·		
61		3	Bongo L	1		Bongo L V	1			1							Т
62		3	Conga H Mute	1		Conga H Mute V	1	+	Conga H Mute V	1	+		Ι				Г
63		3	Conga H Open	1	L	Conga H Open V	1		Conga H Open V	1							ľ
64		3	Conga L	1		Conga L 2	1			1							L
65			Timbale H	1		Timbale H V	1			1			F	H		μ	F
66			Timbale L	1		Timbale L V	1			1	+			H		H	F
67 68		3	Agogo H Agogo L	1	H	Agogo H V Agogo L V	1	_		1			F	F		H	F
69		3	Agogo L Cabasa	1	⊢	Agugu L V	1	+	Agugu L V	1	+			H		F	۲
70		3	Maracas	1		Maracas Q	1	+	Maracas Q	1	+		H	F		F	f
70		3	Samba Whistle H	1		Samba Whistle H V	1			1			H	F		F	f
72		4	Samba Whistle L	1	H	Samba Whistle L V	1	_	Samba Whistle L V	1	_			F		F	f
73		4	Guiro Short	1	H		ŕ	ť		ŕ	Ė		Т	f		f	۲
74		4	Guiro Long	1	H		Ħ	Ħ		۲	П		Т	f		f	۲
75		4	Claves	1			T	Ħ									П
76	_	4	Wood Block H	1			f	Г		f	F					Г	Г
77		4	Wood Block L	1			f	Г		f	F					Г	Г
78	F#	4	Cuica Mute	1									Ι				Г
79		4	Cuica Open	1	L	Cuica Open H	1	+	Cuica Open H	1	+					ľ	I
80		4	Triangle Mute	1			Г	I		ø						ľ	I
81		4	Triangle Open	1			П	μ		μ						П	F
82		4	Shaker	1			П	μ		μ						П	F
83		4	Jingle Bells	1	L		μ	H		μ						П	П
84		5	Bell Tree	1			H	H		F						H	μ
85		5															H
86 87		5					H	H		H							H
88		5 5					H	H		H						F	f
89		5					H	H									f
90		5					۱	H									f
	1	-															4

61

66

68

73 74

79 80 81

82

84

90 F#

D 3 D# 3 E 3 F 3

G# 3

F# 3 Timbale L

Conga H Mute Conga H Open

Agogo H
Agogo L
Cabasa
Maracas
Samba Whistle H

4 Samba Whistle L

C# 4 Guiro Short

D 4 Guiro Long

D# 4 Claves

E 4 Wood Block H

F 4 Wood Block L

F# 4 Cuica Mute

A# 4 Shaker

B 4 Jingle Bells

C 5 Bell Tree

4 Cuica Open
4 Triangle Mut
4 Triangle Ope

1

1

1

Conga L Fimbale H

- Same as PGM#1 (Standard Kit)
- No Sound Standard Number of Elements
- O Ontion
  - Blank : XG Standard, XGLite Standard + : XG Option, XGLite Option : XG Standard, XGLite Option
- Bank Select MSB Bank Select LSB PGM# (1-128) О Standard Kit Live! Brush Kit Live! Standard + Percussion Kit Note Е 1 F# -1 Scratch L
  G -1 Finger Snap
  G# -1 Click Noise 18 19 A -1 Metronome Click
  A# -1 Metronome Bell B -1 Seq Click L
  C 0 Seq Click H
  C# 0 Brush Tap 1 Brush Tap
  1 Brush Swirl L
  1 Brush Slap
  1 Brush Swirl H Brush Tap Stereo Brush Swirl Stereo Brush Slap Stereo D 0 Brush Swirl
  D# 0 Brush Slap E 0 Brush Tap Swir Brush Tap Swirl Ste F 0 Snare Roll
  F# 0 Castanet
  G 0 Snare Soft 29 30 31 nare Roll Stereo rush Slap G# 0 Sticks A 0 Kick Soft 1 Kick Soft
  1 Open Rim
  1 Kick Std
  1 Kick Funk
  1 Side Stick
  1 Snare Brush M Kick Soft Stere 34 A# 0 Open Rim Shot Open Rim Shot Stereo B 0 Kick Tight
  C 1 Kick
  C# 1 Side Stick
  D 1 Snare D# 1 Hand Clap Hand Clap Stereo | Hand Clap | E | 1 | Snare Tight | F | 1 | Floor Tom L | F# | 1 | Hi-Hat Close | G | 1 | Floor Tom H | G# | 1 | Hi-Hat Pedal Snare Brush H
   Brush Floor Tom L
   Hi-Hat Closed
   Brush Floor Tom H
   Hi-Hat Pedal Hand Clap Stereo Snare H Stereo Floor Tom L Stereo Hi-Hat Closed Stere Floor Tom H Stereo Hi-Hat Pedal Stereo 40 41 42 43 A 1 Low Tom
  A# 1 Hi-Hat Open
  B 1 Mid Tom L
  C 2 Mid Tom H
  C# 2 Crash Cymbal 45 1 Brush Low Tom Low Tom Stereo Hi-Hat Open Brush Mid Tom L Brush Mid Tom H Brush Crash Cymbal Hi-Hat Open Stereo Mid Tom L Stereo Mid Tom H Stereo Crash Cymbal 1 St 1 E 50 2 High Tom 1 Brush High Tom D High Tom Stereo D# 2 Ride Cymbal 1
  E 2 Chinese Cymbal
  F 2 Ride Cymbal Cup Brush Ride Cymbal 1 Chinese Cymbal Brush Ride Cymbal Cup Ride Cymbal 1 Stereo Chinese Cymbal Stereo Ride Cymbal Cup Stere 51 52 53 F# 2 Tambourine Tambourine Stereo G 2 G# 2 Splash Cymbal Splash Cymbal Stereo Cowbell Stereo Crash Cymbal 2 Vibraslap Ride Cymbal 2 Crash Cymbal 2 Ste Ride Cymbal 2 Stereo rush Ride Cymbal 2 60 Bongo H Bongo L 1 Bongo H Stereo

Conga H Mute Stere Conga H Open Stere

Conga L Stereo Timbale H Stereo

Timbale L Stereo

Cabasa Stereo Maracas Stereo

Guiro Short Stereo Guiro Long Stereo

Cuica Mute Stereo

Cuica Open Stereo Triangle Mute Ster Triangle Open Ster

Wind Chime Stereo

- No E - Sta O - Op Bla +:	Sound andard Nun ation ank: XG St XG Option	t#1 (Standard Kit)  aber of Elements  andard, XGLite Standard, XGLite Option  rd, XGLite Option	rd										
ank Select		127		127		127							
ank Select		0		0			0						
GM# (1-12	28)	1		85 O L : - LE - L : D		О	86		1				
Note#	Note	Standard Kit	Е	Live! Funk + Percussion Ki	t E		Live! Brush + Percussion Kit	1 Kit					
13	C# -1		1										
14 15	D# -1	outus open	1					4	H				
16	E -1		1			H		-	۰				
17	F -1		1										
18	F# -1		1			L			¥				
19 20	G -1	0 1	1			H		-	+				
21	A -1		1			T			t				
22	A# -1		1						I				
23 24	B -1		1			+		-	+				
25	C# 0		1	Brush Tap Stereo	2	+	Brush Tap Stereo	2	+				
26	D 0	Brush Swirl	1	Brush Swirl Stereo	2	+	Brush Swirl Stereo	2	+				
27	D# 0		1	Brush Slap Stereo	2								
28	E 0		1	Brush Tap Swirl Stereo Snare Roll Stereo	2		Brush Tap Swirl Stereo Snare Roll Stereo						
30	F# 0		1			ŕ	Kon bicico	Ť	t				
31	G 0	Snare Soft	1	Snare L Stereo	2	+	Brush Slap 2 Stereo	2	1				
32	G# 0 A 0		1	Kick Soft Stereo	2	+	Kick Soft Stereo	-	Ŧ.				
34	A# 0		1	Open Rim Shot Stereo	2								
35	B 0	Kick Tight	1	Kick Std Stereo	2	+	Kick Std Stereo	2	. 4				
36	C 1		1	Kick Funk Stereo	2		Kick Funk Stereo						
37 38	C# 1 D 1		1	Side Stick Stereo Snare Funk M Stereo	2								
39	D# 1		1	Hand Clap Stereo	2		Hand Clap Stereo						
40	E 1	Snare Tight	1	Snare Funk H Stereo	2	+	Snare Brush H Stereo						
41	F 1		1	Floor Tom L Stereo Hi-Hat Closed Stereo	2		Brush Floor Tom L Stereo		-				
42	F# 1 G 1		1	Floor Tom H Stereo	2		Hi-Hat Closed Stereo Brush Floor Tom H Stereo						
44	G# 1		1	Hi-Hat Pedal Stereo	2		Hi-Hat Pedal Stereo						
45	A 1		1	Low Tom Stereo	2		Brush Low Tom Stereo						
46 47	A# 1 B 1		1	Hi-Hat Open Stereo Mid Tom L Stereo	2		Hi-Hat Open Stereo Brush Mid Tom L Stereo						
48	C 2		1	Mid Tom H Stereo	2		Brush Mid Tom H Stereo						
49	C# 2		1	Crash Cymbal 1 Stereo	2	+	Brush Crash Cymbal 1 Stereo		7				
50	D 2		1	High Tom Stereo	2		Brush High Tom Stereo						
51 52	D# 2 E 2		1	Ride Cymbal 1 Stereo Chinese Cymbal Stereo	2		Brush Ride Cymbal 1 Stereo Chinese Cymbal Stereo						
53	F 2	Ride Cymbal Cup	1	Ride Cymbal Cup Stereo	2	+	Brush Ride Cymbal Cup Stereo	2	+				
54	F# 2		1	Tambourine Stereo	2		Tambourine Stereo						
55 56	G 2		1	Splash Cymbal Stereo Cowbell Stereo	2		Splash Cymbal Stereo Cowbell Stereo	2					
57	A 2		1	Crash Cymbal 2 Stereo	2		Brush Crash Cymbal 2 Stereo	2					
58	A# 2	Vibraslap	1										
59	B 2		1	Ride Cymbal 2 Stereo	2		Brush Ride Cymbal 2 Stereo	2					
60	C 3		1	Bongo H Stereo Bongo L Srereo	2		Bongo H Stereo Bongo L Srereo	2					
62	D 3	Conga H Mute	1	Conga H Mute Stereo	2	+	Conga H Mute Stereo	2					
63	D# 3	Conga H Open	1	Conga H Open Stereo	2		Conga H Open Stereo	2					
64 65	E 3		1	Conga L Stereo Timbale H Stereo	2			2					
66	F# 3		1	Timbale L Stereo	2			2					
67	G 3	Agogo H	1						I				
68 69	G# 3 A 3		1	Cabasa Storno	2	H	Cabasa Stereo	2	Ŧ				
70	A 3		1	Cabasa Stereo Maracas Stereo	2		Cabasa Stereo Maracas Stereo	2					
71	В 3	Samba Whistle H	1			Ė		ď	İ				
72	C 4		1						F				
73 74	C# 4 D 4		1	Guiro Short Stereo Guiro Long Stereo	2		Guiro Short Stereo Guiro Long Stereo	2					
75	D# 4		1	Gailo Long Stateo	2	Ť	Gano Long Sicico	1	t				
76	E 4	Wood Block H	1			ľ			I				
77	F# 4		1	Cuian Muta Stare-		F	Cuica Mute Stereo		f				
78 79	G 4		1	Cuica Mute Stereo Cuica Open Stereo	2		Cuica Mute Stereo Cuica Open Stereo	2					
80	G# 4	Triangle Mute	1	Triangle Mute Stereo	2	+	Triangle Mute Stereo	2	. +				
81	A 4		1	Triangle Open Stereo	2		Triangle Open Stereo	2					
82 83	A# 4 B 4		1	Shaker Stereo	2	+	Shaker Stereo	2	-				
84	C 5		1	Wind Chime Stereo	2	+	Wind Chime Stereo	2	-				
85	C# 5								I				
86	D 5							4	f				
87 88	D# 5								f				
89	F 5								Í				
90	F# 5												

- No Sound
   E Standard Number of Elements
   O Option
   Blank: XG Standard, XGLite Standard
   :: XG Option, XGLite Option
   -: XG Standard, XGLite Option

December   Column	Doub Colors MCD		120			100			100			100	_	_
FX Kit 1	Bank Select MSB		126			126			126			126		_
Note   Note   Note   SFX Kit 1														_
Note	1 GM# (1-120)				О			0			0		_	О
13	Note#	Note	SFX Kit 1	Е	-	SFX Kit 2	Е	-	Techno Kit K/S	Е	+	Techno Kit Hi	Е	+
15														
16	14	D -1												
17	15	D# -1												
18	16	E -1												
19	17	F -1												
20	18	F# -1												
2		G -1												
22	20	G# -1												
23														
25 CF 0 26 D D O 27 DP O 28 E O Disserts 2	22	A# -1												
256	23													
2	24	C 0												
28 E 0   Insects   2   1   1   1   1   1   1   1   1   1	25	C# 0												
28														
2														
33														
31			Bacteria	2	+									
33														
33														
34														
35														
36														
38			O at N			DI C.F.			YY	ı.		vv m ** *	F.	
38					1			<u> </u>					1	+
String Slap					_								1	+
Hass Side					+			<u> </u>					1	+
41					-								1	+
Telephone Ring 2													1	+
Another Serateh   2   Future Rick   1   Another Mark   1   Another Walk   H			Pick Scrape	1	+								1	+
1				H									1	+
45				-									1	+
46				H		Turn Table	4	+					1	+
47				-									1	+
Reso Noise Burst H   49				H			Н						1	+
Signature   Sign				H			Н		Minimal Kick	1	+	Wood Door Open H	1	
Since   Conga   H   State   Conga   H   State   Conga   H   State   Conga   H   State   Conga   H   State   Conga   H   State   Conga   H   State   Conga   State   Conga   H   State   Conga   State   Cong				Н			Н						1	
S1				-									1	+
S2				Н			Н						1	
S3			Eluta Vay Click	1		Cor Engine Ignition	-		Padio Cnom	1			1	+
Sample			Fille Key Click	1									1	+
Car Crash   1   Cold Dry Snare 2   1   + Gun Shot Slap H													1	+
Sircin   2   Cold Dry Snare 3   1   1   Punch Snare H				Н									1	+
Train				Н									1	+
Second   S				Н									1	+
Starship   2   Starship   2   Ambient Cow Bell H									DO-1 1 Mictai Share	•	Ť		1	+
Burst   2   Chink Hat H				Н			_						1	+
Roller Coaster   2													1	+
Submarine   2   Coal Mine 2 H													1	+
Connectivity													1	+
Mystery   2				Н				+					1	+
Charging   3								_					1	+
Fig. 2   Fig. 3   Fig. 4   Fig. 4   Fig. 2   F								_					1	+
67   G 3   Robot 1 H   Robot 2							É	Ė					1	+
68													1	+
1			Shower	2		Laugh	1	Г	Hi Pitch Slap H	1	+		1	+
70													1	+
71 B 3 Stream 2 Heart Beat 1 Noise Burst H 72 C 4 Bubble 2 Foot Steps 1 Stream Reat 1 Foot Steps 1 Stream Reat 1 S									· ·				1	+
72												Noise Burst H	1	+
73													1	+
74 D 4 Cave 2 +								+					1	+
75					+	*							1	
76														
77														
78														
80														
S1	79	G 4												
81	80	G# 4												
82														
84     C     5     Dog     1     Machine Gun     1       85     C#     5     Horse     1     Laser Gun     2       86     D     5     Bird Tweet 2     1     Explosion     2       87     D#     5     Kity     1     +     Firework     2       88     E     5     Growl     1     +     Fireball     2     +       89     F     5     Hunted     2     +       90     F#     5     Ghost     2														
84     C     5     Dog     1     Machine Gun     1       85     C#     5     Horse     1     Laser Gun     2       86     D     5     Bird Tweet 2     1     Explosion     2       87     D#     5     Kity     1     +     Firework     2       88     E     5     Growl     1     +     Fireball     2     +       89     F     5     Hunted     2     +       90     F#     5     Ghost     2														
85     C#     5     Horse     1     Laser Gun     2       86     D     5     Bird Tweet 2     1     Explosion     2       87     D#     5     Kitry     1     + Firework     2       88     E     5     Growl     1     + Fireball     2       89     F     5     Ghost     2       90     F#     5     Ghost     2	84	C 5		1		Machine Gun								
86     D     5     Bird Tweet 2     1     Explosion     2       87     D#     5     Kitty     1     +     Firework     2       88     E     5     Growl     1     +     Fireball     2     +       89     F     5     Haunted     2     +       90     F#     5     Globst     2							2							
87 D# 5 Kity 1 1 + Firework 2 2 88 E 5 Growl 1 + Fireball 2 + 89 F 5 Haunted 2 + 90 F# 5 Ghost 2 2	86		Bird Tweet 2	1			2							
88 E 5 Growl 1 + Fireball 2 + 89 F 5 Haunted 2 + 90 F# 5 Ghost 2					+		2							
90 F# 5 Ghost 2	88	E 5			+		2	+						
	89	F 5			+									
91 G 5 Maou 2														
	91	G 5	Maou	2										

- No Sound
   E Standard Number of Elements
   O Option
   Blank: XG Standard, XGLite Standard
   :: XG Option, XGLite Option
   -: XG Standard, XGLite Option

Bank Select MSB Bank Select LSB			126 0			126 0			126 0			126 0	_	
PGM# (1-128)			19		Lo	33		10	34		_	35		
Note#	No	te	Techno Kit Lo	Е	+	Sakura Kit	Е	+	Small Latin Kit	Е	+	China Kit	Е	+
13	C#	-1												
14 15	D D#	-1 -1					H						H	H
16	E	-1					H						Ħ	
17	F	-1												
18 19	F#	-1 -1					H						H	H
20	G#	-1					H						H	⊨
21	Α	-1												
22	A#	-1					L							L
23 24	B C	-1 0					H				H		H	H
25	C#	0					T				T		П	T
26	D	0												
27 28	D#	0					H						H	H
29	E F	0					H				H		H	Н
30	F#	0												
31	G	0					L							L
32 33	G#	0											H	
33	A#	0											f	
35	В	0					ĺ				ſ			
36	C	1	Hyper Tom L 1	1	+		1		Latin Cymbal Short	1	+	Bangu	1	
37 38	C# D	1	Asian Tom L Lo-Fi Tom L	1	+	Tsuzumi Pon Tsuzumi Pu	1	+	Claves SL 1 Claves SL 2	1	+	Dagu Mute Dagu Heavy	1	
39	D#	1	Hyper Tom L 2	1	+	Tsuzumi Ta	1	+	Claves SL 3	1	+	Paigu High	1	
40	E	1	Flanged Tom L	1	+		1	+	Claves SL 4	1	+	Paigu Middle	1	+
41	F	1	Minimal Tom L	1			1		Claves SL 5	1		Paigu Low	1	+
42 43	F#	1	Vox Drum L Android Walk 1 L	1			1	+	Muted Percussion SL 1 Muted Percussion SL 2	1	+		H	Н
44	G#	1	Android Walk 2 L	1		Yagura Open	1		Muted Percussion SL 3	1	+		Ħ	H
45	Α	1	Electro Blip L	1		Ohdaiko Rim	1	_	Muted Percussion SL 4	1	+			
46	A#	1	Wood Percussions L	1	+	Oriental Tambourine	1	+	Pandiero	1	+			L
47 48	B C	2	Wood Door Open L Reso Noise Burst L	1	+	Oriental Drum 1 Oriental Drum 2	1	+	Surdo Mute SL 1 Surdo Mute SL 2	1	+		H	Н
49	C#	2	LFO Metal Attack L	1	+	Oriental Drum 3	1	+	Surdo Open SL	1	+		Ħ	
50	D	2	Steel Conga L	1	+	Oriental Rim 1	1	+	Surdo Rim SL	1	+			
51	D#	2	Rate Down Snare L	1	+	Oriental Rim 2	1	+	Tamborim Mute	1	+	Zhanasha Muta	Ļ	
52 53	E F	2	Pop Ambient L Tunnel Ambient L	1	+	Oriental Rim 3 Oriental Rim 4	1	+	Tamborim Open TimbaleL Drum	1	+	Zhongcha Mute Zhongcha Open	1	
54	F#	2	Vibraslap L	1	+	Oriental Metal Rim 1	1		TimbaleH Drum	1	+	Zhongluo Mute	1	
55	G	2	Gun Shot Slap L	1	+	Oriental Metal Rim 2	1		TimbaleL Rim	1	+	Zhongluo Open	1	
56 57	G#	2	Punch Snare L Bomb Snare L	1	+	Oriental Metal Rim 3 Oriental Metal Rim 4	1	+	TimbaleH Rim Timbale Paila 1	1	+	Xiaoluo Open Xiaocha Mute	1	
58	A#	2	Space Tambourine L	1	+	Oriental Metal Rim 5	1	+	Timbale Paila 2	1	+	Xiaocha Open	1	
59	В	2	Ambient Cow Bell L	1	+							1		
60	C	3	Chink Hat L	1	+		L							Ш
61	C# D	3	Coal Mine 1 L Coal Mine 2 L	1	+		H						H	Н
63	D#	3	Hammer Hit 1 L	1	+								f	
64	E	3	Hammer Hit 2 L	1	+								Г	
65	F E#	3	Hammer Hit 3 L	1	+									
66 67	F#	3	Insensible Hah L Robot 1 L	1	+								H	
68	G#	3	Insensible Fuh L	1	+							Bangzi	1	+
69	A	3	Robot 2 L	1	+							Muyu High	1	
70 71	A# B	3	Rude Loop Cymbal L Noise Burst L	1	+							Muyu Mid-High Muyu Mid	1	
72	С	4	Fizzer L	1	+							Muyu Mid-Low	1	
73	C#	4	Lo-Fi Shaker L	1	+							Muyu Low	1	
74	D.	4	Temple Gong L	1	+									
75 76	D# E	4											H	
77	F	4											f	
78	F#	4												
79	G G"	4												
80 81	G#	4											H	
82	A#	4											f	
83	В	4												
84	C <sub>4</sub>	5												
85 86	C# D	5											f	
87	D#	5											f	
88	E	5											Г	
89	F F#	5												
90 91	F#	5											H	
91	Ü	5												

- No Sound
   E Standard Number of Elements
   O Option
   Blank: XG Standard, XGLite Standard
   :: XG Option, XGLite Option
   -: XG Standard, XGLite Option

Bank Select MSB		126			126			126		_
Bank Select LSB		0			0			0		_
PGM# (1-128)		41			42			43		
		Live! AfroCuban Kit	Е	0	Live! AfroCuban Kit 2	Е	O	Live! Brazilian Kit	_	0
Note# N 13 C#	lote -1		Е	+		E	+		Е	+
13 C#	-1		₩			+			H	H
15 D#	-1		т		Quinto Tip Stereo	┪	+		T	П
16 E	-1				Quinto Heel Stereo		+			
17 F	-1		1		Quinto Open Stereo	_	+			
18 F# 19 G	-1 -1		₩		Quinto Mute Stereo	+	+	Surdo Hand Stereo	+	+
20 G#	-1		+	Н	Quinto Slap Open Stereo Quinto Slap Stereo	+	+	Surdo Rim Stereo Surdo Open Stereo	╁	+
21 A	-1		т		Quinto Slap Mute Stereo	1	+	Surdo Mute Stereo	t	+
22 A#	-1	Conga H Tip Stereo	2	+	Conga Mellow H Tip Stereo	T	+	Conga H Tip Stereo	T	+
23 B	-1	Conga H Heel Stereo	2	+	Conga Mellow H Heel Stereo		+	Conga H Heel Stereo		+
24 C 25 C#	0	Conga H Open Stereo	2	+	Conga Mellow H Open Stereo	_	+	Conga H Open Stereo	-	+
25 C# 26 D	0	Conga H Mute Stereo Conga H Slap Open Stereo	2	+	Conga Mellow H Mute Stereo Conga Mellow H Slap Open Stereo	+	+	Conga H Mute Stereo Conga H Slap Open Stereo	╁	+
27 D#	0	Conga H Slap Stereo	2	+	Conga Mellow H Slap Stereo	+		Conga H Slap Stereo	H	+
28 E	0	Conga H Slap Mute Stereo	2	+	Conga Mellow H Slap Mute Stereo	1	+	Conga H Slap Mute Stereo	T	+
29 F	0	Conga L Tip Stereo	2	+	Conga SubLow Tip Stereo		+	Conga L Tip Stereo		+
30 F#	0	Conga L Heel Stereo	2	+	Conga SubLow Heel Stereo	_	+	Conga L Heel Stereo		+
31 G 32 G#	0	Conga L Open Stereo Conga L Mute Stereo	2	+	Conga SubLow Open Stereo Conga SubLow Mute Stereo	4	+	Conga L Open Stereo Conga L Mute Stereo	₽	+
32 G# 33 A	0	Conga L Slap Open Stereo	2	+	Conga SubLow Mute Stereo  Conga SubLow Slap Open Stereo	+	+	Conga L Slap Open Stereo	╁	+
33 A 34 A#		Conga L Slap Stereo	2	+	Conga SubLow Slap Open Stereo  Conga SubLow Slap Stereo	+	+	Conga L Slap Stereo	t	+
35 B	0	Conga L Slide Stereo	2		Conga SubLow Slide Stereo	╛	+	Conga L Slide Stereo	İ	+
36 C	1	Bongo H Open 1 Finger Stereo	2	+		I		Bongo H Open 1 Finger Stereo	Γ	+
37 C#	1	Bongo H Open 3 Finger Stereo	2	+				Bongo H Open 3 Finger Stereo	1	+
38 D 39 D#	1	Bongo H Rim Stereo Bongo H Tip Stereo	2	+ +		۱		Bongo H Rim Stereo Bongo H Tip Stereo	╀	+
40 E	1	Bongo H Heel Stereo	2	+		+		Bongo H Heel Stereo	H	+
41 F	1	Bongo H Slap Stereo	2	+		Ħ		Bongo H Slap Stereo	t	+
42 F#	1	Bongo L Open 1 Finger Stereo	2	+				Bongo L Open 1 Finger Stereo		+
43 G	1	Bongo L Open 3 Finger Stereo	2	+				Bongo L Open 3 Finger Stereo		+
44 G#	1	Bongo L Rim Stereo	2	+		4		Bongo L Rim Stereo	₽	+
45 A 46 A#	1	Bongo L Tip Stereo Bongo L Heel Stereo	2	+		+		Bongo L Tip Stereo Bongo L Heel Stereo	╁	+
40 Air	1	Bongo L Slap Stereo	2	+		+		Bongo L Slap Stereo	+	+
48 C	2	Timbale L Open Stereo	2	+	Timbalito L Open Stereo	┪	+	Timbalito L Open Stereo	t	+
49 C#	2	Timbale L Mute Stereo		+	Timbalito L Mute Stereo		+	Timbalito L Mute Stereo		+
50 D	2	Timbale L Rim Stereo		+	Timbalito L Rim Stereo		+	Timbalito L Rim Stereo		+
51 D#	2	Timbale L Sidestick Stereo	_	+	Timbalito L Sidestick Stereo	_	+	Timbalito L Sidestick Stereo	-	+
52 E 53 F	2	Timbale L Roll Stereo Timbale L Paila Stereo	+	+	Timbalito L Roll Stereo Timbalito L Paila Stereo	+	+	Timbalito L Roll Stereo Timbalito L Paila Stereo	+	+
54 F#	2	Timbale H Open Stereo	2	+	Timbalito H Open Stereo	+	+	Timbalito H Open Stereo	+	+
55 G	2	Timbale H Mute Stereo	Ť	+	Timbalito H Mute Stereo	1	+	Timbalito H Mute Stereo	t	+
56 G#	2	Timbale H Rim Stereo		+	Timbalito H Rim Stereo		+	Timbalito H Rim Stereo		+
57 A	2	Timbale H Sidestick Stereo		+	Timbalito H Sidestick Stereo		+	Timbalito H Sidestick Stereo		+
58 A# 59 B	2	Timbale H Roll Stereo	-	+	Timbalito H Roll Stereo	4	+	Timbalito H Roll Stereo	╀	+
59 B 60 C	2	Timbale H Paila Stereo Cowbell Top Stereo	2	+	Timbalito H Paila Stereo Latin Cowbell Top Stereo	+	+	Timbalito H Paila Stereo	L	+
61 C#	3	Cowbell End Stereo	-	+	Latin Cowbell End Stereo	+	+		H	Ħ
62 D	3	Wood Block 1 H Stereo	T	+	Wood Block 2 H Stereo	1	+	Wood Block 1 H	П	+
63 D#	3	Wood Block 1 L Stereo		+	Wood Block 2 L Stereo		+	Wood Block 1 L	L	+
64 E	3	Guiro Short Stereo	2	+	Metal Guiro Short Stereo	Į	+			
65 F 66 F#	3	Guiro Long Stereo Claves 1 Stereo	2	+	Metal Guiro Long Stereo Claves 2 Stereo	4	+	Claves 1 Stame	F	F
66 F# 67 G	3	Vibraslap Small Stereo	+	+	Vibraslap Large Stereo	+	+	Claves 1 Stereo Vibraslap Small Stereo	╁	+
68 G#	3	Tambourine Stereo	2	+	- Totaliap Large Stereo	j	Í	Tamborim Mute / Open Stereo	t	+
69 A	3	Tambourine Shake Stereo	Ť	+		1		Tamborim Heel Stereo	t	+
70 A#	3					Í		Pandeiro Mute / Open Stereo	L	+
71 B	3							Pandeiro Heel Stereo	L	+
72 C	4	Maracas 1 Stereo	2	+	Maracas 2 Stereo	_	+	C1 1 C		
73 C# 74 D	4	Shaker Stereo Cabasa Stereo	2	+				Shaker Stereo Cabasa Stereo	₽	+
74 D	4	Capasa Stereo	É	_		ł		Cuica Mute Stereo	t	+
76 E	4							Cuica Open Stereo	t	+
77 F	4		ľ			j		Agogo H Open Stereo	L	+
78 F#	4		1			4		Agogo H Mute Stereo	L	+
79 G 80 G#	4		H			1		Agogo L Open Stereo	┡	+
80 G# 81 A	4		H			1		Agogo L Mute Stereo Triangle Mute Stereo	╀	+
81 A 82 A#	4		f			1		Triangle Open Stereo	t	+
83 B	4					1		Samba Whistle H Stereo	t	+
84 C	5		ľ			j		Samba Whistle L Stereo	İ	+
85 C#	5		F			1				f
86 D	5		H			1				
87 D# 88 E	5 5		H			1			H	F
89 F	5								H	F
90 F#	5					1			f	f
91 G	5								ľ	П

- No Sound
   E Standard Number of Elements
   O Option
   Blank: XG Standard, XGLite Standard
   :: XG Option, XGLite Option
   -: XG Standard, XGLite Option

Bank Select MSB		126		
Bank Select LSB PGM# (1-128)		0 44		
1 GM# (1-120)				О
Note#	Note	Live! PopLatin Kit	E	+
13 14	C# -1 D -1		+	H
15	D# -1	Log Drum H Stereo	-	+
16	E -1	Log Drum L Stereo		+
17	F -1	Caxixi Stereo		+
18	F# -1	Hand Clap 1 Stereo	2	+
19	G -1	Hand Clap 2 Stereo	_	+
20	G# -1 A -1	Finger Snap Stereo Castanet Stereo	+	+
22	A# -1	Conga H Tip Stereo	2	+
23	B -1	Conga H Heel Stereo	2	+
24	C 0	Conga H Open Stereo	2	+
25	C# 0	Conga H Mute Stereo	2	+
26 27	D 0 D# 0	Conga H Slap Open Stereo	2	+
28	D# 0 E 0	Conga H Slap Stereo Conga H Slap Mute Stereo	2	+
29	F 0	Conga L Tip Stereo	2	+
30	F# 0	Conga L Heel Stereo	2	+
31	G 0	Conga L Open Stereo	2	+
32	G# 0	Conga L Mute Stereo	2	+
33 34	A 0 A# 0	Conga L Slap Open Stereo Conga L Slap Stereo	2	+
35	A# 0 B 0	Conga L Slap Stereo Conga L Slide Stereo	2	+
36	C 1	Bongo H Open 1 finger Stereo	2	+
37	C# 1	Bongo H Open 3 finger Stereo	2	+
38	D 1	Bongo H Rim Stereo	2	+
39	D# 1	Bongo H Tip Stereo	2	+
40 41	E 1	Bongo H Heel Stereo	2	+
42	F 1 F# 1	Bongo H Slap Stereo Bongo L Open 1 finger Stereo	2	+
43	G 1	Bongo L Open 3 finger Stereo	2	+
44	G# 1	Bongo L Rim Stereo	2	+
45	A 1	Bongo L Tip Stereo	2	+
46	A# 1	Bongo L Heel Stereo	2	+
47 48	B 1 C 2	Bongo L Slap Stereo Timbale L Open Stereo	2	+
49	C# 2	Timbale L Mute Stereo		+
50	D 2	Timbale L Rim Stereo		+
51	D# 2	Timbale L Sidestick Stereo		+
52	E 2	Timbale L Roll Stereo		+
53 54	F 2 F# 2	Timbale L Paila Stereo	-	+
55	G 2	Timbale H Open Stereo Timbale H Mute Stereo	2	+
56	G# 2	Timbale H Rim Stereo	+	+
57	A 2	Timbale H Sidestick Stereo		+
58	A# 2	Timbale H Roll Stereo		+
59	B 2	Timbale H Paila Stereo	4.	+
60	C 3 C# 3	Cowbell Top Stereo	2	+
61	C# 3 D 3	Cowbell End Stereo Wood Block 1 H Stereo	+	+
63	D# 3	Wood Block 1 L Stereo	+	+
64	E 3	Guiro Short Stereo	2	+
65	F 3	Guiro Long Stereo	2	+
66	F# 3	Claves 1 Stereo	_	+
67 68	G 3 G# 3	Vibraslap Small Stereo Tambourine Stereo	2	+
69	A 3	Tambourine Stereo Tambourine Shake Stereo	+-	+
70	A# 3	Splash Cymbal Stereo	+	+
71	B 3	Finger Cymbal Stereo		+
72	C 4	Maracas 1 Stereo	2	+
73	C# 4 D 4	Shaker Stereo	2	+
74 75	D 4 D# 4	Cabasa Stereo Cuica Mute Stereo	2	+
76	E 4	Cuica Open Stereo	2	+
77	F 4	Agogo H Open Stereo	Ť	+
78	F# 4	Agogo H Mute Stereo		+
79	G 4	Agogo L Open Stereo	4	+
80	G# 4 A 4	Agogo L Mute Stereo	2	+
81 82	A 4 A# 4	Triangle Mute Stereo Triangle Open Stereo	2	+
83	B 4	Jingle Bell Stereo	+-	+
84	C 5	Wind Chime Stereo	2	+
85	C# 5			
86	D 5		T	
87 88	D# 5 E 5			
88	F 5			
90	F# 5			f

### **Rhythm Voice Map** (GM LEVEL-2 VOICES)

- Same as PGM#1(GM Standard Kit)
- No Sound
E - Standard Number of Element
O - Option
Blank : XG Standard, XGLite Standard
+ : XG Option, XGLite Option
- : XG Standard, XGLite Option

Bank Select			120			120			120			120			120		
Bank Select l PGM# (1-12)			0			9			0 17			0 25			0 26		
	_		GM Standard Kit		О	GM Room Kit		0	GM Power Kit	_	О	GM Electro Kit	_	О	GM Analog Kit		О
Note#	Note C#	-1	GW Standard 1Cit	Е	+	GW ROOM RR	Е	+	GW 1 OWEI TER	Е	+	GM Electro Kit	Е	+	GW Finding Kit	Е	+
14		-1									H						
15		-1															
16 17	E F	-1 -1						_		H	H		H				_
18	F#	-1						=			H						
19	G	-1															
20	G#	-1						_		L	L		H				_
21	A A#	-1 -1						-		$\vdash$	H		H				-
23	В	-1									T						
24	С	0															
25 26	C# D	0						_		H	H		H				_
27	D#	0	Hi Q	1	+			-									
28	E	0	Whip Slap	1	+												
29 30	F F#	0	Scratch Push Scratch Pull	1	+						L						
31	G G	0	Sticks	1	+												_
32	G#	0	Click Noise	1	+												
33	A	0	Metronome Click	1	+						L						
34 35	A# B	0	Metronome Bell Kick Tight	1	+						H		H				
36	С	1	Kick	1	+				Kick Power	1	+	Kick Electro	1	+	Kick Analog	1	+
37	C#	1	Side Stick	1	+										Side Stick Analog	1	+
38	D#	1	Snare Hand Clan	1	+				Snare Power	1	+	Snare Electro	1	+	Snare Analog	1	+
39 40	D# E	1	Hand Clap Snare Tight	1	+							Snare Electro 2	1	+			
41	F	1	Floor Tom L	1	+	Tom Room 1	1	+	Tom Rock 1	1	+	Tom Electro 1	1	+	Tom Analog 1	1	+
42	F#	1	Hi-Hat Closed	1	+							m vi			Hi-Hat Closed Analog	1	+
43	G G#	1	Floor Tom H Hi-Hat Pedal	1	+	Tom Room 2	1	+	Tom Rock 2	1	+	Tom Electro 2	1	+	Tom Analog 2 Hi-Hat Closed Analog 2	1	+
45	A	1	Low Tom	1	+	Tom Room 3	1	+	Tom Rock 3	1	+	Tom Electro 3	1	+	Tom Analog 3	1	+
46	A#	1	Hi-Hat Open	1	+										Hi-Hat Open Analog	1	+
47	В	1	Mid Tom L	1	+	Tom Room 4	1	+	Tom Rock 4	1	+	Tom Electro 4	1	+	Tom Analog 4	1	+
48	C C#	2	Mid Tom H Crash Cymbal 1	1	+	Tom Room 5	1	+	Tom Rock 5	1	+	Tom Electro 5	1	+	Tom Analog 5 Crash Analog	1	+
50	D	2	High Tom	1	+	Tom Room 6	1	+	Tom Rock 6	1	+	Tom Electro 6	1	+	Tom Analog 6	1	+
51	D#	2	Ride Cymbal 1	1	+							D 0 11	Ι.				
52 53	E F	2	Chinese Cymbal Ride Cymbal Cup	1	+			_			H	Revers Cymbal	1	+			
54	F#	2	Tambourine	1	+												
55	G	2	Splash Cymbal	1	+												
56 57	G#	2	Cowbell Crash Cymbal 2	1	+								-		Cowbell Analog	1	+
58	A#	2	Vibraslap	1	+												
59	В	2	Ride Cymbal 2	1	+												
60	C#	3	Bongo H	1	+						L						
61	C# D	3	Bongo L Conga H Mute	1	+										Conga Analog H	1	+
63	D#	3	Conga H Open	1	+										Conga Analog M	1	+
64	E	3	Conga L	1	+										Conga Analog L	1	+
65	F F#	3	TimbaleH TimbaleL	1	+						H						
67	G	3	Agogo H	1	+						П						
68	G#	3	Agogo L	1	+												
69 70	A A#	3	Cabasa Maracas	1	+						H		H		Maracas 2	1	+
71	B B	3	Samba Whistle Short	1	+						f		f				7
72	C	4	Samba Whistle Long	1	+												
73	C#	4	Guiro Short	1	+												
74 75	D D#	4	Guiro Long Claves	1	+					Ħ	F		Ħ		Claves 2	1	+
76	E	4	Wood Block H	1	+												
77	F F#	4	Wood Block L	1	+												
78 79	F#	4	Cuica Mute Cuica Open	1	+					F	H		H				
0.0	G#	•	Triangle Mute	1	+						Ħ		П				
80			Triangle Open	1	+												
81	Α																
81 82	A A#	4	Shaker lingle Bells	1	+												
81	Α	4	Shaker Jingle Bells Bell Tree	1 1 1	+												
81 82 83 84 85	A A# B C C#	4 4 5	Jingle Bells Bell Tree Castanet	1 1 1	++++												
81 82 83 84 85 86	A A# B C C# D	4 5 5 5	Jingle Bells Bell Tree Castanet Surdo Mute	1 1 1	+ + + +												
81 82 83 84 85 86 87	A A# B C C# D D#	4 4 5 5 5 5	Jingle Bells Bell Tree Castanet	1 1 1	+ + + +												
81 82 83 84 85 86 87 88	A A# B C C# D D# E F	4 5 5 5 5 5 5	Jingle Bells Bell Tree Castanet Surdo Mute	1 1 1	+ + + +												
81 82 83 84 85 86 87 88	A A# B C C# D D#	4 4 5 5 5 5 5	Jingle Bells Bell Tree Castanet Surdo Mute	1 1 1	+ + + +												

# Rhythm Voice Map (GM LEVEL-2 VOICES)

- Same as PGM#1(GM Standard Kit)
- No Sound
E - Standard Number of Element
O - Option
Blank : XG Standard, XGLite Standard
+ : XG Option, XGLite Option
- : XG Standard, XGLite Option

Bank Select	MSB		120			120			120			120			120	_	_
Bank Select I			0			0			0			0			0		
PGM# (1-12	(8)		1		О	33		0	41		О	49		0	57		О
Note#	Note		GM Standard Kit	Е	+	GM Jazz Kit	Е	+	GM Brush Kit	Е	+	GM Orchestra Kit	Е		GM SFX Kit	Е	
13	C#	-1															
14	D	-1															
15	D#	-1								_			L	L		1	
16	E	-1		L	-			-		₽	-		₽	H		4	
17 18	F F#	-1 -1		H	┢			┢		⊢	┢		₽	H		#	
19	G G	-1		H	┢			┢		⊢	┢		₽	H		#	
20	G#	-1					H	┢		┢	┢		H	Н		۰	
21	A	-1								H			t	Н		۰	
22	A#	-1						t		t	t		t	Н		т	
23	В	-1								T			T	П		Т	
24	C	0											П	Г			
25	C#	0															
26	D	0														4	
27	D#	0	Hi Q	1	+					-		Hi-Hat Close Orchestra	1	+		4	
28 29	E F	0	Whip Slap Scratch Push	1	+					₩		Hi-Hat Pedal Orchestra	1	+		#	
30	F#	0	Scratch Pull	1	+					+		Hi-Hat Open Orchestra Ride Cymbal 1 Orchestra	1	+		۰	
31	G G	0	Sticks	1	+							reac Cymon i Officsid	Ė	Ť			
32	G#	0	Click Noise	1	+		ı	ı			ı		H	Ħ			
33	A	0	Metronome Click	1	+								Ħ	ı			
34	A#	0	Metronome Bell	1	+								Ħ	П			f
35	В	0	Kick Tight	1	+	Kick Tight Jazz	1	+	Kick Tight Jazz	1			1	+			
36	C	1	Kick	1	+	Kick Jazz	1			1		Gran Cassa Orchestra	1				
37	C#	1	Side Stick	1	+						Γ		ľ	ľ			
38	D	1	Snare	1	+				Brush Tap GM	1			1		*** 0		
39	D#	1	Hand Clap	1	+				Brush Slsp GM	1		Castanet 2	1		Hi Q Whip Slap	1	
40	E F	1	Snare Tight Floor Tom L	1	+				Brush Swirl GM	1	+	Band Snare Timpani F	1			1	
42	F#	1	Hi-Hat Closed	1	+					+		Timpani F#	1	+		1	
43	G	1	Floor Tom H	1	+					$\vdash$		Timpani G	1	+	Sticks	1	
44	G#	1	Hi-Hat Pedal	1	+					t		Timpani G#	1	+	Click Noise	1	
45	A	1	Low Tom	1	+					t		Timpani A	1	+	Metronome Click	1	
46	A#	1	Hi-Hat Open	1	+					t		Timpani A#	1	+		1	
47	В	1	Mid Tom L	1	+							Timpani B	1	+		2	
48	C	2	Mid Tom H	1	+							Timpani C	1	+		1	
49	C#	2	Crash Cymbal 1	1	+							Timpani C#	1			1	
50	D	2	High Tom	1	+					1		Timpani D	1		String Slap	1	
51	D#	2	Ride Cymbal 1	1	+					-		Timpani D#	1		Flute Key Click	1	
52 53	E F	2	Chinese Cymbal	1	+					-		Timpani E Timpani F	1		Laugh Scream	1	
54	F#	2	Ride Cymbal Cup Tambourine	1	+					+		Tilipani I	1	7	Punch	1	
55	G	2	Splash Cymbal	1	+					$\vdash$			H	H	Heart Beat	1	
56	G#	2	Cowbell	1	+								H		Foot Steps 1	1	
57	A	2	Crash Cymbal 2	1	+							Concert Cymbal 2	1	+		1	
58	A#	2	Vibraslap	1	+										Applause	1	
59	В	2	Ride Cymbal 2	1	+							Concert Cymbal 1	1	+		1	+
60	C	3	Bongo H	1	+										Door Slam	1	
61	C#	3	Bongo L	1	+										Scratch Cut	1	
62	D."	3	Conga H Mute	1	+								H		Wind Chime	1	
63	D#	3	Conga H Open	1	+								H	H	Ignition	1	
64 65	E F	3	Conga L TimbaleH	1	+								H	H	Squeal Exhaust	1	
66	F#	3	TimbaleL	1	+					H			H	H	Crash	1	
67	G G	3	Agogo H	1	+								H		Siren	2	
68	G#	3	Agogo L	1	+		F			П			Ħ	f	Train	1	
69	A	3	Cabasa	1	+								Ħ	ı	Jet Plane	2	
70	A#	3	Maracas	1	+								f		Helicopter	1	+
71	В	3	Samba Whistle Short	1	+								Г		Starship	2	
72	C	4	Samba Whistle Long	1	+								L		Gunshot	1	
73	C#	4	Guiro Short	1	+								L		Machine Gun	1	
74	D.	4	Guiro Long	1	+								П		Laser Gun	2	
75	D#	4	Claves	1	+								H		Explosion	2	
76	E	4	Wood Block H	1	+								H		Dog	1	
77 78	F F#	4	Wood Block L Cuica Mute	1	+					H			H	H	Horse Bird Tweet	2	
79	G G	4	Cuica Mute Cuica Open	1	+			H			H		H	H	Shower	1	
80	G#	4	Triangle Mute	1	+								H	F	Thunder	1	
81	A	4	Triangle Open	1	+		F			П			Ħ	f	Wind	1	
82	A#	4	Shaker	1				П			П		f	f	Seashore	2	
83	В	4	Jingle Bells	1	+								Г	П	Stream	2	+
84	С	5	Bell Tree	1	+								Г		Bubble	2	
85	C#		Castanet	1	+												
86	D		Surdo Mute	1	+			ľ			ľ		Į	ľ			
87	D#	5	Surdo Open	1	+												
88	E	5										Applause	1	+		4	
89 90	F F#	5											H				
90	G G	5											H				
71	U	)															

### Drum Setup Defaults (Standard Rhythm Voices)

- Same as Standard Kit - No Sound

### Standard Kit

Sta	ndard Kit																								
																FG	FG						HPF		
Note	Instrument	Pitch Coarse	Pitch Fine	Level	Alternate Group	Pan Re		Chorus Send	Variation Send	Key . Assian		Rcv Note On	LPF Coff Frea.		G Attack Rate	Decay1	Decay2	EQ Bass Gain	EQ Treble Gain	EQ Bass Freq	EQ Treble Freq.	Output Select	Cutoff	Vel. Sens. Pch.	Vel. Sens. LPF Cutoff
		Coarse			Gloup	36	iiu S	Jenu	Sena	Assign		OII	rieq.	ľ	vate	Rate	Rate	Gaiii	Gaiii	rieq	rieq.	Select	Freq.	rui.	LF1 Cuton
C#-1	Surdo Mute	64			3	51	95	95	127	0	0	1	64	64	64	64		64		12			0 64		64
	Surdo Open	64			3	51	95	95	127	0	0	1	64	64	64			64		12			0 64		64
	Hi Q	64			0	51 51	127	127 127	127	0	0	1	64 64	64	64			64		12			0 64		64
F-1	Whip Slap Scratch H	64			4	51	63	63	127		0	1	64	64	64			64		12			0 64		64 64
	Scratch L	64			4	52	63	63	127		0	1	64	64	64					12			0 64		64
	Finger Snap	64	64				75	0	127		0	1	64	64	64	64							0 64		
G#-1	Click Noise	64			0		127	127			0	- 1	64	64	64								0 64		
A -1	Metronome Click	64			0	64	63	63	127		0	- 1	64	64	64		64	64		12	54		0 64		64 64
	Metronome Bell Seq Click L	64 64			0	64 64	63 127	63 127	127 127		0	1	64 64	64 64	64 64					12			0 64		64
	Seq Click H	64			0	64	127	127	127		0	1	64	64	64					12			0 64		
	Brush Tap	64				64	127	127	127		0	1	64	64	64			64					-		64
D 0	Brush Swirl	64				64	127	127	127		1	1	64	64	64			64					0 64		64
	Brush Slap	64					127	127	127		0	1	64	64	64								0 64		
	Brush Tap Swirl Snare Roll	64 64					127	127 127	127			1	64 64	64	64			64					0 64		64
	Castanet	64				64	63	63	127	0	1	1	64	64	64					12			0 64		64 64
G 0	Snare Soft	64					127	127	127	0	0	1	64	64	64			64		12			0 64		
G#0	Sticks	64	64		0	64	127	127	127	0	0	1	64	64	64	64	64	64		12	54		0 64	64	64
	Kick Sof	64			0	64	32	32	127		0	1	64	64	64			64		12			0 64		64
	Open Rim Shot	64			0	64	127	127	127		0	1	64	64	64			64					0 64		66
B 0	Kick Tight Kick	64			0	64 64	32 32	32 32	127	0	0	1	64 64	64	64			64		12			0 64		64 64
	Side Stick	64					127	127	127		0	1	64	64	64								0 64		
D 1		64			0	64	127	127	127		0	1	64	64	64			64					0 64		64
D#1	Hand Clap	64	64	110	0	64	127	127	127	0	0	1	64	64	64	64	64	64	64	12	54		0 64	64	64
E 1	Snare Tight	64					127	127	127		0	1	64	64	64								0 64		
	Floor Tom L Hi-Hat Closed	64 64			0	24 77	127 32	127 32	127		0	1	64	64 64	64 64								0 64		64 64
G 1	Floor Tom H	64			0	39	127	127	127	0	0	1	64 64	64	64			64		12			0 64		64
G#1	Hi-Hat Pedal	64			1	77	32	32	127	0	0	1	64	64	64			64		12			0 64		64
	Low Tom	64	64			52	127	127	127		0	1	64	64	64	64		64	64	12	54		0 64	64	
Bb1	Hi-Hat Open	64				77	32	32	127		0	1	64	64	64								0 64		64
B 1		64				64	127	127	127		0	1	64	64	64			64					0 64		
C 2	Mid Tom H Crash Cymbal 1	64 64				83 69	127	127 127	127	0	0	1	64 64	64	64			64		12	54 54		0 64		64 64
	High Tom	64					127	127	127		0	1	64	64	64					12			0 64		
	Ride Cymbal 1	64					127	127	127		0	1	64		64								0 64		
E 2	Chinese Cymbal	64	64	120	0	34	127	127	127	0	0	1	64	64	64					12	54		0 64		64
F 2	Ride Cymbal Cup	64			0	46	127	127	127		0	1	64	64	64			64		12			0 64		64
	Tambourine	64 64					63	63	127		0	1	64	64 64	64 64					12			0 64		
	Splash Cymbal Cowbell	64			0	77	127 63	127 63	127		0	1	64 64	64	64			64		12			0 64		
	Crash Cymbal 2	64			0	51	127	127	127		0	1	64	64	64			64		12			0 64		64 64
Bb2	Vibraslap	64	64	106			127	127	127	0	0	- 1	64	64	64	64	64			12			0 64	64	64
B 2	Ride Cymbal 2	64					127	127	127		0	1	64	64	64								0 64		
	Bongo H	64			0		95	95	127		0	1	64	64	64								0 64		
	Bongo L Conga H Mute	64			0	110	95 127	95 127	127		0	1	64 64	64 64	64 64			64		12		1	0 64		64 64
D#3	Conga H Open	64			0	25	127	127	127		0	1	64	64	64					12			0 64		
E 3	Conga L	64			0	64	95	95	127	0	0	1	64	64	64		64	64		12			0 64		64
	Timbale H	64			0	64	127	127	127		0	- 1	64	64	64			64					0 64		64
F#3	Timbale L	64				64 34	127	127 100	127 127		0	1	64 64	64 64	64					12			0 64		64
G#3	Agogo H Agogo L	64					100	100	127		0	1	64	64	64					12			0 64		
A 3	Cabasa	64					63	63	127	0	0	1	64	64	64			64		12			0 64		
Bb3	Maracas	64	64	103	0	21	63	63	127	0	0	1	64	64	64	64	64	64		12			0 64	64	64
В3	Samba Whistle H	64	64	103			127	127	127		1	1	64		64		64	64		12			0 64		64
	Samba Whistle L Guiro Short	64				101	127	127	127		1 0	1	64	64	64								0 64		64
	Guiro Short Guiro Long	64			0	95 110	63 63	63 63	127 127		0	1	64 64	64 64	64 64			64					0 64		
	Claves	64				64	95	95	127		0	1	64	64	64					12			0 64		64
E 4	Wood Block H	64				104	95	95	127		0	1	64	64	64					12			0 64		64
F 4	Wood Block L	64		96	0	104	95	95	127		0	1	64	64	64			64					0 64		
F#4		64			0		127	127	127		0	1	64	64	64								0 64		
G 4	Cuica Open	64			0	34 25	127 95	127 95	127 127		0	1	64 64	64	64			64		12		-	0 64		64 64
A 4	Triangle Mute Triangle Open	64				25	127	127	127		0	1	64	64	64					12		-	0 64		64
	Shaker	64			0		63	63	127		0	1	64	64	64								0 64		64
B 4	Jingle Bell	64			0	105	127	127	127	0	0	1	64	64	64	64	64	64		12			0 64		64 64
C 5	Bell Tree	64			0	64	127	127	127		0	1	64	64	64			64		12			0 64		64
C#5		64				64	127	127	127		0	1	64	64	64			64		12			0 64		
D 5 D#5		64			0	64 64	127	127	127		0	1	64 64	64	64			64		12		1	0 64		
E 5		64			0	64	127	127	127		0	1	64	64	64			64		12			0 64		64 64
F 5		64	64	127			127	127	127	0	0	1	64	64	64		64			12			0 64	64	64
F#5		64			0		127	127	127		0	1	64	64	64								0 64		
G 5		64	64	127	0	64	127	127	127		0	1 1	64	64	64	64	64	64	64	12	54	1	0 66	64	64

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Star	dard Kit 2																							
Note	Instrument	Pitch Coarse	Pitch Fine	Level Alternate Group	Pan	Reverb Send	Chorus Send	Variation Send	Key Assign	Rcv Note Off	Rcv Note On	LPF Coff Freq.	LPF Reso.	EG Attack Rate	EG Decay1 Rate	EG Decay2 Rate	EQ Bass Gain	EQ Trebl Gain	e EQ Bass Freq	EQ Treble	Output Select	HPF Cutoff Freq.	Vel. Sens. Pch.	Vel. Sens. LPF Cutoff
				100			0.5	400																
C#-1 D -1		64		102 121	3 51 3 51	95 95	95 95			0 0	1 1	64 64	64 64	64		64 64 64 64				5-		64		64
D#-1		64	1 64		0 51	127	127	127		0 0	1	64	64			64 64	6			5		) 64	64	64
E -1		64	4 64	127	0 51	127	127	127		0 0		64	64		6	64 64		4 6	4 12	5			64	64
F -1 F#-1		64			4 52	63				0 0		64	64			64 64 64 64			4 12	5		64		
G -1		64			4 52 0 64	63 75		127		0 0	1	64 64	64 64			64 64 64 64	6-			5-				
G#-1		64	1 64	127	0 64	127	127	127	7	0 0	1	64	64			64	6	4 6	4 12	5	4 (	) 64	64	64
A -1		64	1 64		0 64	63	63			0 0		64	64			64	6-	4 6	4 12		4 (		64	64
Bb-1 B -1		64 64			0 64	63 127		127		0 0	1	64 64	64 64			64 64 64 64				5-				
C 0		64	1 64	96	0 64	127				0 0	1	64	64	64		64 64	6	4 6	4 12				64	64
C#0		64	4 64	49	0 64	127	127	127	7	0 0	1	64	64	64	6	64 64	6	4 6	4 12	5		64	64	64
D 0		64	1 64	47	0 64	127	127	127		0 1		64	64			64 64	6	4 6			4 (	64	64	
D#0 F 0		64	1 64 1 64		0 64	127 127				0 0		64 64	64 64			64 64 64 64	6-		4 12 4 12			64	64	
	Snare Roll 2	64			0 64	127				0 1	1	64	64			64 64			4 12					
F#0		64	4 64		0 64	63	63	127		0 0	- 1	64	64			64	6					64	64	
G 0 G#0	Snare Soft 2	64	1 64 1 64	75 127	0 64	127 127		127		0 0	1	64 64	64 64		6	64 64 64 64	6-	4 6 4 6		5-			64	
A 0		64			0 64	32				0 0		64	64			64 64								
	Open Rim Shot H Short	64	4 64	127	0 64	127	127	(	)	0 0		64	64	64	6	64 64	6	4 6	4 12	5	4 (	64	64	66
B 0	Kick Tight Short	64	1 64	102	0 64	32		(	)	0 0	- 1	64	64			64	6			5	4 (	64	64	
C 1 C#1	Kick Short	64			0 64	32		407		0 0		64	64 64			64 64								
C#1	Snare Short	64	1 64 1 64	93 127	0 64	127 127	127 127	127		0 0		64 64	64		1 6	64 64 64 64	6-	4 6 4 6			4 (		64	64 64
D#1		64	1 64	110	0 64	127	127	127	7	0 0	- 1	64	64	64	6	64	6	4 6	4 12	5	4 (	) 64	64	64
E 1	Snare Tight H	64			0 64	127				0 0	1	64	64			64 64			4 12					
F 1 F#1		64	4 64 4 64	111 91	0 24	127				0 0	1	64	64			64 64 64 64	6		4 12 4 12			64		
G 1		64			0 39	32 127	32 127			0 0	1	64 64	64			64 64	6			5				
G#1		64	1 64	97	1 77	32	32	127	7	0 0	- 1	64	64	64	6	64	6	4 6	4 12	5	4 (	64	64	64
A 1		64	1 64		0 52	127				0 0	1	64	64			64 64	6			5				
Bb1 B 1		64		96 87	1 77 0 64	32 127				0 0	1	64 64	64 64			64 64 64 64				5-				
C 2		64	1 64		0 83	127		127		0 0	1	64	64		1 6	64 64	6	4 6					64	
C#2		64			0 69	127	127			0 0		64	64			64 64								64
D 2		64	1 64		0 104	127				0 0		64	64			64 64	6				4 (			
D#2		64	4 64 4 64		0 34	127 127				0 0	1	64 64	64 64			64 64 64 64	6-							
F 2		64			0 46	127				0 0	1	64	64			64 64								
F#2		64			0 64	63				0 0	1	64	64			64								
G 2 G#2		64			0 64	127				0 0	1	64 64	64 64			64 64 64 64			4 12 4 12			64		
A 2		64			0 51	127				0 0	1	64	64			64 64						) 64		
Bb2		64	1 64	106	0 25	127	127	127	7	0 0	- 1	64	64	64		64	6	4 6	4 12	5	4 (	) 64	64	64
B 2		64	1 64	110	0 46	127				0 0		64	64			64 64	6	4 6		5			64	
C 3 C#3		64 64			0 110	95 95				0 0		64 64	64 64			64 64 64 64			4 12 4 12	5-				64 64
D 3		64	1 64	73	0 39	127	127	127		0 0	1	64	64				6		4 12	5		) 64		
D#3		64	1 64	89	0 25	127	127	127	7	0 0		64	64	64	6	64	6	4 6	4 12	5	4 (	64	64	64
E 3		64			0 64	95				0 0		64	64			64 64			4 12					
F 3 F#3		64			0 64	127 127				0 0	1	64 64	64 64			64 64 64 64				5-		64		
G 3		64	1 64	108	0 34	100	100	127	7	0 0	1	64	64	64	6	64	6	4 6	4 12	5	4 (	64	64	64
G#3		64	1 64	108	0 34	100	100	127	7	0 0	1	64	64	64	6	64	6	4 6	4 12	5	4 (	64	64	64
A 3 Bb3		64	4 64 4 64	90	0 28	63 63		127	, !	0 0	1	64 64	64 64			64 64 64 64	6			5-		64	64	64 64
B 3		64	1 64		0 21	127		127		0 1	1	64	64			64 64	6			5				64
C 4		64	4 64	110	0 101	127	127	127	7	0 1	1	64	64	64	1 6	64	6	4 6	4 12	5	4 (	64	64	64
C#4		64			0 95	63				0 0	1	64	64			64 64								
D 4 D#4		64	1 64 1 64	106	0 110	63 95	63 95	127		0 1	1 1	64 64	64 64			64 64 64 64	6			5-	4 (	64	64	
E 4		64	1 64	107	0 104	95				0 0	1	64	64			64 64	6		4 12 4 12	5			64	
F 4		64	4 64	96	0 104	95	95	127	7	0 0	1	64	64	64	6	64	6	4 6	4 12	5	4 (	64	64	64
F#4		64	1 64	97	0 21	127	127	127	7	0 0	1	64	64	64	6	64	6	4 6	4 12	5	4 (	64	64	64
G 4 G#4		64 64			0 34 2 25	127 95				0 0		64 64	64 64			64 64 64 64				5-				
A 4		64			2 25	127				0 0		64	64			64 64								
Bb4		64	4 64	106	0 83	63	63	127	7	0 0	- 1	64	64	64	1 6	64	6	4 6	4 12	5	4 (	64	64	64
B 4		64	1 64		0 105	127				0 0		64	64			64	6		4 12					
C 5 C#5		64	1 64 1 64	68 127	0 64	127 127				0 0		64 64	64 64			64 64 64 64			4 12 4 12					
C#5 D 5		64			0 64	127	127			0 0	1	64 64	64			64 64 64 64			4 12 4 12	5-				
D#5		64	1 64	127	0 64	127	127	127	7	0 0	1	64	64	64	6	64	6	4 6	4 12	5	4 (	64	64	64
E 5		64	1 64	127	0 64	127	127	127		0 0		64	64		6	64	6	4 6			4 (	64		64
F 5		64			0 64	127				0 0	1	64	64			64 64 64 64			4 12 4 12	5-				
F#5 G 5		64	1 64 1 64	127	0 64	127 127	127 127	127	,	0 0	1	64 64	64 64	64	6	64 64 64 64	6	4 6 4 6	4 12 4 12				64	64 64

Roo	m Kit																								
Note	Instrument	Pitch	Pitch Fine	Level	Alternate	Pan	Reverb	Chorus		ey	Rcv Note		LPF Coff	LPF Reso.	EG Attack	EG Decay1	EG Decay2	EQ Bass		EQ Bass	EQ Treble		HPF Cutoff	Vel. Sens.	Vel. Sens.
ivote	institution	Coarse	r itcii i iiie	Level	Group	ran	Send	Send	Send A	ssign	Off	On	Freq.	LFT Neso.	Rate	Rate	Rate	Gain	Gain	Freq	Freq.	Select	Freq.	Pch.	LPF Cutoff
C#-1		64		102		51		95	127	0			64	64	64						54				
D -1 D#-1		64		121		51 51		95 127		0			64 64	64 64	64						54				
E -1		64	1 64	127	0	51	127	127	127	0	0	1	64	64	64	6	4 64	64	6	1 12	54	4 (	6	4 64	64
F -1 F#-1		64		93 116		52 52			127 127	0		1	64 64	64 64	64 64						54		6		
G -1		64	1 64	127			75	0	127	0			64	64	64	6		64	6	1 12	54			4 64	
G#-1		64	1 64	127		64	127		127	0		- 1	64	64	64			64	6-		54			4 64	
A -1 Bb-1		64		94 98					127 127	0		1	64 64	64 64	64 64						54		6		
B -1		64	4 64	87	0	64	127	127	127	0	0	- 1	64	64	64	6	4 64	64	6	12	54	4 (	6	4 64	64
C 0 C#0		64	1 64 1 64	96 49		64 64	127 127	127 127	127 127	0		1	64 64	64 64	64 64			64	6	1 12 1 12	54	4 (		4 64 4 64	64
D 0		64		49		64			127	0	1	1	64	64	64						54		6		
D#0		64	1 64	52		64			127	0	0	1	64	64	64		4 64	64			54		) 6		
E 0		64		45 79		64 64	127 127	127 127	127 127	0	1	1	64 64	64 64	64 64						54				
F#0		64	1 64	127	0	64	63	63	127	0	0	- 1	64	64	64	6	4 64	64	6	1 12	54	4 (	6	4 64	64
G 0 G#0		64	1 64 1 64	75 127	0	64 64	127 127	127 127	127 127	0	0	1 4	64 64	64 64	64 64			64 64			54		6		
A 0		64		116		64	32	32	127	0	0	1	64	64	64		4 64	64			54		6		
Bb0		64	1 64	127	0	64	127	127	127	0	v	1	64	64	64	6	4 64	64	6	1 12	54	4 (	6	4 64	66
B 0 C 1	Kick Room	64		102 127		64 64	32 32		127 127	0	0	1	64 64	64 64	64 64						54		6		
C#1		64	1 64	93	0	64	127	127	127	0	0	1	64	64	64	6	4 64	64	6	1 12	54	4 (	6	4 64	64
D 1 D#1	Snare Snappy	64 64	1 64 1 64	127 110		64 64	127 127	127 127	127 127	0	0	1	64 64	64 64	64 64			64 64			54 54				
D#1 E 1	Snare Tight Snappy	64		110		64 64	127		127	0	0	1	64 64	64	64						54				
	Tom Room 1	64	4 64	123	0	24	127	127	127	0	0	1	64	64	64		4 64	64	6		54		6	4 64	64
F#1 G 1	Tom Room 2	64	1 64 1 64	91 127	1	77 39		32 127	127 127	0	0	1 1	64 64	64 64	64			64			54		6	4 64 4 64	
G#1		64	1 64	97	1	77	32	32	127	0	0	1	64	64	64	6	4 64	64	6	12	54	4 (	) 6	4 64	64
A 1	Tom Room 3	64		117		52			127	0	0	1	64	64	64						54				
Bb1 B 1	Tom Room 4	64	4 64	96 121		77 64			127 127	0	0	1	64 64	64 64	64						54				
	Tom Room 5	64	1 64	126	0	83	127	127	127	0		1	64	64	64	6	4 64	64	6	12	54	4 (	6	4 64	64
C#2 D 2	Tom Room 6	64		127 124		69 95	127 127	127 127	127 127	0	0	1 1	64 64	64	64						54		6		
D#2	Tom Room 0	64	4 64	105	0	34	127	127	127	0	0	1	64	64	64	6	4 64	64	6	1 12	54	4 (	6	4 64	65
E 2		64		120 107					127 127	0		1	64 64	64 64	64 64						54		6		
F#2		64	1 64	120					127	0			64	64							54				
G 2		64	1 64	127		64 77			127	0		1	64	64 64	64 64		4 64	64			54		) 6 ) 6	4 64 4 64	64
G#2 A 2		64		118					127 127	0		1	64 64	64	64						54		6		
Bb2		64	1 64	106	0	25	127	127	127	0	0	1	64	64	64	6	4 64	64	6	12	54	4 (	6	4 64	64
B 2		64	1 64 1 64	110 110		46 110			127 127	0		1 1	64 64	64 64	64			64			54		6	4 64 4 64	
C#3		64		87		110			127	0		1	64	64	64						54	4 (			
D 3		64		73					127	0		1	64	64	64						54	4 (			
D#3 E 3		64	1 64 1 64	89 111					127 127	0		1	64 64	64 64	64 64			64			54		6		
F 3		64	4 64	91	0	64	127	127	127	0	0	1	64	64	64	6	4 64	64	6-	1 12	54	1 (	6	4 64	64
F#3 G 3		64 64		95 108		64 34	127 100	127 100	127 127	0	0	1 1	64 64	64 64	64 64						54 54				
G#3		64	1 64	108	0	34	100	100	127	0	ő		64	64	64	6	4 64	64	6	12	54	4 (	6	4 64	64
A 3 Bb3		64		90 103			63 63		127 127	0		1	64 64	64 64	64 64						54 54				
B03		64	1 64	103	0	101	127	127	127	0		1	64	64	64	6	4 64	64	6-	1 12	54	1 (	) 6	4 64	64
C 4		64	4 64	110	0	101	127	127	127	0	1	1	64	64	64	6	4 64	64	6	12	54	4 (	6	4 64	64
C#4 D 4		64	4 64 4 64	124 106		95 110			127 127	0	0	1	64 64	64 64	64 64						54		6		
D#4		64	4 64	88	0	64	95	95	127	0	0	1	64	64	64	6	4 64	64	6	1 12	54	4 (	6	4 64	64
E 4		64		107 96		104 104	95 95	95 95	127 127	0		1 1	64 64	64 64	64 64						54		6		
F#4		64	1 64	97	0	21	127	127	127	0	0	1	64	64	64	6	4 64	64	6	12	54	4 (	6	4 64	64
G 4 G#4		64 64		107 127		34 25			127 127	0	0	1	64 64	64 64	64 64						54 54				
G#4 A 4		64		127		25 25			127	0	0	1	64 64	64	64						54		0 6		
Bb4		64	1 64	106	0	83	63	63	127	0	0	1	64	64	64	6	4 64	64	6	12	54	4 (	6	4 64	64
B 4 C 5		64 64		123 68		105 64	127 127	127 127	127 127	0	0	1 1	64 64	64 64	64 64				6-		54		6		
C#5		64	4 64	127	0	64	127	127	127	0	0	1	64	64	64	6	4 64	64	6-	1 12	54	4 (	6	4 64	64
D 5		64		127		64		127	127	0	0	1	64	64 64	64						54		6		
D#5 E 5		64 64	4 64 4 64	127 127	0	64 64	127 127	127 127	127 127	0	0	1	64 64	64	64 64			64			54		6		64
F5		64	4 64	127	0	64	127	127	127	0	0	1	64	64	64		4 64	64	6		54	4 (	6	4 64	
F#5 G 5		64	1 64 1 64	127 127		64 64		127 127	127 127	0	0	1 1	64 64	64 64	64 64			64			54		6	4 64 4 64	
U 5		L 64	• 64	127	0	64	127	127	12/	U	0	1	64	64	64	1 6	·• 64	64		• 12	54	• •	- 6	• 64	64

Roc	k Kit																						
		Pitch	D: 1 E		Alternate		Reverb CI	norus	Variation Key	Rcv Note	Rcv Note	LPF Coff		EG Attack	EG	EG	EQ Bass	EQ Treble EQ B	ass EQ	Treble	Output	HPF Cutoff	Vel. Sens. Vel. Sens.
Note	Instrument	Coarse	Pitch Fine	Level	Group	Pan		end	Send Assig		On	Freq.		Rate	Decay1 Rate	Decay2 Rate		Gain Freq	Fre	q.	Select	Cutoff Freq.	Pch. LPF Cutoff
C#-1		6						95		0 0	1			64					12	54	0		
D -1		6						95		0 0		64		64					12	54	0		
D#-1 E -1		6		63 127		51 51		127	127	0 0	1	64 64		64					12	54 54	- 0	64	64 64 64 64
F -1		6	4 64					63	127	0 0			64	64				64	12	54			64 64
F#-1		6	4 64				63	63	127	0 0			64	64	6		64	64	12	54	0	64	64 64
G -1 G#-1		6		127 127		64 64		127	127 127	0 0	1	64 64		64 64					12 12	54 54		64	64 64 64 64
A -1		6				64	63	63	127	0 0	1	64	64						12	54		64	64 64
Bb-1		6					63	63	127	0 0		64	64	64					12	54	C	64	64 64
B -1 C 0		6						127	127 127	0 0				64 64					12 12	54 54		64	64 64 64 64
C#0		6	4 64					127	127	0 0	1		64				64		12	54		64	64 64
D 0		6	4 64				127	127		0 1	1	64	64	64		4 64	64		12	54	C	64	64 64
D#0		6				64		127		0 0	1	64		64					12	54	0	64	64 64 64 64
E 0		6						127	127 127	0 1	1	64 64		64					12	54 54			64 64 64 64
F#0		6	4 64	127	0	64	63	63	127	0 0		64	64	64	6-	4 64	64	64	12	54	C	64	64 64
G 0	Snare Noisy	6	4 64		0	64	127 127	127	127	0 0	1	64	64 64	64			64		12	54 54	0	64	64 64
G#0 A 0	Kick Tight 2	6	4 64 4 64				127	127	127	0 0		64 64	64 64	64 64					12 12	54 54		64	64 64 64 64
Bb0		6						127		0 0		64		64					12	54		64	64 66
B 0	Kick 2	6	4 64	127		64	32	32	127	0 0	- 1	64	64	64		4 64	64	64	12	54	C	64	64 64
C 1 C#1	Kick Gate	6				64		127	127	0 0	1	64 64		64					12	54 54		64	64 64 64 64
D 1	Snare Rock	6						127	127	0 0	1	64	64	64					12	54		64	64 64
D#1		6	4 64	110		64	127	127	127	0 0	1	64	64	64		4 64	64	64	12	54	C	64	64 64
E 1	Snare Rock Rim Tom Rock 1	6				64 24		127	127	0 0	1	64 64		64 64					12	54 54	C	64	64 64 64 64
F 1	TOTH ROCK 1	6				77		127	127	0 0	1	64		64					12	54 54		64	64 64 64 64
G 1	Tom Rock 2	6	4 64	127	0	39	127	127	127	0 0	1	64	64	64	6	4 64	64	64	12	54	Č	64	64 64
G#1 A 1	Town Dords 2	6	4 64			77 52	32 127	32	127	0 0	1	64 64	64	64 64					12 12	54 54	C	64	64 64
A 1 Bb1	Tom Rock 3	6						127	127	0 0	1	64		64					12	54 54		64	64 64 64 64
B 1	Tom Rock 4	6	4 64	121	0	64	127	127	127	0 0	1	64	64	64	6	4 64	64	64	12	54		64	64 64
C 2	Tom Rock 5	6	4 64			83	127	127		0 0		64	64						12	54	C		64 64
C#2 D 2	Tom Rock 6	6						127	127	0 0		64 64		64					12	54 54		64	64 64 64 64
D#2		6	4 64	105	0	34	127	127	127	0 0	1	64	64	64	6-	4 64	64	64	12	54		64	64 65
E 2		6	4 64	120	0	34	127	127	127	0 0		64	64	64	6	4 64	64	64	12	54			64 64
F 2		6						127		0 0		64 64							12 12	54 54	0		64 64 64 64
G 2		6	4 64	127	0	64	127	127	127	0 0	1	64	64	64		4 64	64	64	12	54		64	64 64
G#2		6	4 64	118	0	77	63	63	127	0 0	1	64	64	64	6	4 64	64	64	12	54	- 0	64	64 64
A 2 Bb2		6	4 64 4 64					127		0 0	1	64 64	64 64	64			64		12 12	54 54	0	64	64 64 64 64
B 2		6	4 64	110	0	46	127	127	127	0 0	1	64	64	64	6-	4 64	64	64	12	54	- 0	64	64 64
C 3		6	4 64					95		0 0		64	64						12	54	C		64 64
C#3		6		87 73				127	127	0 0	1			64					12	54 54		64	64 64 64 64
D#3		6	4 64	89	0	25	127	127	127	0 0		64	64	64		4 64	64	64	12	54	- 0	64	64 64
E 3		6	4 64	111	0	64	95	95	127	0 0	- 1	64	64	64	6	4 64	64	64	12	54	C		64 64
F 3		6						127	127	0 0	1	64 64		64					12 12	54 54		64	64 64 64 64
G 3		6						100	127	0 0	1	64	64	64			64		12	54		64	64 64
G#3		6	4 64	108	0	34	100	100	127	0 0	1	64	64	64	6	4 64	64	64	12	54	C	64	64 64
A 3 Bb3		6						63	127	0 0				64					12	54 54	0	64	64 64 64 64
B 03		6				101		127	127	0 1	1			64					12	54		64	64 64
C 4		6	4 64	110	0	101	127	127	127	0 1	1	64	64	64	6	4 64	64	64	12	54	C	64	64 64
C#4 D 4		6						63	127	0 0	1	64 64	64 64	64 64					12	54 54	0	64	64 64 64 64
D#4		6						95		0 0		64		64					12	54		64	64 64
E 4		6	4 64	107	0	104	95	95	127	0 0	- 1	64	64	64	6	4 64	64	64	12	54	C	64	64 64
F 4		6	4 64	96	0	104	95	95	127	0 0	1	64	64	64		4 64	64	64	12	54	-	64	64 64
F#4 G 4		6				21		127	127	0 0	1	64 64		64 64					12 12	54 54		64	64 64 64 64
G#4		6				25		95	127	0 0	1	64		64					12	54	- 0	64	64 64
A 4		6				25	127	127		0 0	- 1	64	64	64					12	54	C	64	64 64
Bb4 B 4		6		106 123		83 105		127	127	0 0	1 1	64 64	64 64	64					12 12	54 54		64	64 64 64 64
C 5		6		68		64	127	127	127	0 0	1	64		64	6				12	54		64	64 64
C#5		6	4 64	127	0	64	127	127	127	0 0	1	64	64	64	6-	4 64	64	64	12	54	C	64	64 64
D 5		6				64		127	127	0 0	1	64		64 64					12	54	C	64	64 64 64 64
D#5 E 5		6		127 127				127	127 127	0 0	1	64 64		64					12 12	54 54		64	64 64 64 64
F5		6	4 64	127	0	64	127	127	127	0 0	1	64	64	64	6	4 64	64	64	12	54		64	64 64
F#5		6		127		64	127	127	127	0 0	1	64	64	64		4 64	64	64	12	54	- 0	64	64 64
G 5		6	4 64	127	0	64	127	127	127	0 0	1	64	64	64	6	4 64	64	64	12	54		64	64 64

Elec	etro Kit																						
		Pitch		Alternate	R	teverb (	Chorus	Variation Key	Rcv No	e Rcv Note	LPF Coff		EG Attack	EG	EG	EQ Bass	EQ Treble	FO Bass	EQ Treble	Output	HPF	Vel. Sens.	Vel. Sens.
Note	Instrument	Coarse	Pitch Fine	Level Group	Pan S		Send	Send Assig		On	Freq.	LPF Reso.	Rate	Decay1 Rate		Gain	Gain	Freq	Freq.	Select	Cutoff Freq.	Pch.	LPF Cutoff
C#-1		64	1 64	102	3 51	95	95	127	0	0 1	64	64	64		64 64	64	6-	1 12	2 5	4 (	0 6	4 64	64
D -1		64	1 64	121	3 51 0 51	95 127	95	127	0	0 1	64 64	64	64		64 64 64 64		6	4 12			0 6	4 64 4 64	
D#-1 E -1		64		63 127	0 51	127	127 127	127 127	0	0 1	64	64 64			64 64 64 64				5 5				
F -1 F#-1		64	1 64 1 64	93	4 52 4 52	63 63	63 63	127 127	0	0 1	64 64	64 64	64		64 64 64 64	64			2 5 2 5		0 6	4 64 4 64	64 64
G -1		64		127	0 64	75	0	127	0	0 1	64	64			64 64								
G#-1 A -1		64		127 94	0 64	127	127	127 127	0	0 1	64	64 64			64 64 64 64				2 5 2 5				
A -1 Bb-1		64	1 64 1 64		0 64	63 63	63 63	127	0	0 1	64 64	64	64		64 64 64 64	64 64	6					4 64	
B -1 C 0		64			0 64	127 127	127 127	127 127	0	0 1	64 64	64 64			64 64 64 64								
C#0		64	1 64	49	0 64	127	127	127	0	0 1	64	64	64		64 64	64	6-	4 12	5	4 (	6	4 64	64
D 0 D#0		64	4 64	47 52	0 64	127 127	127 127	127 127	0	1 1	64 64	64 64			64 64 64 64				5 5		0 6		
E 0	Reverse Cymbal	64	1 64	100	0 64	127	127	127	0	1 1	64	64	64		64 64	64	6	1 12	5	4 (	0 6	4 64	64
F 0 F#0	Hi Q 2	64	1 64 1 64	79 127	0 64	127 63	127 63	127 127	0	1 1	64 64	64 64			64 64 64 64				2 5 2 5				
G 0	Snare Snappy Electro	64	1 64	114	0 64	127	127	127	0	0 1	64	64	64		64 64	64	6	4 12	5	4 (	6	4 64	64
G#0	Kirk 3	64	1 64	127	0 64	127 32	127 32	127	0	0 1	64 64	64 64			64 64 64 64	64			5	4 (		4 64 4 64	64
Bb0	NUA 3	64			0 64	127	127	127	0	0 1	64	64			64 64								66
B 0 C 1	Kick Gate	64	4 64	127	0 64	32	32 32	127 127	0	0 1	64	64 64			64 64	64			5 5				
C 1 C#1	Kick Gate Heavy	64	4 64 4 64	93	0 64	32 127	127	127	0	0 1	64 64	64	64		64 64 64 64	64 64							64
D 1 D#1	Snare Noisy 2	64			0 64	127 127	127 127	127 127	0	0 1	64	64 64			64 64 64 64								64
E 1	Snare Noisy 3	64		102	0 64	127	127	127	0	0 1	64 64	64			64 64 64 64				2 5				
F 1	Tom Electro 1	64	4 64	92	0 24	127	127	127	0	0 1	64	64	64	_	64 64	64	6	4 12	5	4 (	6	4 64	64
F#1 G 1	Tom Electro 2	64	1 64 1 64	91 94	1 77	32 127	32 127	127 127	0	0 1	64 64	64 64			64 64 64 64	64 64			5 5		0 6		
G#1		64	4 64	97	1 77	32	32	127	0	0 1	64	64			64 64	64			2 5				64
A 1 Bb1	Tom Electro 3	64			0 52 1 77	127 32	127 32	127 127	0	0 1	64 64	64 64			64 64 64 64								
B 1	Tom Electro 4	64 64	1 64	93	0 64 0 83	127	127 127	127	0	0 1	64 64	64	64	_	64 64	64	6	4 12	5	4 (	6	4 64	
C 2 C#2	Tom Electro 5	64		102	0 83	127 127	127	127 127	0	0 1	64 64	64 64			64 64 64 64						0 6		
	Tom Electro 6	64	4 64	97	101	127	127	127	0	0 1	64	64	64		64 64	64	6		2 5	4 (	0 6	4 64	
D#2 E 2		64			0 34	127 127	127 127	127 127	0	0 1	64 64	64	64		64 64 64 64	64 64			5 2 5				65
F2		64	1 64		0 46	127	127		0	0 1	64	64			64 64	64	6	4 12			0 6	4 64	64
F#2 G 2		64 64		120 127	0 64	63 127	63 127	127 127	0	0 1	64 64	64 64			64 64 64 64				2 5 2 5				
G#2		64	4 64	118	0 77	63	63	127	0	0 1	64	64	64		64 64	64	6	4 12	5	4 (	6	4 64	64
A 2 Bb2		64	1 64 1 64	127 106	0 51	127 127	127 127	127 127	0	0 1	64 64	64 64			64 64 64 64	64 64			5 5		0 6		
B 2		64	4 64	110	0 46	127	127	127	0	0 1	64	64			64 64	64			2 5				64
C 3 C#3		64			0 110	95 95	95 95	127 127	0	0 1	64 64	64 64			64 64 64 64						6 6		
D 3		64	1 64	73	0 39 0 25	127	127	127	0	0 1	64	64	64	_	64 64 64 64	64		4 12	2 5	4 (	6	4 64	
D#3 E 3		64 64		89 111	0 64	127 95	127 95	127 127	0	0 1	64 64	64 64	64		64 64		6		2 5		6 6		
F3		64	1 64	91	0 64	127	127	127	0	0 1	64	64			64 64	64						4 64	
F#3 G 3		64	1 64 1 64	95 108	0 64	127 100	127 100	127 127	0	0 1	64 64	64 64			64 64 64 64	64 64	6-		5 5			4 64 4 64	64 64
G#3 A 3		64	1 64	108	0 34 0 28	100	100		0	0 1	64 64	64 64			64 64 64 64	64	6			4 (	6		64
A 3 Bb3		64	1 64		0 28	63 63	63	127	0	0 1	64	64			64 64	64			2 5		6	4 64	
B 3		64	4 64	103	101	127	127	127	0	1 1	64	64	64		64 64	64	6	4 12	2 5	4 (	) 6	4 64	64
C 4 C#4		64	1 64 1 64	110 124	0 101	127 63	127 63	127 127	0	0 1	64 64	64 64			64 64 64 64	64 64			5 5		0 6		
D 4		64	1 64	106	0 110	63	63	127	0	1 1	64	64	64		64 64	64	6	4 12	2 5	4 (	0 6	4 64	64
D#4 E 4		64			0 64	95 95	95 95	127 127	0	0 1	64 64	64 64			64 64 64 64	64					6 6		
F 4 F#4	Scratch H 2	64 64	1 64	96 89	104	95	95	127	0	0 1	64	64 64	64		64 64 64 64	64 64		4 12	5	4 (	6	4 64	64
F#4 G 4	Scratch H 2 Scratch L 2	64		89 -	4 21	127 127	127 127	127 127	0	0 1	64 64	64	64		64 64 64 64	64	6		2 5		0 6		64
G#4		64	1 64	127	2 25	95	95	127	0	0 1	64	64			64 64	64			5	4 (	6	4 64	
A 4 Bb4		64			2 25	127 63	127 63	127 127	0	0 1	64 64	64 64			64 64 64 64				5 5				
B 4		64	1 64	123	105	127	127	127	0	0 1	64	64	64		64 64	64	6			4 (	6	4 64	64
C 5 C#5		64 64		68 127	0 64	127 127	127 127	127 127	0	0 1	64 64	64 64			64 64 64 64								
D 5		64	4 64	127	0 64	127	127	127	0	0 1	64	64	64		64 64	64	6	4 12	2 5	4 (	) 6	4 64	64
D#5 E 5		64	1 64 1 64	127 127	0 64	127 127	127 127	127 127	0	0 1	64 64	64 64			64 64 64 64				5 5		0 6		64
F 5		64	1 64	127	0 64	127	127	127	0	0 1	64	64	64		64 64	64	6	4 12	2 5	4 (	0 6	4 64	64
F#5 G 5		64			0 64	127 127	127 127	127 127	0	0 1	64 64	64 64			64 64 64 64								
3 3		D4	• 04	141	- 04	127	127	121	9	ν.	04	04	D4	<u>'</u>	U-1 04	54		-1 14	1 3	1 (	1 0	- 54	54

Ana	log Kit																					
Note	Instrument	Pitch Coarse	Pitch Fine	Level	Alternate Group	Pan	Reverb Chorus Send Send	Var Ser	iation Key nd Assign	Rcv Note Off	Rcv Note On	LPF Coff Freq.	LPF Reso.	EG Attack Rate	EG Decay1 Rate	EG Decay2 Rate	EQ Bass Gain	EQ Treble EQ Bas Gain Freq	s EQ Treb Freq.	ole Output Select	HPF Cutoff Freq.	Vel. Sens. Pch. Vel. Sens. LPF Cutoff
C#-1		6	4 64			51		95	127	0 0	1	64	64	64	- 6	64 64	64	64	12	54	0 64	64 64
D -1		6	4 64	12	1 3	51	95	95	127	0 0	1	64		64		64 64	64	64	12	54	0 64	64 64
D#-1		6				51		127		0 0	1	64								54	0 64	
E -1		6				51		127	127	0 0	1	64	64	64					12	54 54	0 64	64 64
F -1 F#-1		6		93		52		63		0 0	1	64									0 64	64 64 64 64
G -1		6		116		52 64		63		0 0	1	64 64								54 54	0 64	64 64
G#-1		6				64		127	127	0 0	1	64								54	0 64	
A -1		6				64		63		0 0	1	64								54	0 64	64 64
Bb-1		6		98		64	63	63	127	0 0	1	64	64						12	54	0 64	64 64
B -1		6						127		0 0	1	64								54	0 64	64 64
c		6						127		0 0	1	64								54	0 64	
C#0		6				64		127		0 0	1	64								54	0 64	64 64
D 0 D#0		6				64		127 127	127 127	0 1	1	64								54 54	0 64	64 64 64 64
E 0	Reverse Cymbal	6						127		0 1	1	64								54	0 64	
F 0	Treverse Cymba	6						127		0 1	1	64								54	0 64	64 64
	Hi Q 2	6						63		0 0	1	64								54	0 64	
G 0	Snare Noisy 4	6	4 64	120	0	64	127	127	127	0 0	1	64	64	64		64 64	64	64	12	54	0 64	64 64
G#0		6				64		127	127	0 0	1	64								54	0 64	
A 0	Kick Tight 2	6						32		0 0	1	64								54	0 64	64 64
Bb0 B 0	Kick Analog Short	6						127 32		0 0	1	64 64								54 54	0 64	
C 1	Kick Analog Snort	6				64		32		0 0	1	64								54	0 64	64 64
C#1	Side Stick Analog	6				64		127		0 0	1	64								54	0 64	
D 1	Snare Analog	6	4 64	107	7 0	64	127	127	127	0 0	1	64	64	64	6	64 64	64	64	12	54	0 64	64 64
D#1		6						127		0 0	1	64								54	0 64	
E 1	Snare Analog 2	6						127		0 0	1	64								54	0 64	
F 1	Tom Analog 1	6				24		127		0 0	1	64	64	64						54	0 64	
F#1	Hi-Hat Closed Analog	6				77 39		32 127		0 0	1	64 64								54 54	0 64	
	Tom Analog 2 Hi-Hat Closed Analog 2	6				77		32		0 0											0 64	
A 1	Tom Analog 3	6		108		52		127	127	0 0	1	64								54	0 64	
Bb1	Hi-Hat Open Analog	6	4 64			77	32	32		0 0	1	64	64	64					12	54	0 64	64 64
B 1	Tom Analog 4	6	4 64		2 0	64	127	127		0 0	1	64	64	64				64	12	54	0 64	64 64
C <sub>2</sub>	Tom Analog 5	6						127		0 0						64 64					0 64	
C#2	Crash Analog	6	4 64				127	127	127	0 0		64	64						12	54	0 64	
D 2	Tom Analog 6	6						127		0 0	1										0 64	
D#2 E 2		6				34		127 127		0 0	1 1	64 64								54 54	0 64	64 65 64 64
F2		6					127	127	127	0 0	1	64	64							54	0 64	64 64
F#2		6						63		0 0	1		64	64					12		0 64	64 64
G 2		6	4 64			64		127		0 0	1	64				64 64				54	0 64	64 64
G#2	Cowbell Analog	6						63		0 0	1	64								54	0 64	
A 2		6		127	7 0		127	127	127	0 0	1	64	64	64					12	54	0 64	64 64
Bb2		6						127		0 0	1									54	0 64	64 64
B 2 C 3		6		110				127 95		0 0	1	64 64			6					54 54	0 64	64 64 64 64
C#3		6				110		95	127	0 0	1	64								54	0 64	
D 3	Conga Analog H	6				39		127		0 0	1	64								54	0 64	64 64
D#3	Conga Analog M	6	4 64	89		25	127	127		0 0	1	64	64	64			64	64	12	54	0 64	64 64
E 3	Conga Analog L	6						95		0 0	1	64								54	0 64	64 64
F 3		6				64		127	127	0 0	1	64								54	0 64	
F#3 G 3		6				64		127	127	0 0	1	64								54 54	0 64	64 64 64 64
G#3		6						100		0 0	1 1	64								54	0 64	64 64
A 3		6				28		63		0 0	1	64								54	0 64	
Bb3	Maracas 2	6	4 64	96	6 0	21	63	63	127	0 0	1	64	64	64		64 64	64	64	12	54	0 64	64 64
В3		6	4 64	100		101	127	127		0 1	1	64	64	64	- 6		64	64	12	54	0 64	64 64
C 4		6				101		127		0 1	1	64	64							54	0 64	
C#4		6				95		63	127	0 0	1	64								54	0 64	
D 4 D#4	Claves 2	6				- 10		63 95		0 1	1	64								54 54	0 64	64 64 64 64
D#4 Ε 4	OMPOS Z	6				104		95		0 0	1	64								54	0 64	
F4		6				104		95	127	0 0	1	64								54	0 64	64 64
F#4	Scratch H 2	6	4 64			21	127	127	127	0 0	1	64	64	64		64 64	64	64	12	54	0 64	64 64
G4	Scratch L 3	6	4 64	94		34	127	127		0 0		64	64	64	(				12		0 64	64 64
G#4		6	4 64					95		0 0		64	64							54	0 64	64 64
A 4		6				25		127		0 0	1	64								54	0 64	
Bb4 B 4		6				83 105		63 127		0 0	1	64 64	64	64 64						54 54	0 64	
C 5		6						127		0 0										54	0 64	
C#5		6	4 64					127		0 0			64	64					12		0 64	
D 5		6	4 64	127	7 0	64	127	127	127	0 0	1	64	64	64		64 64	64	64	12	54	0 64	64 64
D#5		6	4 64	127	7 0	64	127	127	127	0 0	1	64	64	64		64 64	64	64	12	54	0 64	64 64
E 5		6	4 64		7 0		127	127		0 0		64	64	64				64	12	54	0 64	
F 5		6		127				127 127	127 127	0 0	1	64 64								54 54	0 64	
F#5		6	4 64 4 64					127	127	0 0	1			64		64 64 64 64					0 64	
00			-1 04	1 12	1 0	1 04	12/1		127	- U				1 04	9 5	- Di	1 04		144			

Jaz	z Kit																					
		Pitch			Alternate		Reverb Ch	iorus	Variation Key	Rcv Note	Rcv Note	LPF Coff		EG Attack	EG	EG	EQ Bass	EQ Treble EQ Ba	ss EQ Tre	ble Output	HPF Cutoff	Vel. Sens. Vel. Sens.
Note	Instrument	Coarse	Pitch Fine	Level	Group	Pan	Send Se		Send Assign			Freq.		Rate	Decay1 Rate	Decay2 Rate		Gain Freq	Freq.	Select	Freq.	Pch. LPF Cutoff
C#-1		6						95		0 0	1			64						54	0 64	
D -1		6						95		0 0		64		64						54	0 64	
D#-1 E -1		6				51 51		127	127	0 0	1	64 64		64			64		12	54 54	0 64	
F -1		6	4 64					63	127	0 0			64	64				64	12	54	0 64	
F#-1		6	4 64	116			63	63	127	0 0			64	64	6		64	64		54	0 64	
G -1 G#-1		6				64		127	127 127	0 0	1	64 64		64 64					12	54 54	0 64	
A -1		6	4 64			64	63	63	127	0 0	1	64	64	64					12	54	0 64	64 64
Bb-1		6					63	63	127	0 0		64	64	64					12	54	0 64	
B -1		6						127		0 0				64 64						54	0 64	
C 0 C#0		6	4 64 4 64					127	127	0 0	1		64 64	64			64		12	54 54	0 64	
D 0		6	4 64				127	127		0 1	1	64	64	64		4 64	64		12	54	0 64	64 64
D#0		6				64		127		0 0	1	64		64						54	0 64	
E 0		6						127		0 1	1	64 64		64 64						54 54	0 64	
F#0		6	4 64	127	7 0	64	63	63	127	0 0		64	64	64	6	4 64	64	64	12	54	0 64	64 64
G 0		6	4 64		5 0	64	127 127	127		0 0	1	64	64 64	64			64		12	54 54	0 64	64 64
G#0 A 0		6	4 64 4 64				127	127	127	0 0		64 64	64 64	64 64					12	54	0 64	64 64 64 64
Bb0		6						127		0 0		64		64						54	0 64	
B 0		6	4 64	102		64	32	32	127	0 0	- 1	64	64	64	6	4 64	64	64	12	54	0 64	64 64
C 1 C#1	Kick Jazz	6				64		127	127	0 0	1	64 64		64					12	54 54	0 64	64 64 64 64
D 1		6	4 64	127	7 0			127	127	0 0	1	64	64	64						54	0 64	64 64
D#1		6	4 64	110	0	64	127	127	127	0 0	1	64	64	64	6	4 64	64	64	12	54	0 64	64 64
E 1	Toron Institut	6				64 24		127	127	0 0	1	64 64		64 64					12	54 54	0 64	
F 1	Tom Jazz 1	6				77		127	127	0 0	1	64		64						54	0 64	64 64 64 64
G 1	Tom Jazz 2	6	4 64	122	2 0	39	127	127	127	0 0	1	64	64	64	6	4 64	64	64	12	54	0 64	64 64
G#1 A 1	Toro loss 2	6	4 64			77 52	32 127	32	127	0 0	1	64	64 64	64						54 54	0 64	64 64 64 64
A 1 Bb1	Tom Jazz 3	6				52	32	127		0 0	1	64		64 64						54	0 64	
B 1	Tom Jazz 4	6	4 64	127	7 0	64	127	127	127	0 0	- 1	64	64	64	6	4 64	64	64	12	54	0 64	64 64
C 2	Tom Jazz 5	6					127	127		0 0				64						54	0 64	
C#2 D 2	Tom Jazz 6	6						127	127	0 0		64 64		64 64						54 54	0 64	
D#2	· · · · · · · · · · · · · · · · · · ·	6	4 64	105	5 0	34	127	127	127	0 0	1	64	64	64	6	4 64	64	64	12	54	0 64	64 65
E 2		6					127	127		0 0			64	64						54	0 64	
F 2		6						127		0 0		64 64		64 64						54 54	0 64	
G 2		6	4 64	127	7 0	64	127	127	127	0 0	1	64	64	64		4 64	64	64	12	54	0 64	64 64
G#2		6						63	127	0 0	1	64		64						54	0 64	
A 2 Bb2		6	4 64 4 64					127		0 0	1	64 64	64 64	64 64			64		12	54 54	0 64	
B 2		6	4 64	110	0	46	127	127	127	0 0	- 1	64	64	64	6	4 64	64	64	12	54	0 64	64 64
C 3		6						95		0 0				64						54	0 64	
C#3		6	4 64 4 64					127	127	0 0	1			64 64					12	54 54	0 64	
D#3		6	4 64	89	9 0	25	127	127	127	0 0	1	64	64	64	6	4 64	64	64	12	54	0 64	64 64
E 3		6	4 64	111	1 0	64	95	95	127	0 0	- 1	64	64	64	6	4 64	64	64	12	54	0 64	64 64
F 3		6						127	127	0 0	1	64 64		64 64						54 54	0 64	
G 3		6	4 64	108	3 0	34	100	100	127	0 0	1	64	64	64	6	4 64	64	64	12	54	0 64	64 64
G#3		6	4 64	108	3 0	34	100	100	127	0 0		64	64	64	6	4 64	64	64	12	54	0 64	64 64
A 3 Bb3		6						63	127	0 0				64 64						54 54	0 64	
В3		6	4 64	103	3 0	101	127	127	127	0 1	1	64	64	64	6	4 64	64	64	12	54	0 64	64 64
C 4		6	4 64	110	0	101	127	127	127	0 1	1	64	64	64	6	4 64	64	64	12	54	0 64	64 64
C#4 D 4		6						63	127	0 0	1	64 64	64 64	64 64						54 54	0 64	
D#4		6						95		0 0		64		64						54	0 64	64 64
E 4		6	4 64	107		104	95	95	127	0 0	1	64	64	64	6	4 64	64	64	12	54	0 64	64 64
F 4 F#4		6	4 64 4 64	96	7 0	104	95 127	95 127	127 127	0 0	1	64 64	64 64	64 64		4 64 4 64	64	64 64	12	54 54	0 64	64 64 64 64
G 4		6						127	127	0 0	1	64		64					12	54	0 64	64 64
G#4		6	4 64	127	7 2	25	95	95	127	0 0	1	64	64	64			64	64	12	54	0 64	64 64
A 4		6				25	127	127		0 0	1	64	64	64						54	0 64	
Bb4 B 4		6				83 105		127	127 127	0 0	1	64 64	64 64	64 64					12	54 54	0 64	64 64 64 64
C 5		6	4 64	68	3 0	64	127	127	127	0 0		64	64	64	6	4 64	64	64	12	54	0 64	64 64
C#5		6						127	127	0 0	1	64		64						54	0 64	
D 5 D#5		6				64		127	127	0 0	1	64 64		64 64					12	54 54	0 64	64 64 64 64
E 5		6	4 64	127	7 0		127	127	127	0 0	1	64	64	64	6	4 64		64	12	54	0 64	64 64
F 5		6						127	127	0 0	1	64	64	64						54	0 64	
F#5 G 5		6	4 64 4 64			64	127 127	127	127	0 0	1	64 64	64 64	64 64			64	64 64	12	54 54	0 64	64 64 64 64
0 0		_ ^	- 04	121		- 64	127	121	121	ا ا		64	64	04	, 6	- 04	- 04	04	12	U-1	- D4	U4 D4

Bru	sh Kit																							
		Pitch			Alternate		Reverb Chor	110	Variation	Key	Rcv Note	Rcv Note	LPF Coff		EG Attack	EG	EG	EQ Bass	EQ Treble E	O Page	EQ Treble	Output	HPF	Vel. Sens. Vel. Sens.
Note	Instrument	Coarse	Pitch Fine	Level	Group	Pan	Send Send	i	Send	Assign	Off		Freq.	LPF Reso.	Rate	Decay1 Rate	Decay2 Rate		Gain F	req	Freq.	Select	Cutoff Freq.	Pch. LPF Cutoff
C#-1		6	1 64	102	3	51	95	95	127	0		1	64	64	64			4 64	64	12	54		0 64	64 64
D -1		64	1 64	121	3	51	95	95	127	C	0	1	64	64	64	- 6	64 6	4 64	64	12	54		0 64	64 64
D#-1		6				51	127	127	127			1	64							12			0 64	
E -1		6	1 64 1 64	127	4	51 52	127 63	127	127 127	0	0	1	64 64	64 64	64 64	6	64 6	4 64 4 64	64 64	12	54 54		0 64	64 64 64 64
F#-1		64	1 64	116		52	63	63	127	0		1	64	64	64		64 6	4 64	64	12	54	-	0 64	64 64
G -1		6				64	75	0	127			1	64							12			0 64	
G#-1 A -1		6			0	64 64	127 63	127	127 127	0	0	1	64 64							12			0 64	
Bb-1		6	4 64	98		64	63	63	127	0		1	64	64	64	6	64 6	4 64	64	12	54		0 64	64 64
B -1		6		87		64	127	127	127			1	64							12			0 64	
C 0 C#0		6				64 64	127 127	127	127 127			1	64 64							12			0 64	
D 0		6				64	127	127	127	0		1	64	64					64	12			0 64	
D#0		6					127	127	127			1	64							12			0 64	
E 0		6			0	64 64	127 127	127	127 127	0		1	64 64							12			0 64	
F#0		6	4 64	127		64	63	63	127	C	0	1	64	64	64	- 6	64 6	4 64	64	12	54	-	0 64	64 64
G 0	Brush Slap 2	6				64	127	127	127			1	64	64	64		64 6			12			0 64	64 64
G#0 A 0		6				64 64	127 32	127	127 127	0		1	64 64							12			0 64	
Bb0		6	4 64			64	127	127	127	0	0	1	64	64	64			4 64	64	12	54	- (	0 64	64 66
B 0		6	4 64	102	0	64	32	32	127			1	64	64	64		64 6	4 64	64	12	54	-	0 64	64 64
C 1 C#1	Kick Small	6				64 64	32 127	32 127	127 127			1	64 64	64 64						12			0 64	
D 1	Brush Slap 3	6	1 64			64	127	127	127	0			64	64	64			4 64	64	12	54			
D#1		64	1 64			64	127	127	127			1	64	64						12			0 64	64 64
E 1	Brush Tap 2 Tom Brush 1	6					127 127	127	127 127			1	64 64							12			0 64	
F#1		64	1 64	91	- 1	77	32	32	127	0	0		64	64	64	- 6	64 6	4 64	64	12	54		0 64	64 64
G 1	Tom Brush 2	6	1 64				127	127	127			1	64	64	64		64 6	4 64	64	12	54		0 64	64 64
G#1 A 1	Tom Brush 3	6		97		77 52	32 127	32 127	127 127			1	64 64							12			0 64	
Bb1	TOTT DIGHT 3	6				77	32	32	127				64	64	64			4 64		12			0 64	
B 1	Tom Brush 4	6	1 64			64	127	127	127			1	64	64	64			4 64	64	12		- (	0 64	64 64
C 2 C#2	Tom Brush 5	6					127 127	127 127	127 127			1	64 64							12			0 64	
D 2	Tom Brush 6	6	1 64		0		127	127	127	0			64	64	64			4 64	64	12	54			
D#2		64				34	127	127	127			1	64							12			0 64	
E 2		6				34 46	127 127	127 127	127 127	0		1	64 64	64 64	64 64			4 64 4 64		12	54 54		0 64	
F#2		6				64	63	63	127			1	64	64						12			0 64	
G 2		64	1 64	127	0	64	127	127	127	0	0	1	64	64	64			4 64	64	12	54	- (	0 64	64 64
G#2 A 2		6				77 51	63 127	63 127	127 127		0	1	64 64		64 64					12			0 64	
Bb2		6				25	127	127	127			1	64	64						12			0 64	
B 2		64				46	127	127	127	C	-	1	64							12			0 64	
C 3 C#3		6		110		110 110	95 95	95 95	127 127		-	1	64 64							12			0 64	
D 3		6				39	127	127	127			1	64							12			0 64	
D#3		6	1 64	89	0	25	127	127	127	0		1	64	64	64		64 6	4 64	64	12	54	-	0 64	64 64
E 3		6				64 64	95 127	95 127	127 127			1	64 64							12			0 64	
F#3		6				64	127	127	127			1	64							12			0 64	
G 3		6				34	100	100	127	0	0	1	64	64						12			0 64	
G#3 A 3		6				34 28	100 63	100	127 127	0	0	1	64 64		64 64					12			0 64	64 64 64 64
Bb3		6	1 64			21	63	63	127			1	64	64	64					12			0 64	
В3		6				101	127	127	127		1	1	64							12			0 64	
C 4 C#4		6	1 64 1 64			101 95	127 63	127	127 127		1 0	1	64 64	64 64	64 64					12	54 54	-	0 64	
D 4		64	1 64	106	0	110	63	63	127	0	1	1	64	64	64	e	64 6	4 64	64	12	54	- (	0 64	64 64
D#4		6				64	95	95	127			1	64		64				64	12	54		0 64	
E 4		6				104	95 95	95 95	127			1	64 64							12 12			0 64	
F#4		64	4 64	97	0	21	127	127	127	0	0		64	64	64	- 6	64 6	4 64	64	12	54	- (	0 64	64 64
G 4		6					127	127	127			1	64							12				
G#4 A 4		6				25 25	95 127	95 127	127 127	0		1	64 64							12			0 64	
Bb4		64	1 64	106	0	83	63	63	127	0	0	1	64	64	64	6	64 6	4 64	64	12	54	-	0 64	64 64
B 4		6	4 64	123		105	127	127	127			1	64	64	64		64 6	4 64	64	12			0 64	64 64
C 5 C#5		6	1 64			64 64	127 127	127	127 127			1	64 64	64 64	64 64				64 64	12	54 54		0 64	
D 5		6	1 64	127	0	64	127	127	127	0	0	1	64	64	64		64 6	4 64	64	12	54	- (	0 64	64 64
D#5		6				64	127	127	127			1	64		64					12			0 64	
E 5		6					127 127	127	127 127			1	64 64							12			0 64	
F#5		64	1 64	127	0	64	127	127	127	0	0	1	64	64	64		64 6	4 64	64	12	54	- (	0 64	64 64
G 5		64	1 64	127	0	64	127	127	127	0	0	1	64	64	64	- 6	64 6	4 64	64	12	54		0 64	64 64

S١	νm	phony	Kit

Cyn	iprioriy Kit			_																		
		Pitch			Alternate	Reverb	Chorus	Variation	Key Rcv Note	Rcv Note	LPF Coff		EG Attack	EG	EG	EQ Bass	EQ Treble	FO Bass	EQ Treble	Output HPF	Vel. Sens.	Vel. Sens.
Note	Instrument	Coarse	Pitch Fine	Level	Group	Pan Send		Send	Assign Off	On	Freq.	LPF Reso.	Rate	Decay1 Rate	Decay2 Rate	Gain	Gain	Freq	Freq.	Select Cutoff Freq.	Pch.	LPF Cutoff
C#-1		64				51 95				0 1	64	64	64								64 64	
D -1 D#-1		64				51 98 51 127				0 1	64	64 64									64 64 64 64	
E -1		66			0	51 127	7 127	127	0	0 1	64	64	66			64					54 64	
F -1		64		4 93	4	52 60				0 1	64		64	4 64			64			0	64 64	4 64
F#-1		64				52 63	63		0	0 1	64		64		64	64					64 64	
G -1		64				64 75		127		0 1	64	64	64								64 64	
G#-1 A -1		64		4 127 4 94	0	64 123 64 63	7 127 3 63	127 127	0	0 1	64	64	64		64 64	64 64	64	12	54 54		64 64 64 64	4 64 4 64
Bb-1		64				64 63				0 1	64										64 64	
B -1		64								0 1	64										64 64	4 64
C 0		64				64 127				0 1	64	64	64		64	64					64 64	4 64
C#0		64				64 127				0 1	64										64 64	
D 0 D#0		64				64 12 64 12				1 1	64		64								64 64 64 64	
E 0		64			0	64 12				1 1	64	64				64					64 64	4 64
F 0		64				64 12				1 1	64	64									64 64	4 64
F#0		64	1 6	4 127	0	64 63	63	127	0	0 1	64			4 64	64	64	64	12	54		64 64	4 64
G 0		64		4 75	0	64 127				0 1	64				64	64				0	64 64	4 64
G#0 A 0	Kick Soft 2	64				64 123 64 33				0 1	64	64 64	64			64 64					64 64 64 64	
Bb0	NUK SUIL Z	64				64 12		127		0 1	64	64				64					64 64	
B 0	Gran Cassa	64				64 32				0 1	64		64		64	64					64 64	4 64
C 1	Gran Cassa Mute	64				64 32				0 1	64										64 64	
C#1		64			0	64 12				0 1	64	64	64			64					64 64	
D 1 D#1	Band Snare	64			0	64 12				0 1	64		64			64 64					64 64 64 64	
D#1	Band Snare 2	64				64 127 64 127			0	0 1	64					64					64 64 64 64	
F 1	Tom Jazz 1	64				24 12				0 1	64										64 64	4 64
F#1		64				77 33				0 1	64		64			64					64 64	
G 1	Tom Jazz 2	64				39 127	7 127			0 1	64	64				64					64 64	64
G#1	T	64				77 30				0 1	64										64 64	
A 1 Bb1	Tom Jazz 3	64				52 127 77 33				0 1	64										64 64 64 64	
B 1	Tom Jazz 4	64				64 12				0 1	64	64			64	64					64 64	4 64
C 2	Tom Jazz 5	64	1 6	4 103	0	83 127	7 127	127	0	0 1	64	64	64	4 64	64	64	64	12	54	0	64 64	4 64
	Hand Cymbal	64								0 1	64										64 64	4 64
D 2	Tom Jazz 6	64								0 1	64					64					64 64	
D#2 E 2	Hand Cymbal Short	64		4 124	0	34 121 34 121				0 1	64	64 64				64 64					64 64 64 64	
F 2		64			0	46 12	7 127	127		0 1	64					64			54		64 64	
F#2		64		4 120	0	64 60				0 1	64	64				64					64 64	4 64
G 2		64		4 127	0	64 127	7 127	127	0	0 1	64				64	64	64	12	54		64 64	
G#2 A 2	11 10 110	64				77 60 51 120				0 1	64	64	64								64 64 64 64	
Bb2	Hand Cymbal 2	64	1 6	4 106	0		7 127	127 127	0	0 1	64	64 64	64		64 64	64 64	64	12	54	0	64 64 64 64	
B 2	Hand Cymbal 2 Short	64				46 12				0 1	64		64	4 64							64 64	
C 3		64	1 6	4 110	0	110 98	95	127	0	0 1	64	64		4 64	64	64		12	54		64 64	4 64
C#3		64				110 95				0 1	64	64				64					64 64	
D 3 D#3		64		4 73 4 89	0	39 127 25 127	7 127	127 127	0	0 1	64	64 64	64			64 64			54 54		64 64 64 64	
E 3		64								0 1	64										64 64	
F 3		64	1 6	4 91	0	64 127	7 127	127	0	0 1	64	64	64	4 64	64	64	64	12	54	0	64 64	4 64
F#3		64		4 95	0	64 127		127	0	0 1	64	64			64	64		12	54		64 64	4 64
G 3 G#3		64	1 6	4 108 4 108	0	34 100 34 100	100	127 127	0	0 1	64	64 64	64	4 64 4 64		64 64	64	12	54 54	0	64 64 64 64	4 64 4 64
A 3		64				28 6				0 1	64		64								64 64	
Bb3		64								0 1	64										64 64	4 64
B 3		64	1 6	4 103	0	101 127	7 127	127	0	1 1	64	64		4 64	64	64		12	54	0	64 64	4 64
C 4		64				101 127				1 1	64		64								64 64	64
C#4 D 4		64				95 60 110 60				1 1	64		64								64 64 64 64	
D#4		64				64 95				0 1	64	64									64 64	4 64
E 4		64	1 6	4 107	0	104 95	95	127	0	0 1	64	64	64	4 64	64	64	64	12	54	0	64 64	4 64
F 4		64	1 6	4 96	0	104 95	95	127	0	0 1	64	64	64	4 64	64	64	64	12	54	0	64 64	4 64
F#4		64								0 1	64					64					64 64	
G 4 G#4		64				34 127 25 98				0 1	64	64 64									64 64 64 64	
G#4		64				25 95				0 1	64	64				64					64 64	
Bb4		64				83 60				0 1	64	64	64		64	64					64 64	4 64
B 4		64				105 127				0 1	64		64								64 64	4 64
C 5		64				64 127				0 1	64										64 64	
C#5 D 5		64				64 127 64 127				0 1	64	64 64	64			64 64					64 64 64 64	
D#5		64				64 12				0 1	64										64 64	
E 5		64	1 6	4 127	0	64 127	7 127	127	0	0 1	64	64	64	4 64	64	64	64	12	54	0	64 64	4 64
F 5		64		4 127	0	64 127	7 127	127	0	0 1	64	64			64	64	64	12	54		64 64	4 64
F#5		64	1 6			64 127				0 1	64	64			64	64		12	54		64 64	64
G 5		64	1 6	4 127	0	64 12	7 127	127	0	0 1	64	64	64	4 64	64	64	64	12	54	0	64 64	4 64

SF	Kit 1																						
		Pitch			Alternate		Reverb Cho	nus	Variation Key	y Rcv Note	Rcv Note	LPF Coff		EG Attack	EG	EG	EQ Bass	EQ Treble EC	) Rass	EQ Treble	Output	HPF	Vel. Sens. Vel. Sens.
Note	Instrument	Coarse	Pitch Fine	Level	Group	Pan	Send Send	1		sign Off	On	Freq.	LPF Reso.	Rate	Decay1 Rate	Decay2 Rate	Gain	Gain Fre	eq	Freq.	Select	Cutoff Freq.	Pch. LPF Cutoff
C#-1		6	1 64	127	0	64	127	127	127	0	0 1	64	64	64	6	4 64	64	64	12	54		0 64	64 64
D -1		64	1 64	127	0	64	127	127	127	0	0 1	64	64	64	6	4 64	64	64	12	54	- (	0 64	64 64
D#-1 E -1		6				64 64	127 127	127	127 127	0	0 1	64 64							12			0 64	
F-1		6	4 64	127	0	64	127	127	127	0	0 1	64	64	64	6	4 64	64	64	12	54		0 64	64 64
F#-1		6		127	0	64	127	127	127	0	0 1	64			6				12			0 64	
G -1 G#-1		6				64 64	127 127	127 127	127 127	0	0 1	64 64							12	54 54		0 64	
A -1		6	4 64	127	0	64	127	127	127	0	0 1	64	64	64	6	4 64	64	64	12	54	- (	0 64	64 64
Bb-1 B -1		6		127	0	64 64	127 127	127	127 127	0	0 1	64 64			6				12			0 64	
C 0		6			0		127	127	127	0	0 1	64							12			0 64	
C#0		6				64	127	127	127	0	0 1	64	64	64					12	54		0 64	64 64
D 0 D#0		6					127 127	127	127 127	0	0 1	64 64	64 64						12			0 64	
E 0		6	4 64	127	0	64	127	127	127	0	0 1	64	64	64			64	64	12	54	- (	0 64	64 64
F 0		6			0	64	127	127	127	0	0 1	64			6				12			0 64	64 64 64 64
F#0 G 0		6			0	64 64	127 127	127 127	127	0	0 1	64 64							12	54 54		0 64	
G#0		6	4 64	127		64	127	127	127		0 1	64	64	64	6	4 64	64	64	12	54	- (	0 64	64 64
A 0 Bb0		6	1 64 1 64		0	64 64	127 127	127	127 127	0	0 1	64 64	64 64	64 64				64 64	12	54 54		0 64	
B 0		6	4 64	127	0	64	127	127	127	0	0 1	64	64	64	6	4 64	64	64	12	54	-	0 64	64 64
C 1	Cutting Noise	6	4 64	127	0	64	127	127	127	0	1 1	64	64	64		4 64	64	64	12	54		0 64	64 64
C#1	Cutting Noise 2 Distorted Cutting Noise	6	4 64 4 64		0	64 64	127 127	127	127 127	0	1 1	64 64	64 64	64 64			64	64 64	12	54 54	-	0 64	
D#1	String Slap	6	1 64	127	0	64	127	127	127	0	1 1	64	64	64	6	4 64	64	64	12	54	- (	0 64	64 64
E 1	Bass Slide Pick Scrape	6					127	127	127	0	1 1	64					64		12			0 64	
F#1	гих ошаре	6					127 127	127	127 127	0	0 1						64		12				
G 1		6	1 64	127	0	64	127	127	127	0	0 1	64	64	64	6	4 64	64	64	12	54	-	0 64	64 64
G#1 A 1		6		127			127 127	127 127	127 127	0	0 1								12			0 64	
Bb1		6	4 64			64	127	127	127		0 1	64	64	64			64	64	12	54		0 64	64 64
B 1 C 2		6	1 64 1 64				127 127	127 127	127 127	0	0 1	64 64	64 64	64 64			64		12			0 64	64 64 64 64
C#2		6					127	127	127	0	0 1	64							12			0 64	
D 2		6	4 64	127	0	64	127	127	127		0 1	64	64	64	6	4 64	64	64	12	54	-		64 64
D#2	Flute Key Click	6				64 64	127 127	127	127 127	0	0 1	64 64							12			0 64	
F 2	I lute key Citck	6	4 64	127	0	64	127	127	127	0	0 1	64	64	64	6	4 64	64	64	12	54	-	0 64	64 64
F#2		6					127	127	127	0	0 1	64							12			0 64	
G 2 G#2		6	1 64 1 64		0	64 64	127 127	127	127 127	0	0 1	64 64	64 64	64 64	6		64	64 64	12	54 54		0 64	64 64 64 64
A 2		6	1 64	127	0	64	127	127	127	0	0 1	64	64	64	6	4 64	64	64	12	54		0 64	64 64
Bb2 B 2		6			0	64 64	127 127	127 127	127 127	0	0 1	64 64							12			0 64	
C 3		6			0		127	127	127	0	0 1	64							12			0 64	
C#3		6				64 64	127 127	127 127	127 127	0	0 1	64 64			6				12			0 64	
D#3		6			0		127	127	127	0	0 1	64							12	54		0 64	
E 3		64			0	64	127	127	127	0	0 1	64	64	64					12			0 64	64 64
F 3		6			0	04	127 127	127	127 127	0	0 1	64 64			6				12			0 64	
G 3		6	4 64	127		64	127	127	127	0	0 1	64	64	64	6	4 64	64	64	12	54		0 64	64 64
G#3 A 3	Shower Thunder	6			0	64 64	127 127	127 127	127 127	0	1 1	64 64		64 64					12			0 64	64 64 64 64
Bb3	Wind	6	1 64			64	127	127	127	0	1 1	64	64	64					12			0 64	
В3	Stream	6	1 64	127		64	127	127	127	0	1 1	64	64	64	6	4 64	64	64	12	54	-	0 64	64 64
C 4 C#4	Bubble Feed	6	1 64 1 64		0	64 64	127 127	127	127 127	0	1 1	64 64	64 64	64	6				12	54 54	-	0 64	
D 4		64	1 64	127	0	64	127	127	127	0	0 1	64	64	64	6	4 64	64	64	12	54	- (	0 64	64 64
D#4 E 4		6			0	64 64	127 127	127 127	127 127	0	0 1	64 64		64 64				64 64	12	54 54		0 64	
F 4		6			0		127	127	127	0	0 1								12			0 64	
F#4		6	1 64				127	127	127	0	0 1	64	64	64				64	12	54		0 64	64 64
G 4 G#4		6			0	64 64	127 127	127 127	127 127	0	0 1	64 64			6				12 12			0 64	
A 4		6	4 64	127	0	64	127	127	127	0	0 1	64	64	64	6	4 64	64	64	12	54	-	0 64	64 64
Bb4		6	1 64				127 127	127 127	127 127	0	0 1	64 64	64	64			64		12			0 64	64 64 64 64
B 4 C 5	Dog	6			0		127	127	127	0	0 1	64							12			0 64	
C#5	Horse	6	4 64	127	0	64	127	127	127	0	1 1	64	64	64	6	4 64	64	64	12	54	- (	0 64	64 64
D 5	Bird Tweet 2	6		127			127	127	127 127	0	1 1	64							12			0 64	
D#5 E 5	Kitty Growl	6					127 127	127	127	0	1 1	64 64							12			0 64	
F5	Haunted	6	4 64	127	0	64	127	127	127	0	1 1	64	64	64	6	4 64	64	64	12	54	- (	0 64	64 64
F#5 G 5	Ghost	6					127 127	127	127 127	0	1 1	64 64							12			0 64	
-00		1																					

SFX	Kit 2																							
		Pitch			Alternate		Reverb C	horus	Variation	Key	Rcv Note	Rcv Note	LPF Coff		EG Attack	EG	EG	EQ Bass	EQ Treble EQ	Poss	EQ Treble	Output	HPF	Vel Sens Vel Sens
Note		Coarse	Pitch Fine	Level	Group			end	Send	Assign		On	Freq.	LPF Reso.	Rate	Decay1 Rate	Decay2 Rate	Gain	Gain Fre		Freq.	Select	Cutoff Freq.	Pch. LPF Cutoff
C#-1		6	4 64	127	0	64	127	127	127		0 0	1	64	64	64		64 64	64	64	12	54		0 64	64 64
D -1		6	4 64	127	0	64	127	127	127	' (	0	1	64	64	64	1 6	64 64	64	64	12	54	-	0 64	64 64
D#-1		6		127	0	64 64	127 127	127	127		0 0	1	64 64	64						12			0 64	64 64 64 64
E -1		6					127	127			0 0		64							12			0 64	
F#-1		6	4 64	127	0	64	127	127	127	, (		1	64	64	64	1 6	64 64	64	64	12	54		0 64	64 64
G -1 G#-1		6			0	64 64	127 127	127	127		0 0	1	64 64							12			0 64	64 64 64 64
A -1		6			0		127	127			0 0	1	64							12			0 64	64 64
Bb-1		6	4 64	127	0	64	127	127	127	,	0	1	64	64	64		64 64	64	64	12	54	-	0 64	64 64
B -1 C 0		6	4 64 4 64	127 127	0		127 127	127 127	127		0 0	1	64 64	64	64					12 12	54 54		0 64	64 64 64 64
C#0		6			0		127	127	127		0 0	1								12	54		0 64	64 64
D 0		6	4 64	127	0		127	127	127	, (	0	1	64	64	64		64 64	64	64	12	54		0 64	64 64
D#0 E 0		6					127 127	127 127			0 0		64 64							12 12			0 64	
F 0		6			0		127	127	127		0 0	1	64							12			0 64	
F#0		6		127	0	64	127	127	127		0	1	64	64	64					12			0 64	64 64
G 0 G#0		6					127 127	127 127	127		0 0									12			0 64	
A 0		6			0		127	127			0 0		64							12			0 64	64 64
Bb0		6			0		127	127	127		0	1	64							12			0 64	64 66
B 0 C 1	Phone Call	6			0		127 127	127 127			0 0	1	64 64							12			0 64	64 64 64 64
C#1	Door Squeak	6	4 64	127	0	64	127	127	127	,	1	1	64	64	64		64 64	64	64	12	54	-	0 64	64 64
D 1	Door Slam	6	4 64	127	0		127	127	127		) 1	1	64	64	64	1 6	64 64		64	12	54		0 64	64 64
D#1	Scratch Cut Scratch H 3	6			0	64 64	127 127	127	127		1	1	64 64							12 12	54 54		0 64	64 64 64 64
F 1	Wind Chime	6	4 64	127	0	64	127	127	127	, (	) 1	1	64	64	64		64 64	64	64	12	54		0 64	64 64
F#1	Telephone Ring 2	6			0		127	127	127		1	1		64	64					12			0 64	64 64
G 1 G#1		6			0	64 64	127 127	127	127		0 0	1	64 64	64						12			0 64	64 64 64 64
A 1		6			0	64	127	127	127		0 0	1	64							12			0 64	64 64
Bb1		6					127	127	127		0									12			0 64	
B 1 C 2		6	4 64 4 64		0		127 127	127	127		0 0	1	64 64	64	64					12			0 64	64 64 64 64
C#2		6	4 64	127	0	64	127	127	127	' (	0		64	64	64		64 64	64	64	12	54		0 64	64 64
D 2		6	4 64		0		127	127			0	1	64							12			0 64	
D#2 E 2	Car Engine Ignition	6			0	64 64	127 127	127			0 1	1	64 64							12			0 64	64 65 64 64
F 2	Car Tire Squeal	6	4 64	127	0	64	127	127	127	' (	1	1	64	64	64	1 6	64 64	64	64	12	54		0 64	64 64
F#2	Car Passing	6			0	64	127	127	127		1	1	64							12			0 64	64 64
G 2 G#2	Car Crash Siren	6			0	64 64	127 127	127			) 1	1	64 64							12			0 64	64 64 64 64
A 2	Train	6	4 64	127	0	64	127	127	127		) 1	1	64	64	64	1 6	64 64	64	64	12	54		0 64	64 64
Bb2	Jet Plane Starshin	6			0	64 64	127 127	127	127		) 1	1	64 64							12			0 64	64 64 64 64
C 3	Burst	6			0	64	127	127	127		) 1	1	64							12			0 64	64 64
C#3	Roller Coaster	6	4 64	127	0	64	127	127	127	, (	1	- 1	64	64	64	1 6	64 64	64	64	12	54		0 64	64 64
D 3 D#3	Submarine	6	4 64 4 64		0		127 127	127 127	127		0 1	1	64 64	64	64			64		12			0 64	64 64 64 64
E 3		6			0		127	127			0 0		64							12			0 64	64 64
F 3		6	4 64				127	127			0	1								12			0 64	
F#3		6		127 127	0	64 64	127 127	127 127	127		0 0	1	64 64	64						12			0 64	64 64 64 64
G#3	Laugh	6	4 64	127	0	64	127	127	127	' (	) 1	1	64	64		1 6	64 64	64	64	12	54		0 64	64 64
A 3	Scream	6					127	127			) 1	1	64							12			0 64	64 64
Bb3 B 3	Punch Heart Beat	6			0		127 127	127			) 1	1	64 64							12			0 64	
C 4	Foot Steps	6	4 64	127	0	64	127	127	127		1	1	64	64	64	1 6	64 64	64	64	12	54		0 64	64 64
C#4	Applause 2	6		127	0	64	127	127	127		0 1	1	64							12			0 64	64 64
D#4		6		127	0	64 64	127 127	127 127	127		0 0	1	64 64							12	54 54		0 64	64 64 64 64
E 4		6	4 64	127	0	64	127	127	127	, (	0 0	1	64	64	64	1 6	64 64	64	64	12	54		0 64	64 64
F 4 F#4		6	4 64 4 64		0	64 64	127 127	127			0 0	1	64 64	64	64					12			0 64	
G 4		6			0		127	127			0 0		64							12			0 64	64 64
G#4		6	4 64	127	0	64	127	127	127	' (	0		64	64	64	1 6	64 64	64	64	12	54	-	0 64	64 64
A 4 Bb4		6			0		127	127	127		0 0	1	64							12			0 64	64 64 64 64
Bb4		6		127	0	64 64	127 127	127 127	127		0 0	1	64 64							12			0 64	64 64 64 64
C 5	Machine Gun	6	4 64	127		64	127	127	127		) 1	1	64	64	64	1 6	64 64	64	64	12	54		0 64	64 64
C#5	Laser Gun	6			0	64 64	127 127	127	127		1	1	64 64							12	54 54		0 64	64 64 64 64
D 5 D#5	Explosion Firework	6			0	64	127	127	127		0 1	1	64							12	54 54		0 64	64 64 64 64
E 5		6	4 64	127	0	64	127	127	127	,	0 0	1	64	64	64	1 6	64 64	64	64	12	54	-	0 64	64 64
F 5		6		127	0		127	127	127		0 0	1	64							12	54		0 64	64 64
F#5 G 5		6		127	0	64 64	127 127	127 127			0 0	1	64 64	64	64				64 64	12	54 54		0 64	64 64 64 64
		· ·				, ,,,		.27		<u>.                                      </u>			-							72		i .		

### Drum Setup Defaults (Optional Rhythm Voices)

- Same as Standard Kit - No Sound

Dry Kit

Dry	Kit																								
Note	Instrument	Pitch Coarse	Pitch Fine	Level	Alternate Group	Pan	Reverb Send	Chorus Send	Variation Send	Key Assign	Rcv Note Off	Rcv Note On	LPF Coff Freq.	Reso.	EG Attack Rate	EG Decay1 Rate		EQ Bass Gain	EQ Treble Gain	EQ Bass Freq	EQ Treble Freq.	Output Select	HPF Cutoff Freq.	Dob	Vel. Sens. LPF Cutoff
C#-1	Surdo Mute V	64	64	102	3	51	95	95	127		0	1	64	64	6	4 64	64	64	64	12	2 54		64	66	67
D -1	Surdo Open V	64				51		95	127		0	1	64		6	4 64		64	64	12			64		68
D#-1		64	64			51		127	127		0	- 1	V-F			4 64		64					64		64
E-1		64				51		127	127		) (	1						64					64		64
F-1		64				52	63	63	127		0 0	1	64					64		12			64		64
F#-1 G -1		64				52		63	127		) (	1	64			4 64 4 64		64	64	12			64		64 64
G#-1		64				64		127	127			1	64					64					64		64
A -1		64				64		63	127				64					64					64		64
Bb-1		64				64		63	127		) (	1	64					64					64		64
B -1		64				64		127	127		) (	1	64					64	64	12			64		64
C 0		64	64	119	(	64	127	127	127		0	1	64			4 64	64	64	64	12	2 54	0	64	64	64
	Brush Tap V	64	64			64		127	127		0	1	64					64					64	66	66
	Brush Swirl V	64				64		127	127		) 1	1						64					64		65
D#0		64				64		127 127	127		) (	1 1	64					64		12			64		65 65
E 0	Brush Tap Swirl V Snare Roll V	64 64				64		127	127		) 1	1	64			4 64		64		12			64		66
F#0	Share Roll V	64				64		63	127		0 0	1	64					64		12			64		64
	Snare Dry Soft	64	64			64	127	127	127									64					64	65	64
G#0	, ,	64			(	64	127	127	127		) (	1	64	64	64	4 64	64	64	64				64	64	64
	Kick Dry Soft	64	64	99	(	64	32	32	127			1	64	64		4 64	64	64	64	12	2 54		64	65	64
	Open Rim Shot Dry V	64				64		127	127		0							64					64		65
B 0	Kick Dry Tight	64	64	102		64		32										64			2 54		64	65	65
	Kick Dry Mute	64				64			127		) (	1						64		12			64		65
D 1	Side Stick Dry Snare Dry	64	64 64	127		64	127	127	127		) (	1	64					64					64	64	66 65
D#1	Dinic Dij	64				64		127	127		0 0	1	64					64					64		64
	Snare Dry Mute	64	64			64	127		127			i	64					64							65
F 1	Floor Tom L Short	64	64	111	(	24	127	127	127		0	1	64	64	64	4 64	64	64	64	12	2 54	(	64	66	65
F#1		64	64	91		77	32	32	127		0	1	64					64		12	2 54		64	64	64
	Floor Tom H Short	64				39		127	127		0	1	V-F					64							65
G#1		64				77		32	127		0 0	1	64					64					64		64
Bbl	Low Tom Short	64				52	127	127	127		) (	1				4 64 4 64		64					64		65 64
	Mid Tom L Short	64				64		127	127		) (	1	64					64		12			64		65
C 2	Mid Tom H Short	64						127	127		) (	i						64							65
C#2	Crash Cymbal 1 V	64			(	69		127	127		0	1	64	64	6			64		12	2 54		64		65
D 2	High Tom Short	64				104			127		0	- 1						64					64		65
	Ride Cymbal 1 V	64							127		) (	- 1						64					64		65
E 2	Chinese Cymbal V	64	64 64	120	(	34	127	127 127	127		0 0	1	64					64			2 54		64	71 64	66 64
F#2		64				64		63	127		) (	1				4 64		64	64	12			64		64
	Splash Cymbal V	64				64		127	127		) 0							64					64		65
G#2		64						63	127									64					64		64
A 2	Crash Cymbal 2 V	64	64	127		51	127	127	127		0	- 1	64					64		12			64	65	64
Bb2		64				25		127	127									64	64	12			64		64
	Ride Cymbal 2 V	64				46		127	127		) (							64		12			64		65
	Bongo H V	64				110		95	127		0 0							64					64		65
D 3	Bongo L V Conga H Mute V	64 64				110	95 127	95 127	127		) (	1	64 64		64	4 64		64	64	12			64		65 65
	Conga H Open V	64				25	127	127	127		) (	i						64		10			64	65	65
E 3	Conga L V	64				64		95	127		) (	1	64	64	64	4 64	64	64	64	12			64		65
F 3	Timbale H V	64	64	91	(	64	127	127	127		) (	1	64	64		4 64	64	64	64	12	2 54		64	65	65
F#3	Timbale L V	64	64	95	(	64	127	127	127		0	- 1	64	64	6	4 64	64	64	64	12	2 54		64	66	65
	Agogo H V	64				34		100	127		0 0	1	64		6	4 64		64		12			64		64
G#3	Agogo L V	64							127		0 0	1						64					64		64
A 3 Bb3		64				28		63	127		1 0	1	64 64					64 64		12			64		64 64
B 3	Samba Whistle H V	64	64	103	-	0 101	127	127	127	-	1 1	1	64				64	64		12			64	65	64
C 4		64				101	127	127	127		) 1	i	64			4 64		64		12			64		64
C#4		64	64		ì	95	63	63	127		0 0	1						64					64	64	64
D 4		64	64	106	(	110		63	127		) 1	1	64			4 64	64	64	64	12			64	64	64
D#4		64				64		95	127		) (	1						64	64	12			64		64
E 4		64				104		95	127		0 0	1	64					64		12			64		64
F 4 F#4	Cuica Mute V	64			-	104	95 127	95 127	127		0 0	1	64					64	64	12			64	64	64 64
G 4	Cuica Mute v Cuica Open V	64				34		127	127		) (	- 1	64					64		12			64		64
G#4	Curca Open v	64				2 25		95	127		) (	i						64		12					64
A 4		64				2 25	127	127	127		) (	i	64					64					64		64
Bb4		64	64	106	(	83	63	63	127		0	1	64	64	6	4 64	64	64	64	12	2 54		64	64	64
B 4		64	64	123		105		127	127				64	64	64	4 64	64	64					64	64	64
C 5		64				64		127	127			1						64		12			64	64	64
C#5		64				64		127	127		0	1						64		12			64		64
D 5 D#5		64 64				64	127 127	127 127	127		1 0	1	64 64			4 64		64	64	12			64		64 64
D#5		64							127		0 0	1						64							64
F 5		64				64		127	127		) 0	i	64			4 64		64	64	12			64	64	64
F#5		64				64		127	127			1						64							64
G 5		64				64		127	127		) (	1	64			4 64	64	64	64				64		64

Brig	ht	K1t

2711	giit Kit																							
Note	Instrument	Pitch Coarse	Pitch Fine	Level	Alternate Group	Pan	Reverb Send	Chorus Send	Variation Send	Key Assign	Rcv Note Off	Rcv Note On	LPF Coff Freq.	LPF Reso.	EG Attack Rate	EG Decay1 Rate	EG Decay2 EQ Bass Gain		Q Bass Treq Fr	reble	Output Select	HPF Cutoff Freq.	Vel. Sens. Pch.	Vel. Sens. LPF Cutoff
C#-1	Surdo Mute B	64	64	102		51	95	95	127		0 0	1	64	64	1 6	4 64			12	54	0	64	64	64
D -1	Surdo Open B	64	64	121		51		95	127		0 0	1							12	54	- 0	64	64	64
D#-1	Hi Q B	64	64	63		51	127	127	127		0 0	1	64	64	1 6	4 64	64 6	4 64	12	54	- 0	64	64	64
	Whip Slap B	64				51		127	127		0 0		64						12	54	- 0	64		64
	Scratch H B	64		93		52		63	127		0 0	1	64						12	54	- 0	64		64
	Scratch L B	64		116	4	52		63	127		0 0		64	64	1 6	4 64	64 6	4 64	12	54	0	64		64
G -1	Finger Snap B	64				64			127		0 0								12	54	0	64		64
G#-1	Click Noise B	64				64		127	127		0 0		64	64	1 6	4 64	64 6	4 64	12	54	0	64		64
	Metronome Click B	64				64		63	127		0 0	1	64		1 6				12	54	0	64		64
	Metronome Bell B	64				64		63	127		0 0	1							12	54	0	64		64
B -1	Seq Click L B	64	64	92		64	127	127	127		0 0	- 1	64	64	1 6	4 64	64 6	4 64	12	54	0	64	64	64
C 0	Seq Click H B	64	64	119		64	127	127	127		0 0	1	64	64	1 6	4 64		4 64	12	54	0	64		64
C#0	Brush Tap B	64	64	49		64	127	127	127		0 0	1	64	64	1 6	4 64	64 6	4 64	12	54	0	64	64	64
D 0	Brush Swirl B	64				64			127		0 1	1	64						12	54	0	64		64
	Brush Slap B	64				64		127	127		0 0	1							12	54	0	64		64
E 0	Brush Tap Swirl B	64				64		127	127		0 1	1	64						12	54	0	64		64
F 0	Snare Roll B	64		79		64		127	127		0 1	1	64			4 64			12	54	0	64		64
	Castanet B	64				64		63	127		0 0								12	54	0	64		64
	Snare Soft B	64				64					0 0	_	64						12	54	- 0	64		64
	Sticks B	64				64		127	127		0 0	1							12	54	0	64		64
	Kick Soft B	64				64		32 127	127	-	0 0	-	64						12	54 54	0	64		64
BD0	Open Rim Shot B Kick Tight B	64	64 64	127		64	127		127 127		0 0		64						12	54 54	- 0	64	64	64 64
	Kick Tight B Kick B	64		102		64		32	127		0 0	+	64						12	54	- 0	64	64	64
	Side Stick B	64		93		64		127	127		0 0	-	64						12	54	- 0	64		64
	Side Stick B Snare B	64				64		127	127	-	0 0		64						12	54	- 0	64		64
	Hand Clap B	64				64		127	127		0 0		64						12	54	0	64		64
EΙ	Snare Tight B	64	64			64		127	127		0 0								12	54	0	64		64
F 1	Floor Tom L B	64				24		127	127		0 0	1	64						12	54	- 0	64		64
	Hi-Hat Closed L B	64				77		32	127		0 0		64						12	54	0	64		64
G 1	Floor Tom H B	64	64	113		39	127	127	127		0 0	1	64				64 6		12	54	- 0	64	64	64
	Hi-Hat Pedal B	64				77	32	32	127		0 0	1	64	64	1 6			4 64	12	54	0	64		64
A 1	Low Tom B	64	64	99			127	127	127		0 0	1							12	54	0	64	64	64
Bbl	Hi-Hat Open B	64				77	32	32	127		0 0	1	64	64	1 6				12	54	0	64	64	64
	Mid Tom L B	64				64		127	127		0 0	1			1 6				12	54	0	64		64
	Mid Tom H B	64		99		83	127	127	127		0 0	1	64	64	1 6	4 64	64 6	4 64	12	54	0	64	64	64
C#2	Crash Cymbal 1 B	64	64	127		69		127	127		0 0	1	64	64	1 6	4 64	64 6	4 64	12	54	0	64		64 64
D 2	High Tom B	64				104		127	127		0 0	1	64	64	1 6			4 64	12	54	0	64		64
D#2	Ride Cymbal 1 B	64	64			34		127	127		0 0	1	64	64	1 6	4 64	64 6	4 64	12	54	0	64	64	64
	Chinese Cymbal B	64		120		34		127	127		0 0	1							12	54	- 0	64		64
F 2	Ride Cymbal Cup Short	64				46		127	127	-	0 0	1							12	54	0	64		64
F#2	Tambourine B	64				64	63	63	127		0 0		64						12	54 54	0	64		64
G 2	Splash Cymbal B Cowbell L	64 64				64	127	127	127 127		0 0	1				4 64 4 64			12	54	- 0	64 64		64 64
	Crash Cymbal 2 B	64		118		51		127	127		0 0								12	54	- 0	64	64	64
	Vibraslap B	64				25		127	127		0 0		64						12	54	- 0	64		64
D 2	Ride Cymbal 2 B	64				46		127	127		0 0								12	54	- 0	64		64
	Bongo H B	64				110		95	127		0 0		64						12	54	- 0	64		64
C#3	Bongo L B	64							127		0 0	i							12	54	- 0	64		64
D 3	Conga H Mute B	64				39		127	127		0 0		64	64	1 6	4 64	64 6	4 64	12	54	- 0	64		64
	Conga H Open B	64			- (	25		127	127		0 0	1	64	64	1 6	4 64	64 6	4 64	12	54	0	64		64
	Conga L B	64				64		95	127		0 0	1	64	64	1 6	4 64	64 6	4 64	12	54	0	64	64	64
F 3	Timbale H B	64	64	91		64	127	127	127		0 0	1	64	64	1 6	4 64	64 6	4 64	12	54	0	64	64	64
F#3	Timbale L B	64	64	95		64	127	127	127		0 0	1	64	64		4 64	64 6	4 64	12	54	0	64	64	64
G 3	Agogo H B	64				34			127		0 0		64						12	54	- 0	64		64
G#3	Agogo L B	64				34				_	0 0	1	- 04						12	54	0	64		64
	Cabasa B	64				28		63	127	_	0 0	1	- 04						12	54	0	64		64
	Maracas B	64				21	63	63	127		0 0	1	64						12	54	0	64		64
	Samba Whistle H B	64				101		127	127		0 1	1	- 04						12	54	- 0	64		64
	Samba Whistle L B	64				101		127	127		0 1	1	64						12	54	- 0	64		64
	Guiro Short B	64				95		63	127		0 0								12	54	0	64		64
D 4	Guiro Long B	64				110			127	-	0 1	1							12	54	0	64		64
	Claves B	64				64	95	95	127	-	0 0	1	64						12	54	0	64		64
	Wood Block H B	64				104		95 95	127 127		0 0	1	- 04						12	54 54	0	64 64		64
F 4	Wood Block L B	64		96				95 127	127		0 0								12	54 54	0			64
	Cuica Mute B	64				21					0 0									54 54	- 0	64		64
G#4	Cuica Open B Triangle Mute B	64				34	127	127 95	127 127	-	0 0		64						12	54 54	- 0	64 64		64
Δ#4 A 4	Triangle Open B	64			- 1	25 25	127	127	127		0 0	1	64						12	54	- 0	64		64 64
Bb4	Shaker B	64				83		63	127		0 0								12	54	0	64		64
	Jingle Bells B	64				105		127			0 0	i							12	54	- 0	64		64
	Bell Tree B	64		68		64		127	127		0 0								12	54	- 0	64		64
C#5		64				64		127	127		0 0	i							12	54	0	64		64
D 5		64				64	127	127	127		0 0	l i	64						12	54	0	64		64
D#5		64				64		127	127		0 0	i							12	54	- 0	64	64	64
E 5		64		127		64		127	127		0 0	i i	64	64	1 6	4 64		4 64	12	54	0	64	64	64
F 5		64		127		64		127	127		0 0	1	64						12	54	0	64		64
F#5		64	64	127		64	127	127	127		0 0	1	64	64	1 6	4 64	64 6	4 64	12	54	0	64	64	64
G 5		64	64	127	- (	64	127	127	127		0 0		64	- 64	1 6	4 64	64 6	4 64	12	54	- 0	64	64	64

#### Skim Kit

DKIII																					
Note I	instrument	Pitch Coarse	Pitch Fine	Level	lternate roup	Pan	Reverb Chorus Send Send	Variation Key Send Assign		Rcv Note On	LPF Coff Freq.	LPF Reso.	EG Attack	EG Decayl	EG Decay2 EQ Bass Gain		Q Bass EQ Treble	Output Select		Pch LPF	l. Sens. F toff
C#-1 5	Surdo Mute V	64	1 64	102		3 51	95 9:	127	0 (	)	64	64	64	64	64 6		12 4	4	) 64	66	67
	Surdo Open V	64			-	3 51			0 (		64	64					12	4	0 64	66	68
D#-1	·	64	4 64	63	(	51	127 12	127	0 (	) :	64	64	64	64	64 64	64	12 5	4	64	64	64
E-1		64	4 64	127	(	51	127 12	127	0 (	) :	64	64	64	64	64 64	64	12 5	4	64	64	64
F -1		64	4 64		- 4	4 52			0 (	) :	64	64	64	64	64 64	64	12 5	4	64	64	64
F#-1		64	4 64	116	- 4	4 52	63 63	127	0 (	)	64	64	64	64	64 64	64	12 5	14	64	64	64
G -1		64			(	64	75	127	0 (	)	64	64	64	64	64 64	64	12 5	i4	64	64	64
G#-1		64	4 64	127	(	64	127 12	127	0 (	)	64	64	64	64	64 64	64	12 5	i4	64	64	64
A -1		64	4 64	94	(	64	63 63	127	0 (	)	64	64	64	64	64 6	64	12 5	i4	64	64	64
Bb-1		64	4 64	98	(	64		127	0 (	)	64	64	64	64	64 6	64	12 5	i4	64	64	64
B -1		64	4 64	92	(	64	127 12	127	0 (	)	64	64	64	64	64 6	64	12 5	i4	64	64	64
C 0		64			(			127	0 (	)							12 5			64	64
C#0 I	Brush Tap V	64		49	(	64			0 (	) :	64	64	64	64			12 5	i4	64	66	66
	Brush Swirl V	64			(				0 1		64	64					12 5			64	65
	3rush Slap V	64			(				0 (	) :							12 5			66	65
	Brush Tap Swirl L	64			(	64	127 12	127	0 1	1	64	64					12 5			64	64
	Snare Roll V	64			(			127	0 1	1	64	64		64			12 5			66	66
	Castanet Sk	64			(				0 (								12 5		64	64	64
	Snare Dry Q	64			(				0 (	) :	64	64					12 5			64	6
G#0		64			(				0 (	)							12 5			64	6
	Kick Dry Soft HPF	64			(	) 64			0 (	1	64						12 5			64	64
	Open Rim Shot Dry HPF	64	4 64	119	(	) 64		127	0 (	1	64	64		64			12 5			64	66
	Kick Dry Tight Q	64			(				0 (	)							12 5			65	6
	Cick Dry Mute HPF	64				63			0 (	1	64	64					12 5		0 64	64	69
	Side Stick Dry Q	64			(				0 (	] ]	64						12 5			64	64
	Snare Dry H	64			(	64			0 (	] ]	64	64					12 5		64	64	6
D#1 I	Hand Clap Sk	64			(				0 (	1 1	64	64					12 5			64	64
	Snare Dry Mute Q	64			(				0 (	) :	64						12 5			64	64
	Floor Tom L Short Sk	64			(				-	,										64	64
	Hi-Hat Closed H	6				77	32 3	127	0 (	3	64	64					12 5			64	64
	Floor Tom H Short Sk	64			(				0 (	,	64										64
	Hi-Hat Pedal H	64		91		1 77	32 32	127	0 (	)	64	64					12 5			64	64
AII	ow Tom Short Sk								0 (	1	- 04						12 :				64
	Hi-Hat Open H	64				1 77				) !	64	64								64	64
	Mid Tom L Short Sk	64			(				-			64					12 5			64	64
	Mid Tom H Short Sk	6			(				0 (								12 5			64	64
	Crash Cymbal 1 Q	64			- (	0 69			0 (	) :	64 64	64					12 5		0 64	64 64	64 64
D#2 I	ligh Tom Short Sk Ride Cymbal 1 Sk	66			-				0 (			64					12 .			64	65
E 2 (	Chinese Cymbal HPF	64			- (				0 (								12 5			64	64
	Ride Cup Q	64			(				0 (								12 5			64	64
	Tambourine Q	64			-	0 64			0 (	)	64	64					12 5		0 64	64	64
	Splash Cymbal H	64		127	-			127	0 (	)	64	64					12			64	64
G#2 C	Cowbell HPF	64			-	77			0 (								12 5	4		64	64
	Crash Cymbal 2 Dark	64			-	51			0 (								12 5			64	64
Bb2		64			(				0 (	) ]	64						12 5			64	64
B 2 I	Ride Cymbal 2 Q	64		122	(	) 46			0 (	) ]	64	64	64	64	64 64	64	12 5	4	64	64	64
C 3	Bongo H HPF	64	4 64	110	(	114			0 (	) ]	64	64	64	64	64 64	64	12 5		64	64	64
C#3 I	Bongo L HPF	64	4 64	87	(	114	95 93	127	0 (	) ]	64	64	64	64	64 6	64	12 5	4	64	64	64
D 3	Conga H Mute HPF	64				39			0 (	) ]		64					12 5		64	64	64
	Conga H Open HPF	64			(				0 (	) ]							12 5			64	64
	Conga L HPF	64		115	(				0 (	) ]							12 5			64	64
F 3	Timbale H HPF	64			(	<i>y</i>			0 (	) 1	64	64					12 5			64	64
	Timbale L HPF	64			(				0 (	) 1							12 5			64	64
G 3	Agogo H HPF	64				34			0 (	) 1	64	64					12 5		64	64	64
G#3 /	Agogo L HPF	64			(				0 (	) 1		64					12 5		0 64	64	64
	Cabasa BPF	64			(	,			0 (	1 1	64						12 5			64	64
	Maracas L	6			(	21			0 (	) 1	64						12 5		0 64	64	64
	Samba Whistle H BPF	64			(				0 1		- 04	64								64	64
	Samba Whistle L BPF	64										64								64	64
C#4 D 4		64			(				0 (								12 5			64	64
D 4 D#4		64			- (	0 64			0 /		64						12 5			64	64
D#4 E 4		64							0 (	3	64	64					12 5			64	64
F 4		66			- (				0 (	) !							12 :			64	64
F#4		64			- (				0 (								12 :			64	64
	Cuica Open H	64			- 4				0 (								12 5			64	64
G#4	unea Open at	64		127	-	2 25			0 (		64	64					12 .		) 64	64	64
A 4		64							0 (	) .							12 5			64	64
Bb4		64			-				0 (	,							12			64	64
B 4		64				0 105			0 (	) 1	64	64					12 5			64	64
C 5		64			(				0 (			64					12 5			64	6
C#5		64			(				0 (								12 5			64	6
D 5		64		127	(				0 (	)	64	64					12 5			64	6
D#5		64			(				0 (	)							12 5			64	6
E 5		64	4 64	127	(	64	127 12	127	0 (	) ]	64	64	64	64	64 6	64	12 5	4	64	64	6
F 5		64	4 64	127	(	64			0 (	) ]	64	64		64	64 6	64	12 5	4	64	64	64
F#5		64	4 64		(	64	127 12	127	0 (	) ]	64	64	64	64	64 6	64		i4	64	64	64
G 5		64	4 64		(	64			0 (	) 1	64	64	64	64	64 64	64	12 5	4	64	64	64

Slim	V:4
SIIIII	MIL

SIIII KII																							
Note Instrument		Pitch	Pitch Fine	Level	Alternate	Pan	Reverb Chor		Variation Key			LPF Coff		EG Attack	EG Decay1	EG EQ Bass	EQ Treble	EQ Bas	EQ Treble	Output	HPF Cutoff	Vel. Sens.	Vel. Sens.
		Coarse			Group		Send Send		Send Assign	Off	On	Freq.	Reso.	Rate	Rate	Rate	Gain	Freq	Freq.	Select	Freq.	Pch.	Cutoff
C#-1 Surdo Mute V		64				3 51		95	127	0 0	1	64		6	6	64 6			12 5	4 (	64	66	
D -1 Surdo Open V		64				3 51		95		0 0		64	64						12 5			66	
D#-1		64				0 51		127		0 0		64	64						12 5			64	
E-1 F-1		66				4 52		127		0 0		64	64						12 5			64	
F#-1		64				4 52		63		0 0		64	64						12 5			64	
G-1		66				0 64		0.0		0 0									12 5			64	
G#-1		64	4 64			0 64	127	127		0 0		64	64	6	6	64 6	1 6	54	12 5	4 (	64	64	
A -1		64				0 64		63		0 0	1	64	64	6	6	64 64	1 6		12 5	4 (	64	64	
Bb-1		64				0 64		63		0 0	1								12 5			64	
B -1		64				0 64		127	127	0 0	1	64							12 5			64	
C 0		64				0 64		127	127	0 0	1								12 5			64	
C#0 Brush Tap V		64				0 64		127		0 0	1	64	64						12 5			66	
D 0 Brush Swirl V D#0 Brush Slan V		64				0 64		127		0 1		64	64						12 5			64 66	
E 0 Brush Tap Swirl L		64				0 64		127	127	0 0		64	64						12 5			64	
F 0 Snare Roll V		64				0 64		127		0 1	- 1	64	64						12 5			66	
F#0 Castanet H		64				0 64		63		0 0									12 5			64	
G 0 Snare Rough Q		64				0 64		127		0 0		64	64						12 5			64	
G#0 Sticks Q		64		127		0 64		127	127	0 0	1							54	12 5			64	
A 0 Kick Soft Dark		64	4 64			0 64		32		0 0	1	64	64	6			4 6	54	12 5	4 (		64	4 64
Bb0 Open Rim Shot Sl		64	4 64	119		0 64		127		0 0	1	64	64		6	64 6			12 5			64	
B 0 Kick Tight Short L		64				0 64		32		0 0	1								12 5			70	
C 1 Kick Short Dark		64				0 64		32		0 0		64	64						12 5			64	
C#1 Side Stick Q		6				0 64		127		0 0	1	64						54	12 5			64	
D 1 Snare Short HPF		64				0 64		127	127	0 0	1	64	64						12 5			65	
D#1 Hand Clap Dark		64				0 64		127		0 0		64	64						12 5			64	
E 1 Snare Tight Mute F 1 Floor Tom L Tight		64				0 64		127		0 0	-	64							12 5			64	
F#1 Hi-Hat Closed L Q		64				1 77		32		0 0		64							12 5			64	
G 1 Floor Tom H Tight		64				0 39		127	127	0 0		64	64						12 5			64	
G#1 Hi-Hat Pedal Q		64				1 77		32		0 0	1	64	64			64 6	1 6		12 5	4 (	64	64	
A 1 Low Tom Tight		64				0 52		127	127	0 0	- 1	64						54	12 5			64	
Bb1 Hi-Hat Open Q		64	4 64	124		1 77		32	127	0 0	1	64	64	6	6	64 64	1 6	54	12 5	4 (	64	64	4 64
B 1 Mid Tom L Tight		64	4 64	112		0 64		127		0 0	1	64	64	6	6	64 64	4 <i>e</i>		12 5	4 (	64	64	
C 2 Mid Tom H Tight		64				0 83		127		0 0	1								12 5			64	
C#2 Crash Cymbal 1 L		64				0 69		127	127	0 0	1	64							12 5			64	
D 2 High Tom Tight		64				0 101		127		0 0	1		64						12 5			64	
D#2 Ride Cymbal 1 L		64						127		0 0			64						12 5			64	
E 2 Chinese Cymbal L F 2 Ride Cymbal Cup L		64				0 34		127 127		0 0									12 5			64	
F#2 Ride Cymbai Cup L		64				0 64		63	127	0 0		64	64						12 5			64	
G 2 Splash Cymbal L Sho	t	64				0 64		127		0 0		64	64					54	12 5			64	
G#2 Cowbell Dark		64	4 64			0 77		63		0 0	- 1	64	64	6	6	64 64	1 6		12 5	4 (	64	64	
A 2 Crash Cymbal 2 L		64	4 64	127		0 51	127	127	127	0 0	- 1	64	64	6	6	64 64	1 6	54	12 5	4 (	64	64	4 64
Bb2		64				0 25		127		0 0	1								12 5			64	
B 2 Ride Cymbal 2 L		64				0 46		127		0 0	1	64	64						12 5			64	
C 3 Bongo H V		64				0 110		95		0 0	1	64	64						12 5			65	
C#3 Bongo L V		64				0 110		95		0 0									12 5			65	
D 3 Conga H Mute V		64				0 39		127		0 0	1		64						12 5			65 65	
D#3 Conga H Open V E 3 Conga L H		64				0 25		95		0 0									12 5			64	
F 3 Timbale H V		64				0 64		127		0 0		64	64						12 5			65	
F#3 Timbale L V		64				0 64		127		0 0	1								12 5			66	
G 3 Agogo H V		64	4 64	108		0 34		100		0 0	1	64	64	6	6	64 64	4 6		12 5	4 (	64	65	
G#3 Agogo L V		64				0 34		100		0 0	1		64						12 5			65	
A 3		64				0 28		63		0 0	1	64							12 5			64	
Bb3 Maracas Q		64				0 21		63	127	0 0	1	64							12 5			64	
B 3 Samba Whistle H V		64				0 101	127	127	127	0 1	1	- 04	64						12 5			65	
C 4 Samba Whistle L V		64				0 101		127		0 1	1		64						12 5			65	
C#4 D 4		64				0 95		63		0 0									12 5			64	
D#4		64				0 110		95	127	0 0	-	64							12 5			64	
E 4		64				0 104		95		0 0		64	64						12 5			64	
F 4		64				0 104		95		0 0	1								12 5			64	
F#4		64				0 21		127		0 0									12 5			64	
G 4 Cuica Open H		64				4 34	127	127	127	0 0	1	64							12 5			64	4 64
G#4		64				2 25	95	95	127	0 0		64	64					54	12 5		64	64	
A 4		64				2 25		127		0 0	1	- 01							12 5			64	
Bb4		64				0 83		63		0 0									12 5			64	
B 4		64				0 105		127		0 0	1		64						12 5			64	
C 5 C#5		64				0 64		127		0 0	- 1		64						12 5			64 64	
C#5 D 5		64				0 64		127		0 0	1	64	64						12 5			64	
D#5		66				0 64		127		0 0									12 5			64	
E 5		64				0 64		127		0 0		64	64						12 5			64	
F 5		64				0 64		127		0 0	l i	64	64						12 5			64	
F#5		64				0 64		127		0 0	1	64							12 5			64	
G 5		- 64	4 64			0 64		127	127	0 0	1	64	64	6	6	64 6	1 6	54	12 5	4 (	64	64	4 64

Ros	ue Kit																							
Г		Pitch			Alternate		Reverb	Chorus	Variatio	n Key	Rcv Note	Rcv Note	LPF Coff	LPF	EG	EG	EG EQ Bass	EQ	EQ Bass	EQ	Output	HPF	Vel. Sens.	Vel. Sens.
Note	Instrument	Coarse	Pitch Fine	Level	Group	Pan	Send	Send	Send	Assign	Off	On	Freq.	Reso.	Attack Rate	Decay1 Rate	Decay2 Gain	Treble Gain	Freq	Treble	Select	Cutoff	Pch.	LPF
C#-1	Surdo Mute V	64				3 51		95 95			0 0		64							12 5		) 64		
	Surdo Open V	64				3 51		95 95			0 0		V-F							12 5				
D#-1 E -1		64				0 51					0 0		64 64							12 5				
F -1		64				4 52		53 63			0 0									12 5				
F#-1		64				4 52		53 63			0 0		64							12 5				
G -1		64				0 64	1	75 (	12		0 0	1				6	64 6	4 6		12 5	4 (		4 64	64
G#-1		64				0 64					0 0	1	64	64						12 5				
A -1		64		9		0 64	1 1	53 63	3 12	27	0 0	1	64	64						12 5				
Bb-1 B-1		64				0 64		53 63 27 127			0 0	1	64 64	64						12 5 12 5				
C 0		64				0 64					0 0									12 5				
C#0	Brush Tap V	64			19	0 64				27	0 0	1	64	64			64 6	1 6	4	12 5	4 (	0 64	1 66	
D 0	Brush Swirl V	64	4 64	4		0 64	13	27 127			0 1				64	6	64 6			12 5				65
	Brush Slap V	64	1 64			0 64	1:	27 127			0 0			64		6	64 6	1 6	4	12 5			1 66	65
	Brush Tap Swirl L Snare Roll V	64				0 64					0 1	1	64	64						12 5 12 5				
	Castanet H	64				0 64		53 63			0 0	1								12 5				
	Snare Brass Soft	64				0 64					0 0			64						12 5		0 64		
G#0		64				0 64					0 0	1	64	64	64	6	64 6	1 6		12 5		64	4 64	64
	Kick Soft 2	64		12	27	0 64		32 32		27	0 0	1	64	64						12 5				64
	Open Rim Shot 2	64				0 64		27 127			0 0	1	64	64						12 5				
	Kick Dark 2	64				0 64		32 32 32 32			0 0	1	64							12 5- 12 5-			1 70 1 64	
	Kick Tight 4 Side Stick Tight	64				0 63					0 0	1	64							12 5				
	Snare Snappy Short	64				0 64					0 0	1	64	64						12 5				
D#1	112	64				0 64		27 127			0 0	1	64	64						12 5				
	Snare Brass Hard	64				0 64					0 0	1	64	64						12 5				
	Floor Tom L Tight	64				0 24					0 0	1	64	64						12 5				
F#1	Hi-Hat Closed 3	64				1 77 0 39		32 32 27 127			0 0	1	64	64						12 5				
	Floor Tom H Tight Hi-Hat Pedal 3	64			01	0 39 1 77		32 32			0 0		64	64						12 5				
	Low Tom Tight	64				0 52					0 0									12 5				
	Hi-Hat Open 3	64			12	1 77		32 32	12	27	0 0	1	64	64			64 6	1 6		12 5				
B 1	Mid Tom L Tight	64				0 64					0 0	1	64							12 5		0 64		
	Mid Tom H Tight	64				0 83					0 0	_	64							12 5				
	Crash Cymbal 3	64				0 69					0 0	1	0.4							12 5				
	High Tom Tight	64				0 101					0 0	1	64	64						12 5				
E 2	Ride Cymbal 3 Chinese Cymbal 2	64		12		0 34	1 1	27 127	7 12	27	0 0	1	64	64						12 5				65
	Ride Cymbal Cup 2	64				0 46					0 0									12 5				
F#2		64			16	0 64	1	53 63	12	27	0 0	1	64	64					4	12 5	4 (			
G 2	Splash Cymbal V	64				0 64			7 12		0 0	1	64	64						12 5			4 65	
	Cowbell Mid	64				0 77		53 63			0 0									12 5		) 64		
Bb2	Crash Cymbal 4	64				0 51 0 25					0 0									12 5				
	Ride Cymbal 4 O	64				0 46					0 0	i	64	64						12 5				
	Bongo H V	64				0 110		95 95			0 0	1								12 5				
C#3	Bongo L V	64				0 110		95 95			0 0	1	64	64						12 5				
	Conga H Mute 2	64				0 39					0 0	1								12 5				
D#3	Conga H Open 2	64				0 25		27 127		2/	0 0	1	64	64						12 5				
	Conga L 2 Timbale H V	64				0 64					0 0									12 5				
	Timbale L V	64				0 64					0 0									12 5				
	Agogo H V	64				0 34	10				0 0	1	64	64						12 5				
G#3	Agogo L V	64	4 64	10	08	0 34	10	00 100	) 12	27		1	V-F	64	64	6	64 6	1 6	4	12 5			4 65	64
A 3		64				0 28		63 63			0 0	1	64	64						12 5				
	Maracas Q	64				0 21		63 63 27 127			0 0	1		64						12 5				
	Samba Whistle H V Samba Whistle L V	64				0 101					0 1		64 64	64						12 5				
C#4	Damou matte L. v	64				0 95		53 63			0 0	1		64						12 5				
D 4		64				0 110		53 63			0 1	1								12 5				64
D#4		64	4 64	8	38	0 64	1 9	95 95	12	27	0 0								4	12 5	4 (			64
E 4		64				0 104		95 95			0 0		64							12 5				
F 4		64				0 104		95 95			0 0									12 5				
F#4 G 4	Cuica Open H	64				0 21 4 34		27 127 27 127			0 0	_	64							12 5				
G#4	сика Орен П	64		12	27			95 95	12	27	0 0	1	64	64						12 5				
A 4		64	4 64	12	27	2 25 2 25		27 127	12	27	0 0	1	64	64	64	6	64 6	1 6	4	12 5	4 (	) 64	4 64	64
Bb4		64	4 64	10	)6	0 83	5 (	53 63	3 12	27	0 0	1	64	64					4	12 5		64	4 64	64
B 4		64				0 105					0 0	1		64						12 5				
C 5		64			58	0 64					0 0	1	64	64						12 5				
C#5 D 5		64				0 64					0 0	1	64 64	64						12 5		5	1 64 1 64	
D#5		64				0 64					0 0									12 5				
E 5		64				0 64					0 0									12 5	4 (	) 64		
F 5		64	4 64	10	27	0 64	13	27 127	12	27	0 0	- 1	64	64	64	6	64 6	4 6	4	12 5	4 (	0 64	4 64	64
F#5		64				0 64					0 0									12 5	4 (	0 64		64
G 5		64	1 64	12	27	0 64	1:	27 127	12	27	0 0	1	64	64	64	6	64 6	1 6	4	12 5	4 (	) 64	1 64	64

### Hob Kit

		Pitch			Alternate		Reverb	Chorus	Variation	Key	Rcv Note	Rcv Note	LPF Coff	LPF	EG	EG	EG EQ Ba		Q EQ Bass	EQ	Output	HPF	Vel. Sens.	Vel. Sens.
Note I	nstrument	Coarse	Pitch Fine	Level	Group	Pan	Send	Send	Send	Assign	Off	On	Freq.	Reso.	Attack	Decay1 Rate	Decay2 Gain	T	reble Freq	Treble	Select	Cutoff	Pch.	LPF Cutoff
	urdo Mute V	64			02	3 51		95	127		0	1	64	64		64		64		2 5		64	66	67
	Surdo Open V	64			21	3 51		95 95	127		0 0	1	V-1					64		2 5				
D#-1 E -1		64			63 27	0 51			127		0	I	64 64	64				64		2 54	1 0		64	
F-1		64				4 52		53 63	12			1	64	64				64		2 54	1 0		64	
F#-1		64	4 64		16	4 52	2 (	53 63	127	7 (	0	1	64	64	6	64	64	64	64 1	2 54	(	64	64	
G -1		64				0 64	1 3	75 0	127	7 (		1	64	64				64	64 1	2 5				64
G#-1 A -1		64				0 64		27 127 53 63	127			1	64					64		2 54	l (		64	
Bb-1		64				0 64		53 63	12			1						64		2 54				
B -1		64				0 64			127	7 (		1	64	64				64		2 54				64
C 0		64				0 64							64					64		2 54				
	Brush Tap V Brush Swirl V	64				0 64			127		0 0	1	64 64					64		2 54				
	Brush Slap V	64				0 64		27 127	127	7 (	0 0	1		64				64	64 1	2 54			66	
	Brush Tap Swirl L	64	4 64			0 64	12	27 127	127	7 (	1	1	64	64	6	64		64		2 54			64	64
FO S	Finance Roll V Castanet H	64				0 64		27 127	127	7 (		1	64	64				64		2 54				66
	astanet H nare Brass Soft H	64			18	0 64			12		0 0	1	64 64	64				64		2 54	1 0			
G#0	mare Diagram (Oct. 11	64			27			27 127	127	7 (	0 0	1	64	64				64		2 5			64	
A 0	Cick Soft 2 H	64	4 64		27	0 64	3	32 32	127	7 (					6	64	64	64	64 I	2 54				64
	Open Rim Shot H Short 2	64				0 64						1	04					64		2 54				
	Cick Dark 2 H Cick Tight 4 H	64			22 27	0 64		32 32 32 32	127			1	64 64	64				64	64 I	2 54	i (		65	
	ide Stick Tight H	64			27	0 64			127			1	64	64				64		2 5			64	
D 1 S	inare Snappy Short H	64	4 64		27	0 64	12	27 127	127	7 (	, ,	1	64	64	6	64	64	64	64 1	2 54		64	64	64
D#1		64				0 64						1	64					64		2 54				
	nare Brass Hard H loor Tom L Tight H	64			27	0 64			127		0 0	1	64	64				64	64 I	2 54			64	
	Hi-Hat Closed 3 H	64			08	1 77		32 32			0 0	1	64	64				64		2 54				
	loor Tom H Tight H	64				0 39					0	1						64		2 54				
	li-Hat Pedal 3 H	64			91	1 77		32 32				1	64					64		2 54				
	ow Tom Tight H	64			12	0 52		27 127 32 32	127			1	64 64	64				64		2 54	1 0			
	H-Hat Open 3 H Mid Tom L Tight H	64			12	0 64			12			i	64					64		2 5				
	Aid Tom H Tight H	64				0 83	12	27 127				1						64		2 54			64	
C#2 C	Crash Cymbal 3 H	64				0 69						1		64				64		2 54	(		64	
	ligh Tom Tight H	64				0 101												64		2 54				
	Ride Cymbal 3 H Thinese Cymbal 2 H	64			20	0 34			127		) 0	- 1	64					64		2 54				
F 2 F	tide Cymbal Cup 2 H	64	4 64	1	27	0 46	5 12	27 127	127	7 (		1	64	64	6	64	64	64	64 1	2 54		64	64	64
	ambourine H	64				0 64		53 63										64		2 5	(		64	
	plash Cymbal H Cowbell H	64				0 64		27 127	127									64		2 54				
	Crash Cymbal 4 H	64			27	0 51			127		0 0	1	64	64				64		2 5	1 0			
Bb2		64	4 64		06	0 25	12	27 127	127	7 (		1	64	64	6	64	64	64	64 I	2 54			64	64
	Ride Cymbal 4	64				0 46						1						64		2 54				
	Bongo H V Bongo L V	64				0 110		95 95 95				1		64				64		2 56	1 0		65	
	Conga H Mute 2 H	64				0 39						1						64		2 5				
D#3 C	Conga H Open 2 H	64	4 64	1	07	0 25	12	27 127	127	7 (	0	1	64	64	6	64	64	64	64 I	2 54	(	64	64	64
E 3 C	Conga L 2 H	64				0 64		95										64		2 54				
	imbale H V	64				0 64												64		2 5				
G 3	Agogo H V	64			08	0 34			127		0 0	1	64	64				64		2 54			65	
G#3 A	Agogo L V	64	4 64		08		10	00 100	127	7 (		- 1	64	64				64	64 1	2 54			65	64
A 3		64				0 28		53 63	127			1	64					64		2 54			64	
	Maracas Q Samba Whistle H V	64				0 21		53 63 27 127				1		64				64		2 54	1 0		64	
C 4 S	amba Whistle L V	64				0 101						1						64	64 1					
C#4		64			24	0 95	5 (	53 63	127	7 (	0	1	64					64		2 54				64
D 4 D#4		64				0 110	) (	53 63 95 95	127	7 (		1		64				64		2 54	, c		64	
D#4 E 4		64				0 64		95 95 95										64		2 54				
F 4		64				0 104		05 95	127									64		2 54				
F#4		64	4 64		97	0 21	12	27 127	127	7 (	0	1	64	64	6	64	64	64	64 1	2 54	(	64	64	64
G 4 C	Cuica Open H	64			94	4 34		27 127	127			1	64	64				64		2 54			64	
G#4 A 4		64			27 27	2 25		95 95 127						64				64		2 54	l C		64	
Bb4		64				0 83		53 63	127		_	1		64				64		2 5				
B 4		64	4 64		23	0 105	5 12	27 127	127	7 (	0	1	64	64	6	64	64	64	64 I	2 54	i (	64	64	64
C 5		64			68		12	27 127	127	7 (		1	64					64	64 1					
C#5 D 5		64				0 64			127			1		64				64		2 54			64	
D#5		64				0 64								64				64		2 5				
E 5		64			27	0 64	12	27 127	127	7 (	0	- 1				64	64	64	64 I	2 54			64	64
F 5		64			27	0 64		27 127	127	7 (		1	64	64				64		2 54			64	
F#5 G 5		64				0 64		27 127 27 127	127	7 (	0 0	1	64	64				64		2 56			64	
0.0		II 04	- 04			- O-	1 12	12/	12.	1	-1		04	04	1 0	1 04	1 04	.,54	041 1	~  >	1 .	1 04	04	04

### Dark Room Kit

Dark Room Kit																					
	Pitch		Alte	mate	Reverb C	horus	Variation Key	Rcv Note	Rcv Note	LPF Coff	LPF	EG	EG	EQ Ba	ss E0		EQ	Output	HPF	Vel. Sens.	Vel. Sens.
Note Instrument	Coarse	Pitch Fine	Level Gro	Pan ip	Send S	end	Send Assign	Off	On	Freq.	Reso.	Attack	Decayl	Decay2 Gain	Ti	reble Freq	Treble	Select	Cutoff	Pch.	LPF
C#-1 Surdo Mute V	6	i4 64	102	3 5	1 95	95	127	0 0		64	64	Rate 64	Rate 64	Rate 64	64 64	ain 64	12 56	1 0	Freq. 64	66	Cutoff 67
D -1 Surdo Open V	6			3 5		95	127	0 0		64	64				64		12 5	1 (			
D#-1	6			0 5		127		0 0		64	64				64		12 54	1 0		64	
E-1	6			0 5		127		0 0		64	64		64		64		12 54			64	
F-1	- 6			4 5		63		0 0		64	64	64	64	64	64		12 54	1 0	64	64	64
F#-1	6			4 5		63		0 0		64	64				64		12 54				
G-1	6		127	0 6		0	127	0 0	1	64	64				64		12 54	1 0	64	64	
G#-1	- 6	4 64		0 6	4 127	127		0 0	1	64	64	64	64	64	64		12 54	4 C	64	64	64
A -1	6			0 6	4 63	63		0 0	1	64	64	64	64	64	64		12 54	1 (	64	64	64
Bb-1	6			0 6		63		0 0	1	64	64	64			64		12 54	1 (	64	64	
B -1	6			0 6		127		0 0	1	64	64				64		12 54			64	
C 0	6			0 6		127	127	0 0	1	64	64				64		12 54			64	
C#0 Brush Tap V	6			0 6		127		0 0	1	64	64				64		12 54			66	
D 0 Brush Swirl V	6			0 6		127		0 1			64				64		12 5			64	
D#0 Brush Slap V E 0 Brush Tap Swirl V	6			0 6		127		0 0			64				64		12 54				
	6							0 1										1 0			
F 0 Snare Roll V F#0	6			0 6		127	127 127	0 0		64	64 64		64		64	64 64	12 54 12 54	1 (		66	
G 0	6			0 6		127		0 0							64		12 54			64	
G#0	6			0 6		127		0 0							64		12 54				
A 0	6			0 6		32		0 0	_		64				64		12 54				
Bb0	6			0 6		127	127	0 0		64	64				64		12 54	1 0		64	
B 0 Kick Dark	6			0 6		32		0 0	-	64	64		64		64		12 5	1 0		64	
C 1 Kick Room Gate	6			0 6		32		0 0							64		12 54			64	
C#1	6			0 6		127		0 0							64		12 54			64	
D 1 Snare Snappy 2	6			0 6		127		0 0			64				64		12 5				
D#1	6			0 6	4 127	127	127	0 0	i	64					64		12 5	1 0			
E 1 Snare Tight Snappy 2	6			0 6		127		0 0	1		64				64		12 5			64	
F 1 Tom Room 1 Q	6			0 2		127		0 0	1	64	64		64		64		12 54	4 C		64	
F#1 Hi-Hat Closed Q	6	i4 64	100	1 7	7 32	32	127	0 0	1	64	64	64	64	64	64	64	12 54	1 0	64	64	64
G 1 Room Tom 2 Q	6	i4 64	127	0 3	9 127	127	127	0 0	- 1	64	64	64	64	64	64	64	12 54	1 (	64	64	64
G#1 Hi-Hat Pedal Q	6	i4 64	92	1 7	7 32	32		0 0	1	64	64	64	64	64	64	64	12 54	1 (	64	64	64
A 1 Room Tom 3 Q	6	4 64	117	0 5		127	127	0 0	1	64	64	64	64	64	64		12 54	\$ C	64	64	64
Bb1 Hi-Hat Open L	6			1 7	7 32	32	127	0 0	1	64	64				64	64	12 54	\$ C		64	64
B 1 Tom Room 4 Dark	6	i4 64	121	0 6	4 127	127	127	0 0	1	64	64	64	64	64	64	64	12 54	1 (	64	64	64
C 2 Tom Room 5 L Dark	6			0 8		127		0 0	1		64				64		12 54				
C#2	6			0 6		127	127	0 0	1	64	64	64	64	64	64		12 54	1 (	64	64	64
D 2 Tom Room 6 L Dark	6		124	0 9		127	127	0 0	1	- 04	64				64	64	12 54			64	
D#2 Ride Cymbal 1 V	6			0 3		127		0 0	1	64	64		64		64		12 54	,		64	
E 2 Chinese Cymbal V	6			0 3		127		0 0	1	64	64				64		12 54			71	
F 2	6			0 4		127		0 0	1		64				64		12 54				
F#2	6		116	0 6	4 63	63	127	0 0	1	64	64				64		12 54		64	64	
G 2 Splash Cymbal V	6			0 6		127		0 0	1		64		64		64		12 54			65	
G#2	6			0 7		63		0 0	1		64				64		12 54			64	
A 2 Crash Cymbal 2 V Bb2	6			0 5	1 127 5 127	127	127 127	0 0	1		64 64			64	64		12 54			65	
	6			0 2		127	127	0 0	1		64		64		64		12 54	1 0			
B 2 Ride Cymbal 2 V C 3 Bongo H V	6			0 11		95		0 0		64	64		64		64		12 54	1 0		65	65
C#3 Bongo L V	6			0 11		95		0 0			64				64		12 54			65	
D 3 Conga H Mute V	6			0 3		127		0 0			64				64		12 54				
D#3 Conga H Open V	6			0 2		127		0 0			64				64		12 54				
E 3 Conga L V	6			0 6		95	127	0 0	<del>                                     </del>	64	64				64		12 54			65	
F 3 Timbale H V	6			0 6		127	127	0 0	1		64				64	64	12 54			65	
F#3 Timbale L V	6			0 6		127		0 0	i i	64	64				64		12 5	1 0		66	
G 3 Agogo H V	6			0 3		100	127	0 0	1	64	64				64	64	12 54	4 C		65	
G#3 Agogo L V	6			0 3		100		0 0	1	64					64		12 54			65	
A 3	6	i4 64	90	0 2	8 63	63	127	0 0	1	64					64	64	12 54				64
Bb3	6			0 2		63		0 0	1	64	64				64		12 54				
B 3 Samba Whistle H V	6			0 10		127		0 1	1	64	64				64		12 54			65	
C 4 Samba Whistle L V	6			0 10		127		0 1	1		64				64		12 54			65	
C#4	6			0 9		63		0 0	1		64				64		12 54			64	
D 4	6			0 11		63		0 1	1	64	64				64		12 54	1 (		64	
D#4	6			0 6		95		0 0		- 04	64				64		12 54			64	
E 4	6			0 10		95		0 0	1		64				64		12 5			64	
F 4	6			0 10		95		0 0			64				64		12 54			64	
F#4 Cuica Mute V	6			0 2		127		0 0	1		64				64		12 54				
G 4 Cuica Open V	6			0 3	4 127	127	127	0 0	1	64					64		12 54	1 C			
G#4	6	4 64		2 2		95		0 0	1		64	64	64	64	64		12 54			64	64
A 4	6			2 2		127		0 0	1		64				64		12 54			64	
Bb4	6			0 8		63		0 0	_		64				64		12 54			64	
B 4	6			0 10		127		0 0	1		64				64		12 54			64	
C 5	6			0 6		127 127		0 0		64	64 64				64		12 54			64 64	
D.5	6			0 6		127		0 0			64		64		64		12 54	1 0		64	
D#5	6			0 6		127			+	64	64				64		12 54			64	
E 5	6			0 6		127		0 0	1		64				64		12 54				
F 5	6			0 6		127	127	0 0		64	64		64		64		12 54		64	64	
F#5	6			0 6		127	127	0 0			64		64		64		12 54			64	
G 5	6			0 6		127		0 0		64	64				64		12 5			64	
0.7		04	127	91 6	127	12/	127	· ·	9 .	1 04	04	1 04	04	04	.,-	04			1 04	04	04

Rock Kit 2

ROOK ILK 2	_	_		_			_			_							_		_				
	Pitch			Alternate		Reverb	Chorus	Variation	Key	Rcv Note	Rev Note	LPF Coff	I PF	EG	EG	EG EQ Bas	s EQ		EQ	Output	HPF	Vel. Sens.	Vel. Sens.
Note Instrument	Coarse	Pitch Fine	Level		Pan	Send	Send	Send		Off	On		Reso.	Attack	Decayl	Decay2 Gain	Tre		Treble	Select	Cutoff	Pch.	LPF
	Coarse			Group		senu	Sena	senu	Assign	Oli	Oii	Freq.	Reso.	Rate	Rate	Rate	Go	Freq	Freq	Select	Fred	PCII.	Cutoff
C#-1 Surdo Mute V	64	4 64		102	3 51	9	5 95	127		0 0	1	64	64	64		1 64	64	64 1	2 56		64	66	67
	66				3 51					0 0	1						64						
D -1 Surdo Open V				121				127	(	0	1	U-F											
D#-1	64			63 (	0 51			127	(	0 0	1	64	64				64	64 1					
E-1	64	4 64		127	0 51	12	7 127	127	(	0 0	1	64	64	64	64	64	64	64 1	2 54	1 C	64	64	64
F -1	64	4 64		93	4 52	6	3 63	127	(	0 0	1	64	64	64	64	64	64	64 1	2 54	1 (	64	64	64
F#-1	64	1 64		116	4 52	2 6	3 63	127	(	0 0	1	64	64	66	64	1 64	64	64 1	2 56	1 (	64	64	64
G-1	64				0 64			127			- 1	64	64				64	64 1					
G#-1	66						3 0	127			1						64	64 1	2 56			64	64
					0 64						1	64											
A -1	64	4 64			0 64	6	3 63	127			1	64	64	64	64	4 64	64	64 1		1 C	64	64	64
Bb-1	64	4 64	l l	98	0 64	6	3 63	127	(	0 0	1	64	64	64	64	4 64	64	64 1	2 54	1 C	64	64	64
B -1	64	4 64		92 (	0 64	12	7 127	127	(	0 0	1	64	64	64	64	1 64	64	64 1	2 5	1 C	64	64	64
C 0	64			119 (	0 64					0 0	1	64					64	64 1				64	
C#0 Brush Tap V	64				0 64				(	0 0	- 1						64	64 1				66	
D 0 Brush Swirl V	64				0 64	12	7 127	127	(	0 1	1	64					64	64 1	2 54				
D#0 Brush Slap V	64				0 64	12	7 127	127	(		1		64				64	64 1				66	65
E 0 Brush Tap Swirl V	64	4 64		45 (	0 64	12	7 127	127	(	0 1	1	64	64	64	64	1 64	64	64 1	2 54	1 (	64	64	65
F 0 Snare Roll V	64	4 64		79	0 64	12	7 127	127	(	0 1	1	64	64	64	64	1 64	64	64 1	2 56	1 (	64	66	66
F#0	64	4 64			0 66			127			1					64	64	64 1					64
										0 0	- 1												
G 0 Snare Noisy 5	64			121 (	0 64	12	7 127	127	- (	0	1	64	64				64	64 1				64	
G#0	64			127 (				127	(		1	64	64				64	64 1		1 (		64	64
A 0 Kick Tight 3	64				0 64					0 0	1	64	64	64	64	1 64	64	64 1			64	64	64
Bb0	64	4 64		127	0 64	12	7 127	127	(	0 0	1	64	64	64	64	1 64	64	64 1	2 54	1 (	64	64	64
B 0 Kick 4	64				0 64			127		0 0	1	64	64	64	64	1 64	64	64 1			64	64	64
C 1 Kick Gate 2	64			119 (	0 64			127			i i	64					64	64 1		1 0		64	
											+ - :												
C#1	64			93 (	0 64	12		127			1	64	64				64	64 1		1 0		64	
D 1 Snare Rock 2	64				0 64					0	1	U-F	64				64	64 1				64	
D#1	64	4 64		110	0 64	12	7 127	127	(	0 0	1	64	64	64	64	1 64	64	64 1	2 54	1 (	64	64	64
E 1 Snare Rock Rim Q	64				0 64					0 0	1	64	64	- 64	64	64	64	64 1		1 (	64	64	64
F 1 Tom Rock 1 H	64			123 (	0 24			127		0 0	1	64	64				64	64 1				64	
	64			96	1 77					0 0		64	64				64	64 1				64	
											- 1												
G 1 Tom Rock 2 H	64				0 39						1						64	64 1				64	
G#1 Hi-Hat Pedal 2	64	4 64	· I	92	1 77	3	2 32	127	(	0 0	1	64	64	64	64	64	64	64 1	2 54	\$ C	64	64	64
A 1 Tom Rock 3 L Short	64	4 64		117 (	0 52	12	7 127	127	(	0 0	1	64	64	64	64	1 64	64	64 1	2 54	1 (	64	64	64
Bbl Hi-Hat Open 2	64			96	1 77			127			1	64					64	64 1				64	
B 1 Tom Rock 4 L Short	64				0 64			127			- 1	64					64	64 1		1 0			
											- 1												
C 2 Tom Rock 5 L Short	64						7 127	127				U-F					64	64 1				64	
C#2	64				0 69					0 0	- 1	64	64				64		2 54		64	64	
D 2 Tom Rock 6 L Short	64	4 64		124	0 95	12	7 127	127		0 0	1	64	64	64	64	4 64	64	64 1	2 54	1 C	64	64	64
D#2 Ride Cymbal 1 V	64	4 64		105	0 34	12	7 127	127	(	0 0	1	64	64	64	64	1 64	64	64 1	2 54	1 C	64	64	65
E 2 Chinese Cymbal V	64			120	0 34			127		0 0	1	64					64	64 1				71	66
E 2 Cinnese Cynton V					0 46					0	1									1 0			
	64							127					64				64					64	
F#2	64				0 64												64	64 1				64	
G 2 Splash Cymbal V	64				0 64		7 127			0 0	1	64					64	64 1					
G#2	64	4 64		118	0 77	6	3 63	127	(	0 0	1	64	64	64	64	1 64	64	64 1	2 54	1 (	64	64	64
A 2 Crash Cymbal 2 V	64	4 64		127	0 51	12	7 127	127	(	0 0	1	64	64	64	64	1 64	64	64 1	2 54	1 (	64	65	64
Bb2	64				0 25			127		0 0	1	64	64				64	64 1		1 (		64	64
	64				0 46		7 127				1						64	64 1				65	
C 3 Bongo H V	64				0 110					0	1		64				64	64 1				65	
C#3 Bongo L V	64	4 64	· I	87	0 110	9	5 95	127	(	0 0	1	64	64	64	64	4 64	64	64 1	2 54	1 (	64	65	65
D 3 Conga H Mute V	64	4 64		73 (	0 39	12	7 127	127	(	0 0	1	64	64	64	64	1 64	64	64 1	2 5	1 (	64	65	65
D#3 Conga H Open V	64			89 (	0 25			127		0 0	- 1	64	64				64	64 1		1 (		65	65
E 3 Conga L V	66		1		0 64		5 95				i						64	64 1				65	
F 3 Timbale H V	64				0 64												64	64 1				65	
F#3 Timbale L V	64				0 64				(	0 0	1						64	64 1					
G 3 Agogo H V	64			108	0 34			127	(	0 0	1	64	64				64	64 1				65	
G#3 Agogo L V	64	4 64		108	0 34	10	0 100	127		0 0	1	64	64	64	64	1 64	64	64 1	2 54	1 (	64	65	64
A 3	64				0 28			127		0 0	1						64	64 1				64	
Bb3	64				0 21						-	64	64				64	64 1				64	
B 3 Samba Whistle H V	64				0 101						1						64	64 1				65	
C 4 Samba Whistle L V	64				0 101				(	0 1	1						64	64 1				65	64
C#4	64			124 (	0 95				(	0 0	1	64					64	64 1		4 C		64	
D 4	64	4 64			0 110	) 6	3 63	127	(		1	64	64	64	64	1 64	64	64 1		1 (	64	64	64
D#4	64			88 (	0 64		5 95	127	(	0 0	1		64				64	64 1		1 (		64	
E 4	64				0 104												64	64 1				64	
F4																							
	64				0 104			127	(	0							64						
F#4 Cuica Mute V	64			97 (	0 21			127	(	0	1	64	64				64	64 1				66	
G 4 Cuica Open V	64			107			7 127	127			1	64	64	64			64	64 1				66	
G#4	64			127	2 25		5 95			0 0	1						64	64 1				64	
A 4	64				2 25												64	64 1					
Bb4	64				0 83			127			1						64	64 1				64	
									-	0													
B 4	64			123 (	0 105			127	(	υ 0	1	64					64	64 1		1 (		64	
C 5	64			68		12	7 127	127	(		1	64					64	64 1		1 (		64	
C#5	64	4 64			0 64					0 0	1	64	64	64	64	1 64	64	64 1		1 (	64	64	64
D 5	64	4 64		127	0 64	12	7 127	127	(	0 0	1	64	64	64	64	1 64	64	64 1	2 54	1 (	64	64	64
D#5	64				0 64								64				64	64 1				64	
E 5	64				_												64	64 1					
											1												
F 5	64			127 (	0 64		7 127	127	(		1	64	64				64	64 1				64	64
F#5	64		1 7		0 64	12	7 127	127	(		1						64	64 1				64	
G 5	64				0 64		7 127	127	(	0 0	1	64	64		64	1 64	64	64 1	2 54	1 (	64	64	64

4 1	T7	•
Analog	Kıt	2

Tinding Tin 2		_					_			1						1 - 1	_		_	1			
	Pitch			Alternate		Reverb	Chorus	Variation	Key	Rcv Note	Rev Note	LPF Coff	I PF	EG	EG	EG EQ Bass	EQ	EQ Bass	EQ	Output	HPF	Vel. Sens.	Vel. Sens.
Note Instrument	Coarse	Pitch Fine	Level		Pan	Send	Send	Send	Assign	Off	On		Reso.	Attack	Decayl	Decay2 Gain	Trebl		Treble	Select	Cutoff	Pch	LPF
	Coarse			Group		Schu	SCIRI	Sena	Assign	On	Oli	Freq.	Reso.	Rate	Rate	Rate	Gain	Freq	Freq.	Sciece	Freq.	I CII.	Cutoff
C#-1 Surdo Mute V	64	4 64	10	12	3 51		95	127		0	1	64	64	64	64	64 6	4	64 1	2 54	1 (	64	66	
D -1 Surdo Open V	64				3 51					) 0	1						4		2 5	1 0			
										0	1									1 (			
D#-1	64			53	0 51			127		, ,	- 1	64	64				54						
E-1	64		12		0 51						1	64	64				54		2 5	\$ C		64	
F-1	64				4 52		53 63				1	64					4		2 5			64	
F#-1	64	4 64	11	16	4 52	2 6	53 63	127		0 0	1	64	64	64	64	64 6	54	64	2 54	1 C	64	64	64
G-1	64	4 64	12	27	0 64	1 7	75 0	127	(	0	1	64	64	64	64	64 6	64	64 1	2 54	1 C	64	64	64
G#-1	64			27	0 66		27 127	127			1	64					4		2 54			64	
	64				0 64		53 63	127			- :	64					i4		2 5	1 0		64	
A -1											1												
Bb-1	64				0		53 63				1	U-F					54			,		64	
B -1	64				0 64						1	64	64				4		2 5			64	
C 0	64	4 64	11	19	0 64	1 12	27 127	127		0 0	1	64	64	64	64	64 6	54	64	2 54	1 C	64	64	64
C#0 Brush Tap V	64	4 64	- 4	19	0 64	1 12	27 127	127	(	0	1	64	64	64	64	64 6	4	64 1	2 54	1 (	64	66	66
D 0 Brush Swirl V	64				0 64			127		) 1	1	64					i4		2 54			64	
D#0 Brush Slap V	64				0 64		27 127	12		0 0	i		64				4	64 1	2 5			66	
E 0 Reverse Cymbal	64				0 64		27 127	127			- 1	64	64				54		2 5			64	
											1												
F 0 Snare Roll V	64				0 64			127	(		- 1	64	64			64 6	54		2 54			66	66
F#0 Hi Q 2	64	4 64			0 64					0	1	64	64	64			54		2 5		64	64	
G 0 Snare Analog 3	64	4 64	12	20	0 64	1 12	27 127	127	(	0 0	1	64	64	64	64	64 6	54	64 1	2 54	1 (	64	64	64
G#0	64				0 64		27 127	127	(	0	1	64	64				4		2 5	1 (		64	
A 0 Kick Techno Soft	64				0 64		32 32			0 0	1						4		2 54	1 (		64	
Bb0 Open Rim Shot Dry V	64				0 64												4		2 5			65	
											- 1												
B 0 Kick Techno Tight	64				0 64						1	64	64				4		2 5			64	
C 1 Kick Techno	64				0 64						1	64					4		2 5	\$ C		64	
C#1 Side Stick Analog	64		- 11		0 64						1	64	64				4		2 5	1 (		64	
D 1 Snare Techno	64	4 64	10	)7	0 64	1 12	27 127	127	(	0	1	64	64	64	64	64 6	54	64 1	2 54	1 (	64	64	64
D#1	64				0 64					0	- 1	64	64	64	64	64 6	4		2 54	1 0	64	64	64
E 1 Snare Techno 2	64				0 64							64					i4		2 5			64	
										1 0	- 1												
F 1 Tom Analog 1	64				0 24					0	1	64	64				i4		2 5			64	
F#1 Hi-Hat Closed Analog	64				1 77		32 32				1	64					64		2 5			64	
G 1 Tom Analog 2	64	4 64	11	12	0 39	12	27 127			0 0	1	64	64	64	64	64 6	54	64	2 54	1 C	64	64	64
G#1 Hi-Hat Closed Analog 2	64	4 64	9	91	1 77	7 3	32 32	127		0 0	1	64	64	64	64	64 6	64	64 1	2 54	1 (	64	64	64
A 1 Tom Analog 3	64				0 52					0	- 1	64	64				54	64 1	2 54	1 0	64		
Bb1 Hi-Hat Open Analog	64			26	1 77		32 32				i	64					4		2 5			64	
																			2 54				
B 1 Tom Analog 4	64				0 64						- 1	64					54						
C 2 Tom Analog 5	64				0 83		27 127	127	(			U-F					54		2 5			64	
C#2 Crash Analog	64	4 64	10	)9	0 69	12	27 127	127	(	0 0	1	64	64	64	64	64 6	54	64 1	2 54	\$ C	64	64	64
D 2 Tom Analog 6	64	4 64	10	)9	0 101	1 12	27 127	127		0 0	1	64	64	64	64	64 6	64	64 1	2 54	1 (	64	64	64
D#2 Ride Cymbal 1 V	64	4 64	10	)5	0 34	1 12	27 127	127	(	0	1	64	64	64	64	64 6	4	64 1	2 54	1 C	64	64	65
E 2 Chinese Cymbal V	64				0 34			12		0	1	64					i4		2 54	1 0		71	66
E 2 Climese Cymoni v	64				0 46						1		64				i4		2 54	1 0		64	
								12.															
F#2	64						53 63										4					64	
G 2 Splash Cymbal V	64				0 64					0	1						4		2 5				
G#2 Cowbell Analog	64	4 64	- 11	18	0 77	7 6	53 63	127	(	0 0	1	64	64	64	64	64 6	54	64	2 54	1 C	64	64	64
A 2 Crash Cymbal 2 V	64	4 64	12	27	0 51	1 12	27 127	127	(	0	1	64	64	64	64	64 6	4	64 1	2 54	1 (	64	65	64
Bb2	64				0 25					0 0	- 1	64	64				4		2 5	1 (		64	
B 2 Ride Cymbal 2 V	64				0 46		27 127			0 0	1						4		2 54			65	
	64				0 110						1		64				54		2 5			65	
C 3 Bongo H V																							
C#3 Bongo L V	64				0 110						1		64				54		2 54			65	
D 3 Conga Analog H	64				0 39						1						4		2 5			64	
D#3 Conga Analog M	64			39	0 25		27 127	127			1	64	64				4		2 5	1 (	64	64	
E 3 Conga Analog L	64	4 64	11	15	0 64	1 9	95	127	(	0	1	64	64	64	64	64 6	4	64 1	2 54	1 (	64	64	64
F 3 Timbale H V	64	4 64			0 64						1	64	64	64	64	64 6	4		2 54		64	65	65
F#3 Timbale L V	64				0 64												4		2 54				
G 3 Agogo H V	64		10		0 34					1 0	1	64	64				4		2 54			65	
										1 0													
G#3 Agogo L V	64										1	64	64				i4		2 5			65	
A 3	64				0 28						1						54		2 5			64	
Bb3 Maracas 2	64				0 21		53 63				1	64	64				64		2 5			64	
B 3 Samba Whistle H V	64	4 64	10	)3	0 101					1	1	64	64	64	64	64 6	54	64 1	2 54	1 (	64	65	64
C 4 Samba Whistle L V	64				0 101					) 1	1						i4		2 54			65	
C#4	64				0 95		53 63			1 0	-	64					54		2 5	1 (		64	
D 4	64				0 110		63			1 1	1		64				i4		2 5			64	
	64			88	0 110		05 95	12					64				54		2 5			64	
E 4	64				0 104		95										54		2 5			64	
F 4	64				0 104		95			0	- 1	64					4		2 5		64		
F#4 Scratch H 2	64	4 64	8	39	4 21		27 127			0	1	64	64	64	64	64 6	54		2 54	4 C	64	64	64
G 4 Scratch L 3	64			94 .	4 34					0	- 1	64	64				54		2 54		64	64	
G#4	64				2 25		95 95			) 0	i						4		2 54			64	
A 4	64				2 25								64				54		2 54				
Bb4	64				0 83					0	1		64				4					64	
B 4	64				0 105			127		0	1	64					4		2 54	1 (		64	
C 5	64	4 64	- 6		0 64	1 12	27 127	127	(		- 1	64	64	64	64	64 6	54		2 5	1 (	64	64	64
C#5	64			27	0 64		27 127	127	(	0	1						54	64 1	2 54	1 (		64	
D.5	64	4 64			0 64						1	64	64	64	64	64 6	4		2 54	1 0	64	64	64
D#5	64				0 64								64				4		2 54			64	
E 5	64				0 64						1						4		2 5				
F 5	64		12		0 64		27 127	127	(		1	64	64				4		2 5			64	
F#5	64			27	0 64	12	27 127	127	(		1						4		2 5			64	
G 5	64		12		0 64		27 127	127	(	0	1	64	64		64	64 6	54	64 1	2 54	1 (	64	64	

Dance Kit																						
Note Instrument	itch Coarse	Pitch Fine		Alter		ın	Reverb Send	Chorus Send	Variation Key Send Assign	Rcv Note Off	Rcv Note On	LPF Coff Freq.	Reso.	EG Attack Rate	EG Decay1 Rate	EG Decay2 Rate		EQ EQ Bass Treble Freq	Freq. Select	Freq.	Vel. Sens. Pch.	Vel. Sens LPF Cutoff
C#-1	64			21	3	51		95		0 0	1	64		64			64 64	64 1		0 64	64	6
D+1 D#-1	64			63	- 3	51		127		0 0	1	64					64	64 1		0 64	64	
E-1	64			27	0	51			127	0 0	1	64								0 64	64	
7-1	64			93	4	52	2 63			0 0	1	64					64	64 1		0 64	64	
#-1	64	64	- 1	16	4	52	63	63	127	0 0	1	64	64	64	6	4 64		64 1:		0 64	64	6
3-1	64			27	0	64				0 0	1	64					64	64 1:		0 64	64	
G#-1 A -1	64 64			27 94	0	64				0 0	1	64						64 1:		0 64	64	
3b-1	64			98	0	64				0 0	1	64						64 1		0 64	64	
3 -1	64	64		92	0	64		127	127	0 0	1	64	64	64	6	4 64	64	64 1		0 64	64	6
0.0	64			19	0	64				0 0	1	64								0 64	64	
2#0	64			49	0	64				0 0	1	64					64	64 1:		0 64	64	
D 0 D#0	64 64	64 64		47 52	0	64		127 127	127 127	0 1	1	64 64	64 64	64	6	4 64 4 64	64 64		2 54 2 54	0 64	64 64	6
E 0 Reverse Cymbal	64			00	0	64		127		0 1	i	64						64 1		0 64	64	
70	64			79	0	64		127	127	0 1	1	64	64	64	6	4 64	64	64 1	2 54	0 64	64	
3#0 Hi Q 2	64			27	0	64		63		0 0	1	64					64	64 1:		0 64	64	
G 0 Snare Techno 3	64			20	0	64				0 0	1	64							2 54 2 54	0 64	64	
A 0 Kick Techno Q	64			25	0	64		32		0 0	1	64					64	64 1: 64 1:		0 64	64	
Bb0 Rim Gate	64	64	1	27	0	64		127	127	0 0	1	64	64	64	6	4 64				0 64	64	
3 0 Kick Techno L	64	64	- 1	23	0	64	32	32	127	0 0	1	64	64	64	6	4 64	64	64 1	2 54	0 64	64	6
C 1 Kick Techno 2	64	64	- 1	27	0	64	32	32	127	0 0	1	64	64	64	6	4 64	64	64 I	2 54	0 64	64	
C#1 Side Stick Analog	64			16	0	64		127	127	0 0	1	64					64	64 1		0 64	64	6
D 1 Snare Clap	64 64			27	0	64				0 1	1	64						64 1:		0 64	64	
E 1 Snare Dry 2	64			11	0	64		127	127	0 0	1	64						64 1		0 64	64	6
F 1 Tom Analog 1	64	64	1	27	0	24	127	127	127	0 0	1	64	64	64	6	4 64		64 1	2 54	0 64	64	
#1 Hi-Hat Closed 3	64			68	1	77				0 0	1	64								0 64	64	
G 1 Tom Analog 2	64			12	0	35				0 0	1	64						64 1		0 64	64	
G#1 Hi-Hat Closed Analog 2 A 1 Tom Analog 3	64			91 08	0	77 52			127 127	0 0	1	64	64 64	64	6	4 64 4 64	64	64 1:		0 64	64	6
Bb1 Hi-Hat Open 3	64			58	1	77				0 0	1	64						64 1		0 64	64	
3 1 Tom Analog 4	64			12	0	64		127	127	0 0	1	64		64	6			64 1:		0 64	64	6
C 2 Tom Analog 5	64	64	- 1	09	0	83	3 127	127	127	0 0	1	64	64	64	6	4 64	64	64 1	2 54	0 64	64	6
C#2 Crash Analog	64			09	0	69		127		0 0	1	64								0 64	64	
D 2 Tom Analog 6	64			09	0	101				0 0	1	64								0 64	64	
D#2 E 2	64			05 20	0	34		127 127	127	0 0	1	64		64		4 64 4 64		64 1		0 64	64	
7.2	64			07	0	46		127	127	0 0	1	64	64	64					2 54	0 64	64	6
#2	64	64	- 1	16	0	64	4 63	63	127	0 0	1	64	64	64	6	4 64	64	64 1:	2 54	0 64	64	
3 2	64			27	0	64		127		0 0	1	64					64			0 64	64	
G#2 Cowbell Analog	64			18	0	77 51				0 0	1	64								0 64	64	
362	64 64			06	0	25		127	127 127	0 0	- 1	64						64 1: 64 1:		0 64	64	
3 2	64			10	0	46		127	127	0 0	1	64					64	64 1		0 64	64	6
23	64			10	0	110	95			0 0	1	64					64	64 1:		0 64	64	6
C#3	64			87	0	110				0 0	1	64		64				64 1:		0 64	64	
O 3 Conga Analog H	64 64			89 89	0	35 25		127	127 127	0 0	1	64	64 64	64	6	4 64 4 64	64 64	64 1: 64 1:		0 64	64	6
D#3 Conga Analog M E 3 Conga Analog L	64			15	0	64				0 0	1	64					64			0 64	64	6
F 3	64			91	0	64		127	127	0 0	1	64		64			64	64 1:		0 64	64	6
7#3	64	64		95	0	64	127	127	127	0 0	1	64	64	64	6	4 64	64	64 1	2 54	0 64	64	6
33	64			08	0	34				0 0	1	64								0 64	64	
G#3	64			08	0	34				0 0	1	64								0 64	64	
A 3 Bb3 Maracas 2	64 64		-	90	0	28	63	63		0 0	1	64		64		4 64 4 64	64	64 1: 64 1:		0 64	64	
3 3	64			03	0	101		127		0 1	1	64								0 64	64	1 6
2.4	64	64	1	10	0	101	127	127	127	0 1	1	64	64	64	6	4 64	64	64 1	2 54	0 64	64	6
C#4	64	64	- 1	24	0	95	63	63	127	0 0	1	64	64	64	6	4 64	64	64 1:	2 54	0 64	64	6
0.4	64			06	0	110				0 1	- 1	64						64 1		0 64	64	
D#4 Claves 2	64 64			88 07	0	104	95 95			0 0	1	64 64		64			64	64 1: 64 1:		0 64	64	6
7.4	64			96	0	104				0 0	1	64				4 64	64		2 54	0 64	64	
F#4 Scratch H 2	64			89	4	21		127	127	0 0	1	64		64						0 64	64	
G 4 Scratch L 3	64	64		94	4	34	127	127	127	0 0	1	64	64	64	6	4 64	64	64 1	2 54	0 64	64	6
3#4	64	64	1	27	2	25 25	95	95	127	0 0	1	64	64	64	6	4 64		64 1		0 64	64	6
A 4   Bb4	64 64			27 06	2	25				0 0	1	64 64						64 1: 64 1:		0 64	64 64	
3 4	64			23	0	105				0 0	1	64	64	64	6		64			0 64	64	
2.5	64	64		68	0	64	127	127	127	0 0	i	64	64	64	6	4 64	64	64 1:	2 54	0 64	64	6
C#5	64	64	- 1	27	0	64	127	127	127	0 0	1	64	64	64	6	4 64	64	64 1	2 54	0 64	64	6
05	64			27	0	64		127		0 0	- 1	64					64			0 64	64	6
D#5	64			27	0	64		127 127	127	0 0	1	64					64	64 1		0 64	64	6
E 5	64 64			27	0	64		127	127 127	0 0	- 1	64		64			64 64	64 1: 64 1:		0 64	64	6
					U					9 0												6
7#5	64	64	1 1	27	0	64	127	127	127	0 0	1	64	64	64	6	4 64	64	64 1:	2 54	0 64	64	

Hip	Hot	Kit

Tilp	пор ки																								
Note		Pitch	Pitch Fine	Level	Alternate	Pan	Reverb	Chorus	Variation			Rcv Note			EG Attack	EG Decay1	EG Decay2	EQ Bass	EQ Treble	EQ Bass	EQ Treble	Output	HPF Cutoff	Vel. Sens	Vel. Sens.
		Coarse			Group		Send	Send	Send	Assign	Off	On	Freq.	Reso.	Rate	Rate	Rate	Gain	Gain	Freq	Freq.	Select	Freq.	Pch.	Cutoff
	Surdo Mute V	64	64	102		51				(	0	1	64	64				64	64				64		67
D -1	Surdo Open V	64				51				(		1	64	64								4 (	64		
D#-1		64				51		127	127	(		1	64	64									64		
E -1		64											64	64								4 0			
F-1		64				52				(			64	64											
F#-1 G -1		64		116 127		52 64				(			64	64								4 0			
G#-1		64				64						1	64	64								4 0			
A -1		64										1	64	64											
Bb-1		64								(			64	64											
B -1		64	64			64	127	127	127	(	0 0	1	64								5	4 0			
C 0		64								(	0	1	64	64											
C#0	Brush Tap V	64	64			64		127	127	(		1	64	64	64			64	64			4 (	64		
	Brush Swirl V	64										1	64	64											
	Brush Slap V	64										1	64	64											
E 0	Brush Tap Swirl V	64				64		127		(		1	64	64								4 (	64		
F 0 F#0	Snare Roll V	64		79 127						(		1	64 64	64 64											
	Open Rim Shot 2 Soft	64											64	64											
G#0	Open Kim Snot 2 Soft	64											64	64											
	Kick Dry Soft 2	64				64				(		1	64									4 0			
	Open Rim Shot 2	64		127		64				(		i	64	64											
B 0	Kick Dim	64	64	97		64	32	32	127	(			64	64	64		4 64				2 5	4 0		6.5	65
C 1	Kick Boon	64	64	101		64	32	32	127	(	0	1	64	64	64	64	4 64	64	64	12	2 5	4 0	64	65	65
	Side Stick Dry	64						127				1	64	64											
	Snare Dry Mute	64		127		64				(		1	64	64								4 0			
D#1		64								(			64												
	Snare White	64								(		1	64	64											
	Floor Tom L Short	64				24						1		64											
	Hi-Hat Closed 2 H Floor Tom H Short	64 64				77	32 127	32 127	127 127	(	) 0		64	64 64								4 0			
	Hi-Hat Pedal 2 H	64				77						1	64	64								4 0			
Δ 1	Low Tom Short	64					127					- 1	64	64								4 (			
	Hi-Hat Open 2 L	64				77				(		1	64	64											
	Mid Tom L Short	64				64	127	127		(	0 0	1	64									4 0			
	Mid Tom H Short	64				83				(		1	64	64											
C#2	Crash Cymbal 1 V	64	64	127	0	69	127	127	127	(		1	64	64	64						5	4 (	64		
D 2	High Tom Short	64		116						(			64	64											
D#2	Ride Cymbal 1 V	64											64	64											
	Chinese Cymbal V	64											64	64											
F 2 F#2		64										1	64	64							2 5	4 C			
	Splash Cymbal V	64		116 127		64		63 127		(	) 0	- 1	64	64 64								4 0	0 64		
G#2	Spiasii Cymbai v	64											64												
	Crash Cymbal 2 V	64									0 0		64	64								4 0			
Bb2		64										- 1	64	64											
	Ride Cymbal 2 V	64	64	110		46		127		(	0	1	64	64	64										
C 3	Bongo H V	64		110		110				(		1	64	64											
C#3	Bongo L V	64									0		64	64											
	Conga H Mute V	64								(		- 1	64	64											
	Conga H Open V	64								(			64	64											
	Conga L V	64 64								(			64	64 64											
F#3	Timbale H V Timbale L V	64											64	64											
G 3	Agogo H V	64											64	64											
	Agogo L V	64									0 0		64									4 0			
A 3		64		90		28	63			(			64	64						12	5	4 (			
Bb3		64				21		63	127	(		- 1	64									4 0			
	Samba Whistle H V	64								(		1	64	64											
C 4	Samba Whistle L V	64				101				(		1	64	64								4 0			
C#4		64											64												
D 4		64										1	64	64								4 0			
D#4 E 4		64 64				64 104				(		1 1	64 64	64 64								4 C			
E 4		64											64	64											
F#4	Cuica Mute V	64				21		127					64	64											
	Cuica Open V	64											64	64								4 0			
G#4		64		127		25				(		i	64	64								4 0	0 64		
A 4		64	64	127	2	25	127	127	127	(	0	1	64	64		64	4 64		64	12	2 5	4 0	64	64	
Bb4		64		106	(	83	63	63	127	(	0	1	64	64						12	5	4 0	64	64	
B 4		64				100					0	1	64	64											
C 5		64								(			64	64											
C#5		64											64												
D 5		64		127		64				(			64	64											
D#5 E 5		64 64		127 127		64		127	127 127	(		1	64	64 64									64		
F 5		64						127	127			1	64	64											
F#5		64								(			64	64											
G 5		64				64		127		(		i	64	64								4 0	64		

Jungle Kit																							
Note Instrument	Pitch Coarse	Pitch Fine	Level	Alternate Group	Pan	Reverb Send	Chorus Send	Variation Key Send Assign	Rcv Note Off	Rcv Note On	LPF Coff Freq.	LPF Reso.	EG Attack	EG Decay1 Rate	EG Decay2	EQ Bass Gain		Bass	EQ Treble	Output Select	HPF Cutoff	Vel. Sens. Pch.	Vel. Sens. LPF Cutoff
C#-1 Surdo Mute V	64	6	102	2 3	51	95	95	127	0 0		1 64	64	Rate 6		1 64	64	1 64	12	Freq. 54	1 (	0 64	66	67
D -1 Surdo Open V	64				51			127			1 64							12			0 64		68
D#-1	64				51		127	127			1 64							12			0 64	64	64
E-1	64				51		127	127			1 64							12			0 64	64	64
F-1 F#-1	64				52 52		63	127 ( 127 (			1 64							12			0 64		64
F#-1 G-1	64				64		6.5	127										12			0 64		64
G#-1	64				64		127				1 64							12			0 64	64	64
A -1	64				64		63	127			1 64				1 64			12			0 64		64
Bb-1	64	6	98	3 (	64	63	63	127	0 0		1 64	64	6	4 64	4 64	64	4 64	12	54	1 (	0 64	64	64
B -1	64	6			64	127	127	127										12			0 64		64
C 0	64				64		127		0 0		1 64							12	54		0 64		64
C#0 Brush Tap V	64						127				1 64							12			0 64		66
D 0 Brush Swirl V D#0 Brush Slan V	64				64		127	127			1 64							12			0 64		65 65
E 0 Brush Tap Swirl V	64				64		127	127			1 64							12			0 64	64	65
F 0 Snare Roll V	64	6	75		64	127	127		0 1		1 64			4 64	64			12	54	1 (	0 64	66	66
F#0	64				64		63	127	0 0		1 64	64	6	4 64	4 64	64	4 64	12			0 64	64	64
G 0 Rim Gate 2	64				64		127	127										12			0 64		64
G#0	64				64		127	127		1	1 64							12	54		0 64	64	64
A 0 Kick Cough Bb0 Rim Gate 3	64				64		32 127		0 0	1	1 64							12			0 64	64	64
B 0 Kick Zap	64				64		32	127	0 0	-	1 64							12	54		0 64	64	64
C 1 Kick Dawn	64				64	32	32	127			1 64							12	54		0 64		64
C#1 Side Stick Dry	64		93	6 (	64	127	127	127			1 64							12	54	1 (	0 64		66
D 1 Snare Tin	64	6			64	127	127	127			1 64							12	54		0 64		64
D#1	64				64		127	127			1 64							12	54		0 64		64
E 1 Snare Can	64				64	127	127	127 (			1 64							12	54		0 64	64	64
F 1 Floor Tom L Short F#1 Hi-Hat Closed 2 Soft	64 64				24		127	127 ( 127 (	0 0		1 64							12	54		0 64	66	65
G 1 Floor Tom H Short	64				39		127	127	0 0	-	1 64							12	-		0 64	64	65
G#1 Hi-Hat Pedal 2 Soft	64				77		32	127	0 0		1 64							12	54		0 64	64	64
A 1 Low Tom Short	64				52		127	127	0 0		1 64							12	54		0 64	66	65
Bb1 Hi-Hat Open 2 Soft	64	6	64	1	77	32	32	127	0 0		1 64	64	6	4 64	4 64	64	4 64	12	54	1 (	0 64	64	64
B 1 Mid Tom L Short	64				64		127	127 (			1 64							12			0 64		65
C 2 Mid Tom H Short	64				83		127	127			1 64							12	54		0 64	66	65
C#2 Crash Cymbal 1 V	64				69		127	127			1 64							12			0 64	65	65
D 2 High Tom Short D#2 Ride Cymbal 1 V	64				34		127	127			1 64							12			0 64	64	65
E 2 Chinese Cymbal V	64				34		127	127			1 64							12			0 64	71	66
F 2	64				46		127	127	0 0		1 64		6	4 64				12	54	1 (	0 64	64	64
F#2	64	6			64		63		0 0									12			0 64		64
G 2 Splash Cymbal V	64				64		127	127										12			0 64		65
G#2	64				77		63											12			0 64		64
A 2 Crash Cymbal 2 V Bb2	64	6	127		51	127	127 127	127	0 0		1 64 1 64						1 64	12			0 64	65	64 64
B 2 Ride Cymbal 2 V	64				46		127		0 0									12			0 64		65
C 3 Bongo H V	64				110													12			0 64		65
C#3 Bongo L V	64	6	87	(	110		95		0 0		1 64				4 64			12			0 64	65	65
D 3 Conga H Mute V	64				39		127											12			0 64	65	65
D#3 Conga H Open V	64				25		127		0 0		1 64							12	-		0 64	65	65 65
E 3 Conga L V F 3 Timbale H V	64 64				64		95 127		0 0		1 64							12			0 64	65	65
F#3 Timbale L V	64				64		127	127										12			0 64		65
G 3 Agogo H V	64				34	100	100	127			1 64							12			0 64		64
G#3 Agogo L V	64	6	108		34	100	100	127					6	4 64	4 64	64		12	54	1 (	0 64		64
A 3	64	6			28	63	63		0 0		1 64							12	54		0 64		64
Bb3	64				21		63											12			0 64	64	64
B 3 Samba Whistle H V C 4 Samba Whistle L V	64				101		127	127 (			1 64							12			0 64		64
C 4 Samba Whistle L V C#4	64				95		63	127			1 64							12	54		0 64	65	64
D 4	64				110													12			0 64	64	64
D#4	64				64		95		0 0		1 64							12	54		0 64		64
E 4	64	6	107	7 (	104	95	95	127	0 0		1 64	64	6	4 64	4 64	64	4 64	12			0 64	64	64
F 4	64				104		95	127	0 0		1 64							12	54		0 64	64	64
F#4 Cuica Mute V	64	6	97		21		127	127	0 0		1 64				1 64			12	54		0 64	66	64
G 4 Cuica Open V G#4	64				34		127 95	127 ( 127 (	0 0		1 64 1 64							12			0 64		64
A 4	64				25	127	127	127			1 64							12	54		0 64	64	64
Bb4	64				83	63	63	127			1 64							12	54		0 64	64	64
B 4	64				105		127	127			1 64							12			0 64		64
C 5	64	6	68	3 (	64	127	127	127			1 64	64	6	4 64	4 64	64	4 64	12			0 64	64	64
C#5	64				64		127	127			1 64							12			0 64		64
D 5	64				64		127	127 (			1 64							12			0 64	64	64
D#5 E.5	64				64		127	127										12			0 64		64
F5	64				64		127	127	0 0									12			0 64	64	64
F#5	64				64		127		0 0		1 64							12			0 64	64	64
G 5	64	6	1 127	7 0	64	127	127	127	0 0		1 64	64	6	4 64	1 64	64	1 64	12			0 64	64	64
																		_					

Apo	ogee Kit																							
Note	Instrument	Pitch	Pitch Fine	Lovel	Alternate	Pan	Reverb		Variatio		Rcv Note		LPF Coff		EG Attack	EG Decay1	EG Decay2 EQ Bass	EQ Treble	EQ Bass	EQ Treble	Output	HPF Cutoff	Vel. Sens.	Vel. Sens.
Note	mstunen	Coarse	riich rine	Levei	Group	ran	Send	Send	Send	Assign	Off	On	Freq.	Reso.	Rate	Rate	Rate Gain	Gain	Freq	Freq.	Select	Frea.	Pch.	Cutoff
C#-1	Surdo Mute V	64			02	3 51		95 9:			0 0	1	64								1	0 6		67
	Surdo Open V	64			21	3 51 0 51		95 95			0 0	1	64							2 54		0 6		
D#-1 E -1		64			63 27	0 51		27 12			0 0	1	64	64						2 54		0 6		
F-1		64				4 52		63 63				1	64	64						2 5		0 6		
F#-1		64		- 1	16	4 52		63 63			0 0	1	64	64					4 1	2 54		0 6		
G -1		64			27	0 64		75 (				1	64	64	64	64	64 64			2 54				
G#-1		64				0 64		27 12			0		V-F							2 5		0 6		
A -1 Bb-1		64				0 64		63 63		27 (										2 54		0 6		
B -1		64				0 64		27 12				1	64							2 54				
C 0		64				0 64		27 12				1								2 5		0 6		
	Brush Tap V	64				0 64		27 12			0 0	1	64	64						2 54		0 6		
	Brush Swirl V	64				0 64		27 12	7 1:	27 (	0 1	1										0 6		
D#0 E 0	Brush Slap V Reverse Cymbal	64			52 00	0 64	-	27 12° 27 12°	7 13	27 0	0 1	1	64 64	64						2 5		0 6		
F 0	Reverse Cymon	64				0 64		27 12			0 1	1	64	64						2 5		0 6		
	Hi Q 2	64				0 64		63 63	11	27 (	0 0	1	64	64										
	Snare Analog 4	64			27	0 64	1	27 12			0 0	1	64	64								0 6		
G#0	Viel Tedan 2	64				0 64		27 12				1	64	64										
	Kick Techno 3 Open Rim Shot L	64				0 64		32 3: 27 12												2 56		0 6		
	Kick Techno 4	64				0 64		32 33												2 5				
C 1	Kick Techno Tight 2	64	4 64		18	0 63		32 3:	1	27 (	0 0	1	64	64	64	64	64 64	6	4 1	2 54		0 6	4 64	69
	Side Stick Analog 2	64				0 64		27 12												2 5		0 6		
	Snare Analog 5	64				0 64		27 12												2 5		0 6		
	Clap Ambience Snare Analog 6	64				0 64		27 12° 27 12°		27 (			64	64						2 54				
	Tom Techno 1	66				0 24		27 12												2 56		0 6		
	Hi-Hat Closed Analog 3	64	4 64		08	1 77		32 3:		27 (	0 0	1	64	64	64	64	64 64	6	4 1	2 54		0 6	4 64	
	Tom Techno 2	64				0 39		27 12			0 0	1								2 54		0 6		
	Hi-Hat Closed Analog 4	64			91	1 77	١	32 33			0 0	1	64							2 5				
	Tom Techno 3 Hi-Hat Open Analog 2	64			08 12	0 52 1 77		27 12 32 3:			0 0	1	64	64						2 54		0 6		
	Tom Techno 4	64				0 64		27 12				1								2 5		0 6		
	Tom Techno 5	64			17	0 83	1	27 12	7 1:		0 0	1	64	64					4 1	2 54				
C#2	Crash Analog	64				0 69		27 12				1								2 54				
	Tom Techno 6	64				0 101		27 12		27 (										2 54		0 6		
D#2 E.2	Ride Cymbal Analog 1	64				0 34		27 12		27 (										2 54		0 6		
F 2	Ride Cymbal Cup Q	64				0 46		27 12			0 0	1	64							2 5				
F#2		64	4 64			0 64		63 63	11	27 (	0 0		64	64	64	64	64 64	6	4 1	2 5		0 6	4 64	64
	Splash Cymbal V	64				0 64		27 12												2 54		0 6		
G#2 A 2	Cowbell Analog L Crash Cymbal 2 V	64			18 27	0 77 0 51		63 63 27 12			0 0	1	64 64	64						2 5		0 6		
Bb2	Crasii Cynioai 2 V	64				0 25		27 12		7 (	0 0	1								2 5				
B 2	Ride Cymbal Analog 2	64	4 64		86	0 46	. 1	27 12	1:	27 (	0 0	- 1	64	64	64	64	64 64	6	4 1	2 54		0 6	4 64	64
	Bongo H V	64				0 110		95 9:			0 0	1		64							1			
	Bongo L V	64			87	0 110		95 9:				1	64							2 54	1			
D#3	Conga Analog H Long Conga Analog M Long	64				0 39 0 25		27 12° 27 12°				1		64						2 54		0 6		
	Conga Analog M Long Conga Analog L	64				0 64		95 9:				1								2 5				
F 3	Timbale H V	64	4 64		91	0 64	1	27 12	7 1:	27 (	0 0	1	64	64	6	64	64 64	6	4 1	2 5		0 6	4 65	65
	Timbale L V	64				0 64		27 12				1		64						2 54				
G#3	Agogo H V	64				0 34		00 10			0 0			64						2 54		0 6		
A 3	Agogo L V	64				0 34		63 63												2 5				
	Maracas 2	64			96	0 21		63 63	3 13	27 (	0 0	1	64							2 5				
B 3	Samba Whistle H V	64	4 64	1	03	0 101	1	27 12	1:	27 (			64	64	64	64	64 64	6	4 1	2 54		0 6	4 65	64
	Samba Whistle L V	64				0 101		27 12												2 54		0 6		
C#4 D 4		64			24 06	0 95		63 63			0 0	1	64	64						2 54		0 6		
D#4 D#4	Claves 2	64				0 64		95 9:			0 0	1								2 5		0 6		
E 4		64	4 64	1		0 104		95 93	5 13	27 (	0 0	1	64	64	6	64	64 64	6	4 1	2 54	1	0 6	4 64	64
F 4		64	4 64		96	0 104		95 93	1:	27 (	0 0	1		64			64 64	6	4 1	2 54		0 6	4 64	64
F#4	Scratch H 2	64			94	4 21		27 12			0 0	1	64	64						2 54				
G 4 G#4	Scratch L 3	64			94 27	4 34 2 25		27 12° 95 95						64						2 54		0 6		
A 4		64				2 25		27 12			0		V-F							2 54		0 6		
Bb4		64	4 64		06	0 83		63 63	3 1:	27 (	0 0	1	64	64	6	64	64 64	6	4 1	2 5		0 6	4 64	64
B 4		64				0 105		27 12				1	64			64	64 64		4 1	2 54			4 64	64
C 5 C#5		64				0 64 0 64		27 12° 27 12°			0 0									2 54		0 6		
D 5		66				0 64		27 12												2 54		0 6		
D#5		64			27	0 64		27 12			0 0	i	64	64						2 5		0 6		
E 5		64	4 64		27	0 64	1	27 12	7 1:	27 (		- 1		64					4 1	2 54				64
F 5		64				0 64		27 12			0 0	1	64	64						2 5		0 6		
F#5		64				0 64		27 12				1		64						2 54				
G 5		64	4 64	1	27	0 64	9 4	27 12	11	27 (	0 0	1	64	64	64	H 64	64 64	6	~q 1	2 54	1	0 6	+ 64	64

Per	igee																						
Note	Instrument	Pitch	Pitch Fine	Level	Alternate	Pan	Reverb	Chorus	Variation Key	Rev No		LPF Coff		EG Attack	EG Decay1	EG Decay2	EQ Bass	EQ Treble	EQ Bass	EQ Treble	Output	HPF Cutoff	Vel. Sens. LPF
		Coarse	I Hell I He	Licites	Group		Send	Send	Send Assig	Off	On	Freq.	Reso.	Rate	Rate	Rate	Gain	Gain	Freq	Freq.	Select	Freq.	Pch. Cutoff
	Surdo Mute V Surdo Open V		64 64 64 64	10		3 51 3 51	95	95 95	127	0	0	L 64	64			64	64	64 64				0 64	
D+1 D#-1			64 64			0 51		127	127	0	0	1 64						64				0 64	
E-1			64 64		27	0 51		127		0	0	1 64						64				) 64	
F -1			64 64	9		4 52	63	63		0	0	1 64						64	12	2 54	(	64	
F#-1 G -1			64 64 64 64	11		4 52 0 64		63		0	0	1 64 1 64					64	64 64				0 64	
G#-1			64 64	12		0 64		127		0	0	1 64	64		4 64			64	12			0 64	
A -1			64 64			0 64		63		0	0	64	64									64	
Bb-1 B -1			64 64 64 64		98	0 64		63 127		0	0	L 64	64									0 64	
C 0			64 64			0 64		127	127	0	0	1 64		6	4 64	64			12	2 54		0 64	
C#0	Brush Tap V	(	64 64	- 4	49	0 64	127	127	127	0	0	1 64	64	6			64	64				64	
	Brush Swirl V		64 64 64 64	4	47 52	0 64		127	127 127	0	1	64			4 64	64 64		64	12	2 54	(	64	64 65
	Brush Slap V Reverse Cymbal		64 64 64 64	10		0 64		127		0	1	1 64	64		4 64 4 64			64 64	12		1 (	0 64	
F 0		(	64 64		79	0 64		127		0	1	64	64	6	4 64	64	64	64	12			64	64 64
	Hi Q 2		64 64	12		0 64		63		0	0	1 64					64	64				0 64	
G#0	Snare Analog 4 H		64 64 64 64	12		0 64		127 127	127 127	0	0	1 64 1 64	64			64 64		64 64				0 64	
A 0	Kick Techno 3		64 64	- 12	27	0 64	32	32	127	0	0	64	64	6	4 64	64	64	64	12	2 54	(	64	64 64
	Open Rim Shot L		64 64			0 64		127		0	0	64										0 64	
	Kick Techno 4 H Kick Techno Tight 2 H		64 64 64 64	12		0 64		32 32		0	0	1 64 1 64						64 64				0 64	
C#1	Side Stick Analog 2 H	(	64 64	1.	15	0 64	127	127	127	0	0	1 64	64	6	4 64	64	64	64	12	2 54	(	64	64 64
D I	Snare Analog 5 H		64 64	12		0 64		127		0	0	64						64				64	
	Clap Ambience H Snare Analog 6 H		64 64 64 64	11		0 64		127 127		0	0	L 64	64									0 64	
F I	Tom Techno 1 H		64 64	12	27	0 24	127	127	127	0	0	1 64						64	12	2 54	(	0 64	
	Hi-Hat Closed Analog 3 H		64 64			1 77		32		0	0	1 64										64	
	Tom Techno 2 H Hi-Hat Closed Analog 4 H		64 64 64 64		12	0 39	127	127		0	0	64	64					64 64				0 64	
	Tom Techno 3 H		64 64			0 52	127	32 127	127 127	0	0	1 64							12	2 54	. (	0 64	
Bbl	Hi-Hat Open Analog 2 H	(	64 64	11	12	1 77	32	32	127	0	0	64	64	6	4 64	64	64	64	12	2 54	(	64	64 64
B 1	Tom Techno 4 H Tom Techno 5 H		64 64 64 64	1	12	0 64	127	127	127 127	0	0	64	64		4 64 4 64	64	64	64 64	12	2 54	(	0 64	64 64
	Crash Analog H		64 64	11		0 83		127		0	0	1 64						64				0 64	
D 2	Tom Techno 6 H	(	64 64	- 12	27	0 101	127	127	127	0	0	64	64	6	4 64	64	64	64	12	2 54	(	0 64	64 64
	Ride Cymbal Analog 1 H		64 64 64 64			0 34		127		0	0	64	64									64	
	Chinese Cymbal H Ride Cymbal Cup H		64 64 64 64			0 34		127 127		0	0	64	64									0 64	
F#2	Tambourine H	(	64 64	- 1	16	0 64	63	63	127	0	0	64	64	6	4 64	64	64	64	12	2 54	(	64	64 64
	Splash Cymbal H Cowbell Analog H		64 64 64 64	12		0 64 0 77		127		0	0	64						64 64				0 64	
A 2	Crash Cymbal 2 H		64 64	12		0 77 0 51		127	127	0	0	1 64				64		64				0 64	
Bb2	•		64 64	10	06	0 25	127	127	127	0	0	64		6	4 64	64	64	64	12	2 54	(	64	64 64
	Ride Cymbal Analog 2 H		64 64		86	0 46		127		0	0	64	64					64		2 54		) 64	
C#3	Bongo H V Bongo L V		64 64 64 64	11	87	0 110		95 95		0	0	1 64 1 64				64 64	64	64 64				0 64	
D 3	Conga Analog H Long H	(	64 64	10	05	0 39	127	127	127	0	0	64	64	6	4 64	64	64	64	12	2 54	(	64	64 64
D#3	Conga Analog M Long H		64 64	10		0 25		127		0	0	64						64				) 64	
	Conga Analog L Long H Timbale H V		64 64 64 64	1	91	0 64		95 127	127 127	0	0	64	64					64 64				0 64	
F#3	Timbale L V	(	64 64		95	0 64	127	127	127	0	0	64	64	6	4 64	64	64	64	12	2 54	(	64	66 65
G 3	Agogo H V		64 64	10		0 34		100		0	0	64	64					64				64	
G#3	Agogo L V		64 64 64 64	10		0 34		100		0	0	64						64 64				0 64	
Bb3	Maracas 2		64 64		96	0 21	63	63	127	0	0	64	64	6	4 64	64	64	64	12	2 54	(	64	64 64
B 3	Samba Whistle H V		64 64			0 101		127		0	1	64		6	4 64	64	64	64	12			64	65 64
C 4 C#4	Samba Whistle L V		64 64 64 64			0 101		127		0	0	64	64									0 64	
D 4			64 64		06	0 93		63	127	0	1	1 64						64	12	2 54	(	0 64	
D#4	Claves 2	(	64 64		88	0 64	95	95	127	0	0	64	64	6	4 64	64	64	64	12	2 54	(	64	64 64
E 4			64 64 64 64			0 104		95 95		0	0	64						64 64				0 64	
F#4	Scratch H 2		64 64		89	4 21	127	127		0	0	1 64	64	6	4 64	64	64	64	12	2 54	(	0 64	64 64
G 4			64 64		94	4 34	127	127	127	0	0	64	64	6	4 64	64	64	64	12	2 54	(	64	64 64
G#4 A 4			64 64 64 64	12		2 25 2 25		95 127		0	0	64						64 64				0 64	
Bb4			64 64			0 83		63		0	0	1 64				64		64				0 64	
B 4		- (	64 64	12	23	0 105	127	127	127	0	0	64	64	6	4 64	64	64	64	12	2 54	(	64	64 64
C 5 C#5			64 64 64 64	12		0 64		127 127		0	0	1 64 1 64						64 64				0 64	
C#5 D 5			64 64			0 64		127		0	0	64						64				0 64	
D#5		(	64 64	12	27	0 64	127	127	127	0	0	64	64	6	4 64	64	64	64	12	2 54	(	64	64 64
E 5			64 64	12		0 64		127		0	0	64	64				64	64				0 64	
F 5 F#5			64 64 64 64	12		0 64		127 127	127 127	0	0	64	64			64 64	64	64 64				0 64	
G 5			64 64	12		0 64		127		0	0	64						64				0 64	

Jazz Kit 2

Jazz Kit z																				
	Pitch		. Al	ernate		Reverb Chorus	Variation Key	Rcv Note	Rcv Note	LPF Coff	LPF	EG	EG	EG EQ Bass	EQ EO	Bass EQ	Output	HPF		Vel. Sens.
Note Instrument	Coarse	Pitch Fine	Level Gr	Pan oup		Send Send	Send Assign	Off	On	Freq.	Reso.	Attack	Decayl	Decay2 Gain	Fred		Select	Cutoff	Pch L	PF
							,					Rate	Rate	Rate	Gain	Freq.		Freq.	C	Cutoff
C#-1 Surdo Mute V	64			3	51 51	95 95 95 95	127	0 0	1 1	64	64	6	64	64 64		12 5	4 (	0 64	66	67 68
D -1 Surdo Open V D#-1	64			0	51	127 127		0 0	, ,	64	64					12 5			64	64
	64			0				0 0	, ,	64						12 5			64	64
E-1 F-1	64			4	51 52	127 127 63 63		0 0	,	64	64					12 5			64	64
F#-1	64			4	52			0 0	, ,	64	64					12 5			64	64
G-1	64			0	64	63 63 75 0		0 0	) 1							12 5			64	64
G#-1	64			0	64	127 127		0 0	, ,	64	64					12 5			64	64
A -1	64			0	64	63 63		0 0	, ,	64						12 5			64	64
Bb-1	64			0	64	63 63		0 0	1							12 5			64	64
B-1	64			0	64	127 127	127	0 0	1	64						12 5			64	64
C 0	64			0	64	127 127		0 0	1 1							12 5			64	64
C#0 Brush Tap V	64			0	64	127 127	127	0 0	1 1	64	64			64 64		12 5			66	66
D 0 Brush Swirl V	64			0	64	127 127		0 1		64	64					12 5			64	65
D#0 Brush Slap V	64			0	64	127 127		0 0	) 1							12 5			66	65
E 0 Brush Tap Swirl V	64			0	64	127 127	127	0 1	1	64	64	64	64	64 64	64	12 5	4 (	64	64	65
F 0 Snare Roll V	64			0	64	127 127		0 1	1	64	64					12 5			66	66
F#0	64			0	64	63 63		0 0	) 1		64				64	12 5	4 (		64	64
G 0	64	4 64	75	0	64	127 127	127	0 0	) 1	64	64	6	64	64 64	64	12 5	4 (	64	64	64
G#0	64		127	0	64	127 127	127	0 0	) 1	64						12 5	4 (		64	64
A 0	64	4 64	116	0	64	32 32	127	0 0	) ]	64	64	6	64	64 64	64	12 5	4 (	64	64	64
Bb0	64	4 64	127	0	64	127 127		0 0	) ]	64	64		64	64 64	64	12 5			64	64
B 0	64	4 64	102	0	64	32 32	127	0 0	) 1	64	64	64	64	64 64	64	12 5		64	64	64
C 1 Kick Jazz L	64			0	64	32 32		0 0	) 1	64	64					12 5			64	64
C#1	64		93	0	64	127 127	127	0 0	) ]	64						12 5			64	64
D 1 Snare H	64			0	64	127 127	127	0 0	) 1	64	64					12 5			64	64
D#1	64			0	64	127 127		0 0	) 1	64	64					12 5			64	64
E 1 Snare Tight L	64			0	64	127 127		0 0	) 1							12 5			64	64
F 1 Tom Jazz 7	64			0	24	127 127		0 0	) 1	64						12 5			64	64
F#1 Hi-Hat Closed L	64		91	1	77	32 32	127	0 0	) 1	64						12 5			64	64
G 1 Tom Jazz 8	64			0	39	127 127		0 0	) 1	64	64					12 5			64	64
G#1 Hi-Hat Pedal L	64		92	1	77	32 32	127	0 0	) 1	64						12 5			64	64
A 1 Tom Jazz 9	64			0	52	127 127		0 0	) 1	V-F						12 5			64	64
Bb1 Hi-Hat Open L	64			1	77	32 32		0 0	) 1	64	64					12 5			64	64
B 1 Tom Jazz 10	64			0	64	127 127		0 0	_							12 5			64	64
C 2 Tom Jazz 11	64			0	83	127 127		0 0	) 1							12 5			64	64
C#2	64			0	69	127 127	127	0 0	) 1	64						12 5			64	64
D 2 Tom Jazz 12	64			0	104	127 127		0 0	) 1		64					12 5			64	64
D#2 Ride Cymbal 1 V	64			U	34	127 127		0 0	,							12 5			64	65
E 2 Chinese Cymbal V	64			0	34 46			0 0								12 5 12 5			71 64	66
F 2 Ride Cymbal Cup L F#2	64			0	64	127 127 63 63	127 127	0 0	, ,	64	64					12 5 12 5			64	64 64
G 2 Splash Cymbal V	64			0	64	127 127		0 0	1 1	64	64					12 5			65	65
G#2 Spiasi Cymbai V	64			0	77	63 63		0 0	) 1							12 5			64	64
A 2 Crash Cymbal 2 V	64			0	51	127 127		0 0								12 5			65	64
Bb2	64			0	25	127 127		0 0	_							12 5			64	64
B 2 Ride Cymbal 2 V	64			0	46	127 127		0 0	) 1	64	64					12 5			65	65
C 3 Bongo H V	64			0	110	95 95		0 0	) 1	64	64					12 5	4 (		65	65
C#3 Bongo L V	64			0	110	95 95		0 0	) 1							12 5			65	65
D 3 Conga H Mute V	64			0	39	127 127		0 0	) 1	64	64	64	64	64 64	64	12 5		64	65	65
D#3 Conga H Open V	64		89	0	25	127 127		0 0	) 1	64						12 5	4 (	64	65	65
E 3 Conga L V	64	4 64	111	0	64	95 95	127	0 0	) 1		64	64	64	64 64	64	12 5			65	65
F 3 Timbale H V	64			0	64	127 127		0 0	) 1	64	64					12 5			65	65
F#3 Timbale L V	64			0	64	127 127		0 0								12 5			66	65
G 3 Agogo H V	64			0	34	100 100		0 0		64	64					12 5			65	64
G#3 Agogo L V	64			0	34	100 100		0 0	) 1							12 5			65	64
A 3	64			0	28	63 63		0 0	1	64						12 5			64	64
Bb3	64			0	21	63 63	127	0 0	1	64						12 5			64	64
B 3 Samba Whistle H V	64			0	101	127 127	127	0 1	1	V-F						12 5			65	64
C 4 Samba Whistle L V	64			0	101	127 127		0 1	1		64					12 5			65	64
C#4	64			0	95	63 63		0 0								12 5			64	64
D 4	64			0	110			0 1	1							12 5			64	64
D#4	64			0	64	95 95	127	0 0	1 1	64						12 5			64	64
E 4	64			0	104 104	95 95 95 95		0 0	) 1	64						12 5 12 5			64	64
F 4 Cuica Mute V	64			0	21	95 95 127 127		0 0								12 5			66	64
	64			0	34			0 0								12 5			66	64
G 4 Cuica Open V G#4	64			2	25	95 95 95 95	127	0 0	1 -	64	64					12 5			64	64
A 4	64			2	25	127 127		0 0	1							12 5			64	64
Bb4	64			0	83	63 63		0 0	,							12 5			64	64
B 4	64			0	105	127 127		0 0	1	64	64					12 5			64	64
C 5	64			0	64	127 127		0 0	) 1		64					12 5			64	64
C#5	64			0	64	127 127		0 0								12 5			64	64
D 5	64			0	64	127 127		0 0	) 1	64	64					12 5			64	64
D#5	64			0	64	127 127		0 0	1							12 5			64	64
E 5	64			0	64	127 127		0 0	) 1	64	64					12 5			64	64
F 5	64			0	64	127 127		0 0	) 1	64	64					12 5			64	64
F#5	64			0	64	127 127		0 0	) 1	64						12 5			64	64
G 5	64			0	64	127 127	127	0 0	) 1	64	64					12 5		64	64	64

Brush Kit 2

					_			-										_	-	_				-
		Pitch			Alternate		Reverb	Chorus	Variation	Key	Rcv Note	Rev Note	LPF Coff	LPF	EG	EG	EG EQ Ba	ss E0		EQ	Output	HPF	Vel. Sens.	Vel. Sens.
Note	Instrument	Coarse	Pitch Fine	Level		Pan	Send	Send	Send		Off	On		Reso.	Attack	Decayl	Decay2 Gain	Tı		Treble	Select	Cutoff	Pch.	LPF
		Coarse			Group		senu	Sena	Sena	Assign	Oli	Oii	Freq.	Reso.	Rate	Rate	Rate	G	Freq	Freq	Select	Free	ren.	Cutoff
C#-1		64	1 64	- 11	)2	3 51	1 9	5 95	127		0 0	- 1	64	64	64	64	64	64		2 54		) 64	66	
		64												64				64						
D -1					21	3 51			127	(	0 0	1												
D#-1		64			53	0 51			127	(	0 0	1	64	64		64		64	64 1					
E -1		64	4 64	13	27	0 51	1 12	7 127	127		0 0	1	64	64	64	64	64	64	64 1	2 54	1 C	64	64	64
F -1		64	1 64	-	93	4 52	2 6	3 63	127	(	0 0	- 1	64	64	64	64	64	64	64 1	2 56	1 (	) 64	64	
F#-1		64	1 64	- 1	16	4 52	) 6	3 63			0 0	1	64	64	64	64	64	64	64 1	2 56	1 (	) 64	64	
G -1		64		- 1:		0 64	1 7	5 0	127	(		1	64	64				64	64 1	2 54			64	64
G#-1		64	1 64	13	27	0 64	1 12	7 127	127	(	0 0	1	64	64	64	64	64	64	64 1	2 54	1 C	64	64	64
A -1		64	1 64		94	0 64	1 6	3 63	127	(	0 0	1	64	64	64	64	64	64	64 1	2 54	1 (	) 64	64	64
Bb-1		64				0 64	1 6	3 63	127		0 0	1	64	64	64	64	64	64	64 1		1 (	) 64	64	
						0							U-F								,			
B -1		64										1	64	64				64	64 1					
C 0		64	4 64	1	19	0 64					0 0	1	64	64	64	64	64	64	64 1		1 (	64	64	
C#0		64	4 64		19	0 64	1 12	7 127	127	(	0 0	1	64	64	64	64	64	64	64 1	2 54	1 (	64	66	66
D 0		64	1 64		17	0 64			127	- (	n 1	1	64	64	64	64	64	64	64 1		1 (			
D#0		64				0 64		7 127	127		0 0	i		64				64	64 1	2 5				
							• 12	1 127	127			- 1												
	Brush Tap Swirl L	64										- 1	64	64				64	64 1					
F 0	Snare Roll V	64	1 64			0 64			127		0 1	1	64	64			64	64	64 1				66	66
F#0 (	Castanet H	64	1 64	- 1	11	0 64	1 6	3 63	127	(	0 0	1	64	64	64	64	64	64	64 1	2 54	1 (	64	64	64
G 0	Snare Dry Hard	64	4 64	13	27	0 64	1 12	7 127	127	- (	0 0	- 1	64	64	64	64	64	64	64 1	2 54	1 (	64	64	64
G#0		64			27	0 64		7 127	127		0 0		64	64				64	64 1		1 (		64	
	W. 1 D 1						12	12/				- 1												
	Kick Release	64				0 64		2 32						64				64	64 1					
Bb0 (	Open Rim Shot Dry L	64	1 64			0 64	1 12	7 127			0 0	1	64	64	64	64	64	64	64 1		1 C	64		
B 0	Kick Cloudy H	64	1 64	13	27	0 64			127	(	0 0	1	64	64	64	64	64	64	64 1	2 54	1 (	64	70	64
	Kick Cloudy L	64		- 1	18	0 63		2 32				1	64	64				64	64 1		1 0		64	
									127			- :												
	Side Stick B 2	64				0 64	12	1 127				1	64	64				64			1 0		64	
	Brush Slap 3 Q	64				0 64					0		U-F	64				64	64 1				64	
D#1		64	1 64	1	10	0 64	1 12	7 127	127	(	0 0	1	64	64	64	64	64	64	64 1	2 54	1 (	64	64	64
E 1 1	Brush Snare Loud	64	1 64			0 64					0 0	- 1	64	64	64			64	64 1		1 (	0 64	64	64
	Tom Brush 7	64				0 24		7 127	127		0 0	- 1	64	64				64	64 1					
											0 0	- 1												
F#1 1	Hi-Hat Closed 4	64			)8	1 77		2 32				1	64	64				64	64 1					
G 1	Tom Brush 8	64	4 64	1	12	0 39		7 127			0 0	1	64	64	64	64	64	64	64 1	2 54	\$ C	64	64	64
	Hi-Hat Pedal 4	64	1 64	-	91	1 77	7 3	2 32	127	(	0 0	1	64	64	64	64	64	64	64 1	2 5	1 (	64	64	64
	Tom Brush 9	64				0 52					0 0	1	64	64				64	64 1		1 0			
												- 1												
	Hi-Hat Open 4	64			12	1 77		2 32	127			1	64	64				64	64 1					
B 1	Tom Brush 10	64	4 64			0 64			127			1	64	64	64	64	64	64	64 1		1 C	64	64	64
C 2	Tom Brush 11	64	4 64	1	17	0 83	3 12	7 127	127	(	0 0	1	64	64	64	64	64	64	64 1	2 56	1 (	) 64	64	64
	Crash Cymbal 4	64				0 69		7 127		(	0 0	1		64		64		64		2 54	1 0		64	
	Tom Brush 12	64				0 101								64				64	64 1					
	Ride Cymbal 1 H	64				0 34				(	0 0	1	64	64				64	64 1					
E 2		64	4 64	13	20	0 34	1 12	7 127	127		0 0	1	64	64	64	64	64	64	64 1	2 54	1 C	64	64	64
F 2	Ride Cymbal Cup 6	64	1 64	13	27	0 46	5 12	7 127	127	(	0	1	64	64	64	64	64	64	64 1	2 54	1 C	64	64	
F#2	Kide Cymbu Cup o	64				0 64		3 63		(		i		64				64	64 1					
	Splash Cymbal V	64				0 64								64				64	64 1					
G#2	Cowbell 2	64	1 64	1	18	0 77	7 6	3 63	127		0	1	64	64	64	64	64	64	64 1		1 0	64	64	64
A 2		64	1 64	13	27	0 51	1 12	7 127	127	(	0 0	1	64	64	64	64	64	64	64 1	2 54	1 (	64	64	64
Bb2		64	4 64	- 10	)6	0 25	5 12	7 127	127	(	0 0	- 1	64	64	64	64	64	64	64 1	2 5/	1 (	64	64	64
	Ride Cymbal 6	64				0 46		7 127				1		64				64	64 1					
	Ride Cymbai 6																							
C 3		64				0 110					0	1		64				64	64 1					
C#3		64	4 64		37	0 110	) 9	5 95	127	(	0 0	1	64	64	64	64	64	64	64 1	2 54	1 (	64	65	65
D 3	Conga H Mute V	64			73	0 39	12	7 127			0 0	- 1	64	64	64	64	64	64	64 1				65	65
	Conga H Open V	64			39	0 25			127			1	64	64				64	64 1				65	
		64		<del>-</del>		0 64		5 95				1		64				64	64 1					
	Conga L 2																							
F 3		64				0 64								64				64	64 1					
F#3		64				0 64					0 0	1	64	64				64	64 1					
G 3		64		16	)8	0 34			127		0 0	- 1	64	64				64	64 1		1 (			
G#3		64				0 34			127		0 0	-	64	64				64	64 1					
A 3						0 28						1							64 1					
		64							127					64				64						
	Maracas Q	64				0 21						1	64	64				64		2 54				
B 3		64				0 101					0 1	1	64	64	64			64	64 1		1 (	64		
C 4		64				0 101					0 1	1		64				64	64 1					
C#4		64			24	0 95		3 63		-	0 0	-	64					64	64 1		1 (			
										_	0 0													
D 4		64					, 6	3 63	127	(		1		64				64	64 1				64	64
D#4		64				0 64		5 95			0 0	1	64	64	64			64	64 1			64	64	
E 4		64	1 64	16	)7	0 104	4 9	5 95	127	(	0 0	1	64	64	64	64	64	64	64 1	2 5	1 (	64	64	64
F 4		64				0 104			127					64				64	64 1					
										<del>- '</del>	0 -	-												
F#4		64			97	0 21			127	(	υ 0	1	64	64				64	64 1					
G 4	Cuica Open H	64	4 64		94	4 34		7 127	127			1	64	64		64		64	64 1					
G#4		64	1 64	13	27	2 25	5 9	5 95	127	(	0 0	1	64	64	64	64	64	64	64 1	2 5	1 (	64	64	
A 4		64				2 25						1	64	64	64	64	64	64	64 1		1 0	64	64	
Bb4		64				0 83								64				64						
									127	(	0	1												
B 4		64				0 105			127	(	υ 0	1	64	64				64	64 1		\$ C			
C 5		64		-		0 64	1 12	7 127	127	(		1	64	64				64	64 1					
C#5		64		11	27	0 64		7 127	127	(	0 0	- 1		64				64	64 1	2 54	1 (			
D 5		64				0 64			127			i		64		64		64	64 1		1 0		64	
				-	27																			
D#5		64				0 64								64				64	64 1					
E 5		64				0 64					0 0	1	64	64				64	64 1			64	64	
F 5		64	1 64	13		0 64	1 12	7 127	127	(		- 1	64	64	64	64	64	64	64 1			64	64	
F#5		64				0 64		7 127	127			1		64				64	64 1					
G 5		64		-		0 64		7 127	127	<del>  '</del>	0 0	- :	64	64				64	64 1				64	
O D		04	- 64	1.	-/-	uj 64	*I 12	1 127	12/	1 (	υ <sub>1</sub> υ	1	64	04	64	04	04	UP4	04 1	41 34	· 1	J 64	04	04

### Natural Kit

1 1111	urai Kit																							
Note	Instrument	Pitch Coarse	Pitch Fine	Level	Alternate Group	Pan	Reverb Send	Chorus Send		Key Assign	Rcv Note Off	Rcv Note On	LPF Coff Freq.	LPF Reso.	EG Attack Rate	EG Decay1 Rate	EG Decay2 EQ Bass Gain			EQ Treble	Output Select	HPF Cutoff	Pch	Vel. Sens. LPF Cutoff
C#-1		64	64	102		51	95	95	127		0 0		64	64	1 6	4 64			12	F1eq. 54	-	Freq. 64	64	64
D-1		64		121	-	51	95	95	127		0 0								12	54		64		64
D#-1		64		63		) 51	127	127	127		0 0		64						12	54		64		64
E-1		64				51		127	127		0 0		64						12			64		
F-1		64				52		63	127		0 0		64						12	54		64		64
F#-1		64				52		63	127		0 0		64			4 64			12	54		64		64
G -1		64				) 64			127		0 0								12	54		64		64
G#-1		64				64		127	127		0 0		64						12	54		64		64
A -1		64				64		63	127		0 0	1	64			4 64			12			64		64
Bb-1		64				64		63	127		0 0	1							12	54		64		64
B -1		64				64	127	127	127		0 0	1	64	64	1 6	4 64	64 6	4 64	12	54		64		64
C 0		64				64		127	127		0 0	1							12	54		64		64
C#0	Brush Tap Natural	64	64	49		64	127	127	127		0 0	- 1	64	64		4 64	64 6	4 64	12	54		64	64	67
D 0	Brush Swirl Natural L	64				64			127		0 1	1	64						12			64		67
	Brush Slap Natural	64				64		127	127		0 0	1							12			64		67
E 0	Brush Swirl Natural H	64				64		127	127		0 1	1	64						12	54		64		67
F 0	Snare Roll Natural	64		90		64		127	127		0 1	1	64			4 64			12	54		64		67
F#0		64				64		63	127		0 0								12			64		64
	Snare Natural L	64				64		127			0 0	_	64						12			64		67
G#0	WILLIAM ON A I	64				64		127	127		0 0	1							12	54		64		64
	Kick Soft Natural	64				64		32 127	127		0 0		64						12	54 54		64		67
BD0	Open Rim Natural Kick Light Natural	64	64	127		64	127		127 127		0 0		64						12			64	64 64	67 67
	Kick Light Natural Kick Std Natural	64		102		64		32	127		0 0	+	64						12			64		67
	Side Stick Natural	64				64		127	127		0 0		64						12			64		67
D 1	Snare Natural M	64				64		127	127		0 0		64						12	54		64		67
D#1	Omno Amundi IVI	64		110		64		127	127		0 0		64						12	54		64		64
	Snare Natural H	64	64			64		127	127		0 0								12			64	64	67
	Floor Tom Natural L	64				24		127	127		0 0		64						12	54		64		67
	Hi-Hat Closed Natural	64				77		32	127		0 0	1	64						12	54	- (	64		67
G 1	Floor Tom Natural H	64	64	119		39	127	127	127		0 0	1	64	64			64 6	4 64	12	54		64	64	67
	Hi-Hat Pedal Natural	64	64	86	- 1	77	32	32	127		0 0	1	64	64	1 6	4 64	64 6	4 64	12	54		64	64	64
A 1	Low Tom Natural	64	64	104		52	127	127	127		0 0	1	64	64	1 6	4 64	64 6	4 64	12	54		64	64	67
Bbl	Hi-Hat Open Natural	64				77	32	32	127		0 0	1	64						12			64		67
B 1	Mid Tom Natural L	64				64		127	127		0 0	1	64	64	1 6			4 64	12			64		
C 2	Mid Tom Natural H	64						127	127		0 0	1							12	54		64		67
C#2	Crash Cymbal Natural 1	64				69		127	127		0 0	1	64						12	54		64		67 67
D 2	High Tom Natural	64				104		127	127		0 0	1							12	54		64		67
D#2	Ride Cymbal Natural 1	64		105		34		127	127		0 0					4 64			12			64		67
	Chinese Cymbal Natural	64 64				34		127	127		0 0								12	54 54		64 64		67 67
F#2	Ride Cymbal Cup Natural	64			-	64	127	127	127 127		0 0		64						12 12	54		64		64
G 2	Splash Cymbal Natural	64				64		127	127		0 0	i	64						12	54		64		67
G#2		64				77		63	127		0 0	i							12	54		64		64
A 2	Crash Cymbal Natural 2	64		118		51		127	127		0 0	- 1	64	64	1 6				12			64		67
Bb2	,	64	64	106		25	127	127	127		0 0	1	64	64	1 6	4 64	64 6	4 64	12	54		64	64	64
B 2	Ride Cymbal Natural 2	64	64	110	(	46	127	127	127		0 0	1	64	64	1 6	4 64	64 6	4 64	12	54	0	64	64	67
C 3		64				110		95	127		0 0	1	64			4 64			12	54		64		64
C#3		64			(	110			127		0 0								12			64		64
D 3		64				39		127	127		0 0	1				4 64			12	54		64		64
D#3		64				25		127	127		0 0								12			64		64
E 3		64				64		95	127		0 0	1							12	54		64		64
F 3		64				64		127	127 127		0 0		64			4 64			12	54 54		64		64 64
F#3		64				64			127		0 0		64						12	54		64		64
G#3		64				34					0 0								12			64		64
A 3		64				28		63	127		0 0								12	54		64		64
Bb3		64				20	63	63	127		0 0	1	64						12	54		64		64
B 3		64				101	127	127	127		0 1	1							12	54		64		64
C 4		64		110		101		127	127		0 1	1	64			4 64			12			64		64
C#4		64	64	124		95	63	63	127		0 0	1	64	64	1 6	4 64	64 6	4 64	12	54		64	64	64
D 4		64				110		63	127		0 1	1	64	64	1 6				12			64		
D#4		64	64	88		64	95	95	127		0 0	1	64	64	1 6	4 64	64 6	4 64	12	54		64	64	64
E 4		64				104		95	127		0 0	1		64	1 6				12	54		64		64
F 4		64				104		95	127		0 0								12			64		64
F#4		64				21		127	127		0 0								12	54		64		64
G 4		64		107		34	127		127		0 0	1							12			64		64
G#4		64			2	25 25	95	95	127		0 0	1	64						12	54 54		64		64 64
A 4 Bb4		64		127	2	2 25		127	127 127		0 0	!	64						12			64		64
Bb4 B 4		64		106		83		63 127			0 0	1							12			64		
C 5		64		123		0 105		127	127		0 0								12	54		64		64 64
C#5		64				64		127	127		0 0	i							12	54		64		64
D 5		64				64	127	127	127		0 0		64						12	54	-	64		64
D#5		64			- 0	64		127	127		0 0	i							12	54				64
E 5		64		127		64	127	127	127		0 0	i i	64	64	1 6	4 64		4 64	12	54		64		64
F 5		64	64	127		64	127	127	127		0 0	1	64						12	54		64		64
F#5		64	64	127		64	127	127	127		0 0	- 1							12			64	64	64
G 5		64	64	127	- 0	64	127	127	127		0 0		64	64	1 6	4 64	64 6	4 64	12	54		64	64	64

Natural Funk Kit

Ivat	urai Funk Kit																								
L		Pitch			Alternate	Pan	Reverb	Chorus	Variation	Key	Rcv Note	Rcv Note	LPF Coff	LPF	EG Attack	EG .	EG	EQ Bass	EQ Treble	EQ Bass	EQ Treble	Output	HPF Cutoff	Vel. Sens.	Vel. Sens. LPF
Note	Instrument	Coarse	Pitch Fine	Level	Group	Pan	Send	Send	Send	Assign	Off	On	Freq.	Reso.	Attack	Decayl	Decay2	Gain	Treble	Freq	Treble	Select	Cutoff	Pch.	
C#-1		64	64	102		51	95	95	127	-	) 0	-	64	64	Rate 6	Rate 4 64	Rate 64	64	Gain 64	13	Freq. 54		Freq. 64	64	Cutoff 64
D-1		64				5 51	93	95	127		) 0		64					64			2 54		64		64
D#-1		64				51	127	127	127		) 0		64					64					64		64
E-1		64				) 51		127	127		) 0					1 64		64					64		64
F -1		64				52		63	127		0		64	64	1 6	4 64	64	64	64				64		64
F#-1		64	64			52	63	63	127		0	1	64	64	1 64	4 64	64	64	64				64	64	64
G -1		64		127		64	75	0	127	-	0	1	64	64	1 64	4 64	64	64	64			(	64	64	64 64
G#-1		64				64		127	127	-			64	64	4 64			64					64		64
A -1		64				64		63	127		, ,	1	- 04					64					64		64
Bb-1		64				64		63	127			1	64					64					64		64
B -1		64				64		127	127	-	0	1	64					64					64		64
C 0		64				64		127	127		0		64					64	64	13			64		64 67
C#0	Brush Tap Natural	64				64		127	127		0		64					64	64				64		67
	Brush Swirl Natural L Brush Slap Natural	64				64		127	127		0 0		64					64					64		67
	Brush Swirl Natural H	64				64			127									64					64		67
F 0	Snare Roll Natural	64				64	127	127	127		) 1		64			4 64		64	64	12			64		67
F#0		64				64		63	127		0		64			4 64		64	64	13			64		64
G 0	Snare Natural Funk L	64				64		127	127	-	0		64	64	1 64	4 64	64	64	64	13	2 54	(	64		67
G#0		64	64	127		64	127	127	127	- 1	0	1	64	64		4 64	64	64	64	13	2 54	(	64	64	64
	Kick Soft Natural	64				64			127		0	1						64					64		67
	Open Rim Natural	64				64	127	127	127	- (	0	1	64					64		12			64		67
	Kick Std Natural Funk	64		102		64		32	127	-		1	64					64	64				64		67
	Kick Natural Funk	64				64			127									64					64		67
	Side Stick Natural	64				64		127	127									64					64		67
	Snare Natural Funk M	64				64		127	127		0	- 1						64					64		67
D#I	Snam Natural Eurit H	64				64		127 127	127 127		) 0		64 64					64 64					64	64 64	64 67
	Snare Natural Funk H Floor Tom Natural L	64				64		127	127			-	64			4 64 4 64		64		13			64		67
	Hi-Hat Closed Natural	64				77		32	127				64			4 64		64					64		67
	Floor Tom Natural H	64				39		127	127									64					64		67
	Hi-Hat Pedal Natural	64				77	32	32	127		) 0		64					64					64		64
	Low Tom Natural	64				52		127	127		0	1						64					64		67
Bbl	Hi-Hat Open Natural	64	64	87	1	77	32	32	127	- (	0	- 1	64			4 64	64	64	64	13		(	64	64	67
B 1	Mid Tom Natural L	64	64			64	127	127	127	-	0	1	64	64	1 64	4 64	64	64	64	13	2 54	(	64	64	67
	Mid Tom Natural H	64				83			127	-	0	1						64					64		67
	Crash Cymbal Natural 1	64				69		127	127	- (	0	1	64					64					64		67
D 2	High Tom Natural	64	64	118		104	127	127	127	- (	0					4 64	64	64		13			64	64	67
	Ride Cymbal Natural 1	64				34		127	127		0	1	- 04			4 64		64					64		67
	Chinese Cymbal Natural	64	64			34		127 127	127		0 0	1						64					64		67
F#2	Ride Cymbal Cup Natural	64				64	127	63	127 127	-	) 0		64					64	64	12			64		67 64
	Splash Cymbal Natural	64	64			64		127	127		) 0							64					64		67
G#2	Spasi Cymon Parain	64				77		63	127									64					64		64
	Crash Cymbal Natural 2	64				51			127		0							64					64		67
Bb2		64	64			25	127		127		0	- 1	64	64	1 64		64	64	64			(	64	64	64
B 2	Ride Cymbal Natural 2	64				46	127	127	127	-	0	1	64					64	64	12	2 54		64		67
C 3		64				110		95	127	-		1				4 64		64	64	12			64		64
C#3		64				110		95	127							4 64		64					64		64
D 3		64				39												64					64		64
D#3		64				25			127		0	1						64					64		64
E 3		64	64	111 91		64	95 127	95 127	127		) 0		64					64		12			64	64	64 64
F 3 F#3		64				64		127	127		, ,	-	64					64					64		64
G 3		64				34												64					64		64
G#3		64	64			34	100		127		) 0							64					64		64
A 3		64				28	63	63	127		0	i	64					64			2 54	(	64		64
Bb3		64	64	99		21		63	127		0	1	64	64		4 64	64	64	64		2 54	(	64	64	64
B 3		64	64	103		101	127	127	127	-	) 1	1	64			4 64	64	64	64	13			64	64	64
C 4		64				101					_	1						64					64		64
C#4		64						63	127	- (	0	1						64					64		64
D 4		64				110		63	127	- (	) 1	1	64					64					64		64
D#4		64				64		95	127				- 04					64					64		64
E 4		64				104		95	127			1						64		12			64		64
F 4		64				104		95 127	127 127									64					64		64 64
F#4 G 4		64				21	127	127	127	-	0		64					64					64		64
G#4		64				2 25	95	95	127		) 0							64	64				64	64	64 64
A 4		64	64			2 25		127	127							4 64	64	64		12			64	64	64
Bb4		64				83		63	127			1						64					64		64
B 4		64				105		127	127		0	1						64					64		64
C 5		64	64	68		64	127	127	127	-	0	1	64					64	64	13	2 54	(	64	64	64
C#5		64	64	127		64	127	127	127	-		1				4 64	64	64	64	13	2 54	(	64	64	64
D 5		64	64	127		64	127	127	127		0					4 64		64		12			64		64
D#5		64				64			127			1						64					64		64
E 5		64				64		127	127	- (	0	1						64					64		64
F 5		64	64	127		64		127	127	- (	0	1	64			4 64		64	64	12	2 54		64		64
F#5		64	64			64		127	127	- (	0	1				4 64		64	64	12			64		64
G 5		64	64	127	1 0	64	127	127	127		դ 0	1 1	64	64	1 6	4 64	64	64	64	13	2 54	1 (	64	64	64

Tramp	Kit
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111	mp Kit																								
Note	Instrument	Pitch	Pitch Fine		Alternate	Pan	Reverb	Chorus	Variation	Key	Rcv Note	Rcv Note	LPF Coff	LPF	EG Attack	EG Decay1	EG Decay2	EQ Bass	EQ Treble	EQ Bass	EQ Treble	Output	HPF Cutoff	Vel. Sens.	Vel. Sens. LPF
Note	instrument	Coarse	riicii riiie	Levei	Group	ran	Send	Send	Send	Assign	Off	On	Freq.	Reso.	Poto	Poto	Rate	Gain	Goin	Freq	Free	Select	Ema	Pch.	Cutoff
C#-1		64	64	102		51	95	95	127		) 0	1	64	64	1 64	1 64		64	L 64	13	2 54		64	66	
D -1		64	64	121	3	51	95	95	127	- (	0	1	64	64	1 64	4 64	64	64	64	13	2 54		64	66	
D#-1		64				51		127	127		0	1	64					64					64		64
E-1		64				51		127	127		, ,		- 04			4 64		64					64		
F -1 F#-1		64				52 52	63	63	127 127				64					64					64		
G-1		64				64		0.5	127		) 0		64					64					64		64
G#-1		64	64	127		64		127	127	-	0	1	64					64		13	2 54	(	64	64	
A -1		64				64		63	127		, ,	1	- 04					64					64		
Bb-1		64				64		63	127			1	64					64					64		64
B -1 C 0		64				64		127 127	127 127		0 0		64					64		12			64		64 64
	Brush Tap V	64				64		127	127		) 0		64					64					64		
	Brush Swirl V	64				64		127	127		) 1	1						64			2 54		64		
	Brush Slap V	64				64		127	127		0		64					64					64		
	Reverse Cymbal Snare Roll V	64 64				64	127 127	127 127	127 127		) 1	1	64 64			4 64 4 64		64		12			64		
	Hi Q 2	64			-	64		63	127		) 0		64			4 64		64		13			64		64
	Snare Techno 3 Q	64				64		127	127		0	1						64		12	2 54	- 0	64		
	Sticks Q	64				64		127	127		0	1	64					64					64		
	Kick Techno Q 2	64				64			127		0	1						64					64		
	Rim Gate Lo-Fi Kick Techno L Q	64				64	127	127	127		0	1	64					64		12			64		66 64
CI	Kick Techno L Q Kick Techno 2 Gate	64				63			127									64					64		
C#1	Side Stick Analog Q	64	64	116		64		127	127									64			2 54		64		64
D I	Snare Clap	64	64	127		64	127	127	127	- (	0		64	64	4 64	4 64	64	64	64	13	2 54		64	65	64
	Hand Clap Dark	64				64		127	127		0 0		64					64					64	64	64
EI	Snare Dry 2 Gate Tom Analog 7	64				64		127	127			- 1	64			4 64 4 64		64		12			64		
	Hi-Hat Closed 3 Dark	64				77		32	127			1	64			4 64		64					64		
	Tom Analog 8	64				39		127	127		0	1						64					64		64
	Hi-Hat Closed Analog 2 L	64				77	32	32	127		0	1	64					64					64		64
A I	Tom Analog 9	64	64	108		52 77	127	127	127			1	64			4 64 4 64	64 64	64		12			64	64	
	Hi-Hat Open 3 Dark Tom Analog 10	64				64			127		) 0		64					64					64		64
	Tom Analog 11	64				83			127		) 0							64					64		
C#2	Crash Analog Dark	64				69		127	127		0	1	64	64	4 64	4 64	64	64	64				64		64 64
D 2	Tom Analog 12	64	64	127		101	127	127	127		0					4 64	64	64		13			64	64	64
	Ride Cymbal 1 Dark Chinese Cymbal L	64				34		127 127	127 127		0 0	1	- 04			4 64 4 64		64 64					64		
F 2	Ride Cymbal Cup Dark	64	64			46		127	127									64					64		64
F#2	Tambourine Dark	64		116		64	63	63	127	(	0	1	64	64				64		12			64		64
G 2	Splash Cymbal L Q Cowbell Analog Q	64				64		127	127 127			1				4 64 4 64		64 64					64		64 64
	Crash Cymbal 2 Q	64				51			127									64					64		
Bb2	Citali Cyllina 2 Q	64	64			25	127		127								64	64					64	64	64
B 2	Ride Cymbal 2 D	64				46	127	127	127	-	0		64					64		12			64		64
C 3	Bongo H V	64				110		95	127			1				4 64		64		12			64		
	Bongo L V Conga Analog H Long	64				110		95 127	127 127							4 64		64 64					64		
	Conga Analog M Long	64				25			127									64					64		
E 3	Conga Analog L Long	64	64	115		64	95	95	127	- (	0	1	64					64		12			64	64	64
F 3	Timbale H V	64						127	127		, ,	1	- 04					64					64		
	Timbale L V	64				64		127 100	127 127			1	64					64 64					64		
G#3	Agogo H V Agogo L V	64	64			34	100		127		0 0							64					64		
A 3		64	64	90	(	28	63	63	127	-	0	1	64			4 64	64	64	64	13	2 54		64	64	64
	Maracas 2	64				21		63	127		0	1	- 04					64					64		
	Samba Whistle H V	64				101		127	127		) 1	1	64					64					64		
C#4	Samba Whistle L V	64	64			101		127	127									64					64		
D 4		64				110		63	127		) 1		64					64					64		
D#4		64	64	88		64	95	95	127	-		1				4 64	64	64	64	13			64	64	64
E 4		64				104		95	127			1						64		12			64		
F 4	Scratch H 2	64				104		95 127	127 127									64					64		64 64
G 4		64				34		127	127		) 0		64					64					64		64
G#4		64	64	127	2	25	95	95	127	- (		1	64	64	1 64	4 64	64	64	64	13	2 54	0	64	64	64
A 4		64	64	127	2	25		127	127			1			4 6	4 64	64	64		12			64	64	64
Bb4		64				83		63	127		0	1						64					64		64
B 4 C 5		64				105		127 127	127 127		0 0	1	64			4 64		64 64		12			64		
C#5		64				64		127	127		0 0	1						64		13			64		
D 5		64				64		127	127		0	1				4 64		64		13			64		64
D#5		64				64			127			1						64					64		64
E 5		64				64		127	127		0	1				4 64		64					64		
F 5 F#5		64				64		127 127	127 127		) 0		64			4 64		64		12			64		64 64
G 5		64	64		0	64		127	127		0 0	i	64					64					64		64

Amber Kit	Pitch		Alternate		Reverb Chorus	Variation Key	Rcy Note	Rev Note	LPF Coff	LPF	EG EG	EG EQ Bass	EQ EO	Bass	Output	HPF Vel. Sens	Vel. Sens
Note Instrument	Coarse	Pitch Fine	Level Group	Pan	Send Send	Send Assign	Off	On	Freq.	Reso.	Attack Decay1 Rate Rate	Decay2 Gain	Treble Fre		Select	Cutoff Freq.	LPF Cutoff
C#-1 Surdo Mute V	64	64	102	3 51	95 95	127	0 0	- 1	64	64				12 54	1 (	0 64 66	
D -1 Surdo Open V	64			3 51	95 95	127	0 0	1	64	64	64 6	4 64 64	64	12 54	1 (		6 6
D#-1	64	64	63	51	127 127	127	0 0	1	64	64	64 6	4 64 64	64	12 54	1 (	0 64 64	4 6
E-1	64	64	127	51	127 127	127	0 0	1	64	64	64 6	4 64 64	64	12 54	1 (	0 64 64	4 6
F-1	64	64		4 52	63 63		0 0		64	64	64 6	4 64 64	64	12 54	1 (	0 64 64	
F#-1	64			4 52	63 63	127	0 0		64	64				12 54	1 (		
G-1	64			64	75 0		0 0			64				12 54			
G#-1	64	64	127	64	127 127	127	0 0	1	64	64	64 €	4 64 64	64	12 54	1 (	0 64 64	
A -1	64			64	63 63	127	0 0	1	64	64				12 54	1 (		
Bb-1	64	64		64	63 63	127	0 0	1	64	64	64 €	4 64 64	64	12 54	1 (	0 64 64	4 6
B -1	64				127 127		0 0	1	64	64			64	12 54			
C 0	64			64	127 127		0 0	1	64	64		4 64 64		12 5			
C#0 Brush Tap V	64						0 0	1	64	64		4 64 64		12 5			
D 0 Brush Swirl V	64			64	127 127		0 1	1	64	64				12 54			
D#0 Brush Slap V	64				127 127		0 0		64	64				12 54	1 (		
E 0 Brush Tap Swirl L	64			64			0 1							12 54			
F 0 Snare Roll V	64				127 127		0 1	1	64	64				12 54			
F#0	64						0 0			64		4 64 64		12 54			
G 0 Open Rim Shot 3 Soft	64				127 127		0 0		64	64				12 54			
G#0 Sticks Q	64			64			0 0			64		4 64 64		12 54			
A 0 KickDrySoft3	64			64	32 32		0 0	_	64	64				12 54			
Bb0 Open Rim Shot Dry	64			64	127 127		0 0	1		64				12 54			
B 0 Kick Comp 1 L	64		127	64	32 32	127	0 0	1	64	64				12 54		0 64 70	
C 1 Kick Comp 1 H	64		127		32 32		0 0	1	64	64				12 54			
C#1 Side Stick Dry L	64			64	127 127		0 0		64	64				12 54			
D 1 Snare Dry Mute L	64			0 64	127 127		0 0	1	64	64				12 54			
D#1 Hand Clap Dark	64			0 64	127 127	127	0 0	- !	64	64				12 54	1 (		
E 1 Hip Snare Long	64					127	0 0	_	64	64				12 54			
F 1 Floor Tom Tech L	64								64	64							
F#1 Hi-Hat Closed Tech G.1 Floor Tom Tech H	64			77			0 0		64	64		4 64 64		12 54			
	64					127	0 0		64								
G#1 Hi-Hat Pedal Tech	64			77			0 0		64	64				12 54			
A 1 Low Tom Tech										64							
Bb1 Hi-Hat Open 3 Dark	64			1 77			0 0			64				12 54			
B 1 Mid Tom Tech L C 2 Mid Tom Tech H							0 0							12 54			
	64		117 ( 127 (	83	127 127 127 127	127 127	0 0		64					12 54			
C#2 Crash Cymbal Dark D 2 High Tom Tech	64			0 101			0 0		64	64		4 64 64 4 64 64		12 54			
	64						0 0			64				12 54			
D#2 Ride Cymbal 1 Dark E 2 Chinese Cymbal H2	64			34	127 127 127 127	127	0 0		64	64				12 54			
F 2 Ride Cymbal Cup Dark	64				127 127	127	0 0	-	64	64				12 5	1 1		
F#2 Tambourine Dark	64			0 64	63 63		0 0		64	64				12 54			
G 2 Splash Cymbal L Q	64				127 127		0 0	- 1		64				12 54			
G#2 Cowbell Lo-Fi	64			77	63 63		0 0		64	64				12 54	1 (		
A 2 Crash Cymbal 2 Q	64				127 127		0 0	1	64	64				12 54	1 (		
Bb2	64						0 0			64		4 64 64		12 54			
B 2 Ride Cymbal 2 V	64			) 46			0 0					4 64 64		12 54			
C 3 Bongo H V	64						0 0			64				12 54			
C#3 Bongo L V	64	64		110	95 95	127	0 0	l i	64	64	64 6	4 64 64	64	12 54	1 (	0 64 65	
D 3 Conga H Mute V	64					127	0 0	1		64				12 54			
D#3 Conga H Open V	64			25			0 0	1	64	64		4 64 64	64	12 54		0 64 65	
E 3 Conga L 2	64	64		64	95 95		0 0	- 1	64	64				12 54			
F 3 Timbale H V	64	64		64	127 127	127	0 0	1	64	64	64 6	4 64 64	64	12 54	1 (	0 64 65	5 6
F#3 Timbale L V	64			64	127 127	127	0 0	1	64	64		4 64 64		12 54			
G 3 Agogo H V	64			34	100 100	127	0 0		64	64		4 64 64		12 54			5 6
G#3 Agogo L V	64				100 100		0 0	1		64				12 54			
A 3	64	64	90	28	63 63	127	0 0		64	64				12 54		0 64 64	4 6
Bb3 Maracas Q	64				63 63		0 0	1		64				12 54	1 (		
B 3 Samba Whistle H V	64						0 1	1		64				12 54			
C 4 Samba Whistle L V	64			101			0 1	1		64				12 54			
C#4	64				63 63		0 0	1		64				12 54			
D 4	64						0 1	1	64	64				12 54	1 (		
D#4	64				95 95		0 0			64				12 54			
E 4	64			104			0 0		64	64		4 64 64		12 5			
F 4	64			104			0 0	1		64				12 54			
F#4	64			21	127 127	127	0 0	1	64	64				12 5			
G 4 Cuica Open H	64		94				0 0	1	- 04	64				12 54			
G#4	64			2 25	95 95		0 0	1	64	64				12 5			
A 4	64			2 25			0 0	1		64				12 54			
Bb4	64			83	63 63	127	0 0	1	64	64				12 54	1 (		
B 4	64		123		127 127		0 0	1	64	64				12 54	1 (		
C 5	64			64			0 0							12 54			
C#5	64						0 0			64		4 64 64		12 54			
D 5	64				127 127		0 0			64				12 54			
D#5	64		127		127 127		0 0		64	64				12 54	1 (		
E 5	64			64	127 127		0 0			64				12 54			
F 5	64		127	64	127 127	127	0 0	1	64	64				12 5			
F#5	64			64		127	0 0	1		64		4 64 64		12 5			
G 5	64	64	127	64	127 127	127	0 0	1	64	64	64 6	4 64 64	64	12 54	1 (	0 64 64	4 64

Collin Kit																			
	Pitch		Δ1	ternate		Reverb Chorus	Variation Key	Rev Note	Rev Note	LPF Coff	I PE	EG	EG	EG EQ Bass	EQ EQ B	EQ.	Output	HPF Ve	el. Sens. Vel. Sens.
Note Instrument	Coarse	Pitch Fine		oup F	an	Send Send	Send Assign	Off	On	Freq.	Reso.	Attack	Decayl	Decay2 Gain	Treble Freq	Treble	Select	Cutoff Pcl	
	Course			oup		DCIN DCIN		OII.	O.	r req.	recoo.	Rate	Rate	Rate	Gain	Freq.	Beiece	Freq.	Cutoff
C#-1 Surdo Mute V	64	64		3	51	95 95	127	0 0	1	64	64	64	64	64 64	64	12 5	4 (	64	66 67
D -1 Surdo Open V	64	64	121	3	51	95 95	127	0 0	1	64	64	64	64	64 64	64	12 5	4 (	64	66 68
D#-1	64	1 64	63	0	51	127 127	127	0 0	1	64	64	64	64	64 64	64	12 5	4 (	64	64 64
E-1	64	4 64	127	0	51	127 127	127	0 0	1	64	64	64	64	64 64	64	12 5	4 (	64	64 64
F-1	64	1 64		4	52	63 63	127	0 0	1	64	64	64	64	64 64	64	12 5	4 (	64	64 64
F#-1	64			4	52	63 63		0 0	1	64	64					12 5			64 64
G-1	64	1 64		0	64	75 0	127	0 0	1	64	64					12 5			64 64
G#-1	64			0	64	127 127		0 0		64	64					12 5			64 64
A-1	6			0	64			0 0	- :	64						12 5			64 64
				- 0				0 0											
Bb-1	64			0	64	63 63	127	0 0		64	64					12 5			64 64
B-1	64				64	127 127			1	64	64					12 5			64 64
C 0	64			0	64	127 127		0 0		- 04						12 5			64 64
C#0 Brush Tap V	64			0	64	127 127	127	0 0	1	64	64	64	64	64 64	64	12 5	4 (	64	66 66
D 0 Brush Swirl V	64	64		0	64	127 127	127	0 1	1	64	64	64				12 5		64	64 65
D#0 Brush Slap V	64	1 64	52	0	64	127 127	127	0 0	1	64	64	64	64	64 64	64	12 5	4 (	64	66 65
E 0 Brush Tap Swirl L	64	1 64	69	0	64	127 127	127	0 1	1	64	64	64	64	64 64	64	12 5	4 (	64	64 64
F 0 Snare Roll V	64	4 64	79	0	64		127	0 1		64	64	6	64	64 64	64	12 5	4 (	64	66 66
F#0	64			0	64			0 0	1	64						12 5			64 64
G 0 Rim Gate 4	- 66			0	64	127 127		0 0								12 5			64 64
G#0 Sticks Q	64			0	64	127 127	127	0 0	- 1	64	64					12 5			64 64
	64			0	64	32 32		0 0	-	64	64					12 5			64 64
A 0 Kick Cough L				0															
Bb0 Rim Gate 5	64				64			0 0											64 66
B 0 Kick Comp 2 L	64			0	64			0 0								12 5			70 64
C 1 Kick Comp 2 H	64			0	63	32 32		0 0								12 5			64 69
C#1 Side Stick Dry L	64			0	64	127 127		0 0		64						12 5			64 64
D 1 Snare Tin L	64			0	64		127	0 0		64						12 5			64 64
D#1 Hand Clap Dark	64			0	64	127 127		0 0	1	64	64	6			64	12 5	4 (	64	64 64
E 1 Snare Can L	64			0	64			0 0		64						12 5			64 64
F 1 Floor Tom Tech L	66			0	24			0 0								12 5			64 64
F#1 Hi-Hat Closed Tech	64			1	77	32 32	127	0 0		64						12 5			64 64
G 1 Floor Tom Tech H	64			0	39		127	0 0								12 5			64 64
				- 0		22 22		0 0	-	- 04									
G#1 Hi-Hat Pedal Tech	64			- 1	77						64								64 64
A 1 Low Tom Tech	64			0	52			0 0								12 5			64 64
Bb1 Hi-Hat Open 3 Dark	64			1	77	32 32		0 0	1							12 5			64 64
B 1 Mid Tom Tech L	64			0	64	127 127 127 127		0 0	1	64						12 5			64 64
C 2 Mid Tom Tech H	64	64		0	83	127 127	127	0 0	1	64	64	64	64	64 64	64	12 5	4 (	64	64 64
C#2 Crash Cymbal Dark 2	64	1 64	127	0	69	127 127	127	0 0	- 1	64	64	64	64	64 64	64	12 5	4 (	64	64 64
D 2 High Tom Tech	64	4 64	127	0	101	127 127	127	0 0	1	64	64	64	64	64 64	64	12 5	4 (	64	64 64
D#2 Ride Cymbal Hard 2	64	4 64	90	0	34	127 127	127	0 0	1	64	64	64	64	64 64	64	12 5	4 (	64	64 65
E 2 Chinese Cymbal Q	64			0	34	127 127	127	0 0	1	64						12 5			64 64
F 2 Ride Cymbal Cup 5	64			0	46			0 0	1		64					12 5			64 64
F#2 Tambourine Dark	64	1 64	116	0	64	63 63	127	0 0		64	64	6	64	64 64	64	12 5			64 64
G 2 Tech Splash Cymbal	64			0	64	127 127		0 0	- 1	64	64					12 5			64 64
G#2 Cowbell Lo-Fi	64				77											12 5			64 64
				0				0 0	1										
A 2 Crash Cymbal 2 Q	64		127	0	51	127 127	127	0 0		64	64					12 5			64 64
Bb2	64			0	25		127	0 0	1		64					12 5			64 64
B 2 Ride Cymbal 5	64			0	46			0 0	1							12 5			64 64
C 3 Bongo H V	64			0	110	95 95	127	0 0	1	64	64					12 5			65 65
C#3 Bongo L V	64	1 64	87	0	110	95 95	127	0 0	1	64	64	64	64	64 64	64	12 5	4 (	64	65 65
D 3 Conga H Mute V	64	4 64	73	0	39	127 127	127	0 0	- 1	64	64	64	64	64 64	64	12 5	4 (	64	65 65
D#3 Conga H Open V	64			0	25		127	0 0	- 1	64	64					12 5	4 (		65 65
E 3 Conga L 2	64	4 64	115	0	64			0 0	- 1	64	64	64			64	12 5	4 (	64	64 64
F 3 Timbale H V	64			0	64	127 127		0 0	1							12 5	4 (		65 65
E#3 Timbale I. V	64			0	64	127 127		0 0		64						12 5			66 65
G 3 Agogo H V	64			0	34			0 0		64	64					12 5			65 64
G#3 Agogo L V	64	1 64		0	34	100 100		0 0	1							12 5			65 64
A 3	64			0	28			0 0		64	64					12 5			64 64
Bb3 Maracas Q	64			0	28			0 0								12 5			64 64
											64								
B 3 Samba Whistle H V	64			0	101	127 127		0 1	1	64									
C 4 Samba Whistle L V	64			0	101	127 127	127	0 1	1	64						12 5			65 64
C#4	64			0	95	63 63		0 0	1	- 04						12 5			64 64
D 4	64			0	110			0 1	1	64	64					12 5			64 64
D#4	64	4 64	88	0	64		127	0 0	1	64	64	64	64	64 64	64	12 5	4 (	64	64 64
E 4	64			0	104			0 0	- 1							12 5	4 (		64 64
F 4	64			0	104	95 95	127	0 0	1	64	64	64	64	64 64	64	12 5	4 (	64	64 64
F#4	64			0	21			0 0			64					12 5			64 64
G 4 Cuica Open H	64			4	34			0 0	1		64					12 5			64 64
G#4 Cuica Open H	64			2	25			0 0								12 5			64 64
A 4	64			2	25											12 5			64 64
								0 0	1										
Bb4	64		106	0	83	63 63		0 0	1	64	64					12 5			64 64
B 4	64			0	105			0 0								12 5			64 64
C 5	64			0	64	127 127		0 0	1		64					12 5			64 64
C#5	64			0	64			0 0	1							12 5			64 6
D 5	64	4 64		0	64	127 127		0 0	1	64	64	64	64			12 5	4 (	64	64 64
D#5	64	4 64		0	64	127 127		0 0	1	64	64	6	64	64 64	64	12 5	4 (	64	64 64
E 5	64	4 64		0	64	127 127	127	0 0	- 1	64	64	64	64			12 5	4 (	64	64 64
F 5	64			0	64	127 127		0 0		64	64					12 5		64	64 64
F#5	64			0	64	127 127		0 0		64	64					12 5			64 64
G 5	64			0	64			0 0								12 5			64 64
	D-	- 04	127	J	- 04	12/ 12/	127	<u>س</u> 0		04	04	. 0	. 04	U4 04	04	14 3	-1	9 04	04 04

#### Live! Standard Kit

	: Standard Kit				_											T	T				I		T		T
Note	Instrument	Pitch	Pitch Fine	Lovel	Alternate	Pan	Reverb	Chorus	Variation				LPF Coff		EG Attack	EG Decay1	EG Decay2	EQ Bass	Treble	EQ Bass	Treble	Output	HPF Cutoff	Vel. Sens.	Vel. Sens. LPF
ivote	msiuneit	Coarse	I Hell I like	Levei	Group	1 an	Send	Send	Send	Assign	Off	On	Freq.	Reso.	Rate	Rate	Dota Data	Gain	Gain	Freq	Freq	Select	Freg.	Pch.	Cutoff
C#-1		64	64	102	3	51	64	12	54	-	0 0	- 1	64	64			4 64	64		13		i4 (	64	64	
D-1		64	64		3	51		12			0 0	1	64	64				64			2 5	4 (	64		
D#-1		64	64	63	0	51	64	12	54	- (	0 0	1	64	64	6	4 6	4 64	64	64	13	2 5	i4 (	64	64	64
E -1		64	64	127	0	51	64	12	54	-	0 0	1	64	64	6	4 6	4 64	64	64	13	2 5	i4 (	64	64	64
F -1		64	64	93	- 4	52				-		1	64	64	6	4 6	4 64	64	64			i4 (	64	64	64
F#-1		64		116	4	52		12	54		0 0	1	64	64				64		12	2 5	i4 (		64	
G -1		64				64		12			0 0	1	64	64				64				i4 (	, ,,,		
G#-1		64						12			0 0	1	64	64				64				i4 (			
A -1		64										1		64				64				i4 (			
Bb-1		64				64				-		1	64									4 (			
B -1 C 0		64						12			0 0		64 64	64				64				i4 (			
	David Tax	64				V-F		12					64	64				64				i4 (			
	Brush Tap Brush Swirl L	64						12					64	64				64				i4 (			
	Brush Slap	64				64		12			0 0	1	64	64								4 (	64	64	
	Brush Swirl H	64		45	0			12			0 1	1	64	64				64				4 (			
	Snare Roll	64									0 1	1	64									i4 (			
F#0		64	64	127	0	64	64	12	54	- (	0 0	1	64	64	6	4 6	4 64	64	64	1.	2 5	i4 (	64	64	64
G 0	Snare L	64	64	75	0	64	64	12	54	-	0 0	1	64	64	6	4 6	4 64	64	64	13	2 5	4 (	64	64	64
G#0		64		127	0	64	64	12	54	-	0 0	1	64	64		4 6	4 64			12	2 5	i4 (			
	Kick Soft	64		116				12			0 0		64	64								i4 (			
	Open Rim	64									0 0		64									i4 (			
	Kick Light	64						12			0 0		64	64				64				i4 (			
	Kick Std	64												64								4 (			
	Side Stick	64				64		12	54	-	0 0		64									4 (			
D I	Snare M	64										1		64				64				4 (			
D#1	Snare H	64 64				64					0 0	1	64 64	64 64								i4 (			
	Snare H Floor Tom L	64												64								i4 (			
	Hi-Hat Closed	64				77						- 1	64									i4 (			
	Floor Tom H	64					64				0 0	1									2 5	i4 (			
	Hi-Hat Pedal	64				77		12			0 0		64	64				64				i4 (			
	Low Tom	64											64									i4 (			
	Hi-Hat Open	64																				4 (			
	Mid Tom L	64				64							64							11	2 5	4 (			
	Mid Tom H	64					64	12 12	54	- (	0 0	1		64				64			2 5	i4 (			
C#2	Crash Cymbal 1	64		127	0	69	64	12	54	-	0 0	1	64	64	6		4 64	64		12	2 5	4 (		64	
D 2	High Tom	64	64	116	0	104	64	12	54	-	0 0	1	64	64	6	4 6	4 64	64	64	13	2 5	i4 (	64	64	64
D#2	Ride Cymbal 1	64										1		64								i4 (			
	Chinese Cymbal	64				34				- (		1	64									i4 (			
F 2	Ride Cymbal Cup	64	64	107	0			12		- (		1		64	6		4 64	64	64		2 5	i4 (		64	64
F#2		64		120		64				-		1	64	64								4 (			
G 2 G#2	Splash Cymbal	64				04		12		-			64	64 64				64				i4 (			
	Crash Cymbal 2	64				51						- 1	64	64								i4 (			
Bb2	Crasii Cyilioai 2	64		106			64	12	54		0 0	1		64				64			2 3	i4 (			
	Ride Cymbal 2	64				46					0 0	1		64								4 (			
C 3	race Cymou 2	64						12						64				64							
C#3		64	64					12	54					64				64			2 5	4 (			
D 3		64	64	73	0	39	64				0 0	1	64	64								4 (	64		
D#3		64		89		25	64	12			0 0	1	64	64				64			2 5	i4 (			
E 3		64	64	111	0	64	64	12	54	- (	0 0	- 1	64	64	- 6	4 6	4 64	64	64	12	2 5	i4 (	64	64	64
F 3		64									0 0	- 1	64					64	64			i4 (			
F#3		64				64		12		- (		1	64	64				64				i4 (			
G 3		64	64	108		34		12	54			1	64	64	6		4 64	64			2 5	4 (		64	
G#3		64						12			0 0	1		64				64				4 (			
A 3		64				28				-		1 1	64	64				64				4 (			
Bb3		64 64		103		21		12				1	64 64	64 64				64				i4 (			
B 3		64				101						- 1	64	64								i4 (			
C#4		64						12			0 0	- 1		64				64				4 (			
D 4		64				110						1	64	64								4 (			
D#4		64									0 0	i	64									4 (			
E 4		64				104		12					64	64				64				i4 (			
F 4		64		96	0	104		12	54	-	0 0	1	64									4 (			
F#4		64			0				54		0 0	1		64				64				i4 (			
G 4		64		107	0	34				- (	0 0	1	64	64								i4 (			
G#4		64	64	127	2	25	64	12	54	-	0 0	1		64	6	4 6	4 64	64	64	13	2 5	i4 (	64	64	64
A 4		64				25								64		4 6	4 64					4 (			
Bb4		64				83			54				64	64				64			2 5	4 (			
B 4		64						12			0 0			64								4 (			
C 5		64						12			0 0		64	64				64				i4 (			
C#5		64								-			64									4 (			
D 5		64												64								4 (			
D#5		64		127	0	64		127	127				64	64				64				i4 (			
		64									0 0	1		64				64				i4 (			
F 5 F#5		64		127 127		64		127			0 0	1	64 64	64									64		
G 5		64 64									0 0	1		64 64				64				i4 (			
9,7		04	04	127	U	04	127	127	127		v <sub>1</sub> 0		04	04		- 0	* 04	04	. 04	1.	-1 3		1 04	04	04

Live! Funk Kit

LIV	e! Funk Kit																								
l.,		Pitch			Alternate	Pan	Reverb	Chorus	Variation	Key	Rcv Note	Rcv Note	LPF Coff	LPF	EG	EG .	EG I	EQ Bass	EQ Treble	EQ Bass	EQ Treble	Output	HPF Cutoff	Vel. Sens.	Vel. Sens. LPF
Note	Instrument	Coarse	Pitch Fine	Level	Group	Pan	Send	Send	Send	Assign	Off	On	Freq.	Reso.	Attack	Decayl	Decay2	Gain	Treble	Freq	Treble	Select	Cutoff	Pch.	
C#-1		64	64	102		51	64	12	2 54		) (	-	64	64	Rate 6	Rate 4 64	Rate 64	64	Gain 64	13	Freq. 54		Freq. 64	64	Cutoff 64
D -1		64				5 51	64	12	2 54		) (		64					64			2 54		64		
D#-1		64				51		12			) (		64					64					64		64 64
E -1		64				) 51					) (							64					64		64
F -1		64				52		12			) (		64	64	1 6			64	64				64		64
F#-1		64				52		12			0	1	64	64	1 64	4 64	64	64	64				64	64	64
G -1		64		127	(	64	64		2 54	1	0	1	64	64	1 64	4 64	64	64	64			0	64	64	64 64
G#-1		64				64		12					64	64	4 64			64					64		64
A -1		64				64					0		- 04					64					64		64
Bb-1		64				64		12					64					64					64		64
B -1		64				64					0	1	64					64					64		64
C 0		64				64			2 54		) (	1	64					64		12			64		64 64
C#0	Brush Tap	64		49		64					0 0		64					64					64		64
	Brush Swirl L Brush Slap	64				64							64 64					64					64		64 64
	Brush Swirl H	64				64												64							64
F 0	Snare Roll	64				64	64	12			1		64					64		13			64		64
F#0	Sinc ron	64	64		1	64			2 54		) (		64					64	64	13	54		64		64
G 0	Snare Funk L	64				64		12			) (							64					64		64
G#0		64	64	127		64					) (		64					64					64		64
	Kick Soft	64		116		64		12			0	1						64					64		64
	Open Rim	64	64	127		64	64	12	2 54		0	1	64					64					64	64	66 64
	Kick Std	64		102		64		12				- 1	64					64					64		64
	Kick Funk	64				64		12										64					64		64
	Side Stick	64	64			64	64				0 0							64					64		64
	Snare Funk M	64				64					0 0	1						64					64		64
D#1	0 5 1 11	64				64					0 0	1	64					64					64	64	64 64
EI	Snare Funk H Floor Tom L	64				64					0 0		64					64					64		64
	Hi-Hat Closed	64				1 77		12					64					64					64		64
	Floor Tom H	64				39					-	-						64					64		64
	Hi-Hat Pedal	64				77	64				) (		64					64					64		64
	Low Tom	64				52					) (							64					64		64
Bbl	Hi-Hat Open	64	64	90	i	77	64	12			) (		64				64	64					64	64	64
B I	Mid Tom L	64				64					) (		64					64					64		64
	Mid Tom H	64					64				) (	1						64					64		64
	Crash Cymbal 1	64			(	69	64		2 54		0	- 1	64	64			64	64	64				64	64	64
	High Tom	64				104	64				0	- 1						64					64	64	64 64
D#2	Ride Cymbal 1	64	64	105	(	34	64	12	2 54	1	0	1				4 64	64	64			2 54	(	64	64	65
E 2	Chinese Cymbal	64	64			34					0	1						64					64		64
F 2	Ride Cymbal Cup	64		107		46					) (	1						64					64		64
F#2		64	64	120	) (	64	64	12	2 54	1 (	0	1	64					64					64	64	64
G 2	Splash Cymbal	64				64		12			0 0	1						64					64		64 64
G#2	Court Countral 2																	64					64		
Bb2	Crash Cymbal 2	64	64			51	64 64	12	2 54								64	64					64	64 64	64 64
B 2	Ride Cymbal 2	64				46		12			) (	- 1	64					64					64		64
C 3	Kide Cymou 2	64				110	64		2 54		) (							64					64	64	64 64
C#3		64				110		12										64					64		64
D 3		64				39					) (	1						64					64		64
D#3		64				25												64					64		64
E 3		64	64	111	(	64	64	12	2 54	1 (	0	1	64		1 6	4 64	64	64					64	64	64
F 3		64									0	1	64	64	4 64			64					64		64
F#3		64				64						1	64					64					64		64
G 3		64				34	64				-							64					64	64	64
G#3		64				34					0 0	1						64					64		64
A 3		64				28	64 64			1 !	0 0	1	64					64				- 0	64	64	64 64
Bb3 B 3		64				0 101					1 1		64					64 64					64		64
C 4		64				101					1							64					64		64
C#4		64	64															64					64	64	64
D 4		64				110					) 1		64					64					64		64
D#4		64				64					) (							64					64		64
E 4		64				104					) (	1						64					64		64
F 4		64		96	5 (	104					) (	- 1						64					64	64	64
F#4		64				21	64	12			0	1						64					64	64	64
G 4		64	64	107	(	34	64	12	54		0	1	64	64	1 6			64		13	2 54	(	64	64	64 64
G#4		64	64	127				12	54			1		64	4 64	4 64	64	64					64	64	64
A 4		64				2 25		12			) (	1						64					64		64
Bb4		64				83		12			) (							64					64		64
B 4		64				105					) (	1						64					64		64
C 5		64	64	68	5 (	64	64	12	54		) (	1	64					64					64	64	64
C#5		64		127	1 (	64		127	127		0 0	1						64	64	12			64		64
D 5 D#5		64				64		127 127				1						64		12			64		64
D#5 E 5		64			1 .	64		127										64					64		64 64
F 5		64				64		127			1 0		64					64		1.			64		64
F#5		64	64		1	64		127	7 127	+ -	) (					4 64		64					64		64
G 5		64	64		1 7	64	127	127	7 127	1 -	1 6	-	64					64	64				64		64
9.7		II 04	1 04												.1		34	04	1 04						

#### Live! Brush Kit

	: Diusii Kit										_												
L.		Pitch		L .	Alternate	_	Reverb	Chorus	Variation	Key	Rcv Note	Rcv Note	LPF Coff	LPF	EG	EG	EG EQ Bass	EQ Ba	EQ.	Output	HPF	Vel. Sens.	Vel. Sens. LPF
Note	Instrument	Coarse	Pitch Fine	Level	Group	Pan	Send	Send	Send	Assign	Off	On	Freq.	Reso.	Attack	Decayl	Gain Gain	Freq	Treble	Select	Cutoff	Pch.	
					<u> </u>										Rate	Rate	Rate	Gain '	Freq. 5/		Freq.		Cutoff
C#-1 D -1		64	64	102		51 51		12	54		0 0		64		1 6	4 64 4 64			12 54		64	64 64	
D#-1		64				51		12			0 0								12 54		64		
E-1		64						12	54		0 0								12 54		) 64		
F-1		64				1 52	64	12	. 54		0 0		64						12 54		64		64
F#-1		64				52	64	12	. 54		0 0		64						12 5		) 64		64 64
G-1		64	64		, ,	64		12			0 0						64 6		12 54		) 64	64	64
G#-1		64				64		12			0 0	_	- 04						12 54		64		
A -1		64				64			54		0 0		64						12 54		) 64		64
Bb-1		64				64			54		0 0		64						12 5		) 64		64
B -1		64				64			54		0 0		64						12 56		64		
C 0		64				64					0 0								12 54	1 (	64		64
C#0	Brush Tap	64	64	49	) (	64	64	12	. 54	ı	0 0		64	64	1 6	4 64	64 6	4 64	12 54	1 (	64	64	
	Brush Swirl L	64			(	64			54	ı	0 1		64	64	1 6	4 64	64 6	4 64	12 54	1 (	64		
D#0	Brush Slap	64			2	64		12	54		0 0		64	64	1 6	4 64	64 6		12 54		64		64
E 0	Brush Swirl H	64				64		12			0 1		64			4 64			12 54		64		64
	Snare Roll	64				64		12	54		0 1					4 64			12 54		64		
F#0		64				64		12			0 0		64						12 54		64		64
	Brush Slap 2	64				64					0 0								12 54		,		
G#0		64				64		12			0 0		64						12 54		64		64
A 0	Kick Soft	64		116		64		12	. 54		0 0		64						12 54		64		64
	Open Rim	64				64															64		
	Kick Std	64				64		12			0 0								12 54		64		
	Kick Funk Side Stick	64				64					0 0	-	64						12 54		0 64		
	Snare Brush M	64				64			54		0 0								12 56				64
D#1	Dinne Diami IVI	64				64			54		0 0		64						12 5		64		
	Snare Brush H	64				64					0 0		64			4 64			12 54		64		
	Brush Floor Tom L	64				24					0 0								12 54		) 64		64
F#1	Hi-Hat Closed	64				77	64	12	. 54		0 0		64	64	1 6	4 64	64 6	4 64	12 54	1 (	64		64
G 1	Brush Floor Tom H	64	64	113	6	39	64	12	54	ı	0 0	1	64	64	1 6	4 64	64 6	4 64	12 54	1 (	64	64	64
G#1	Hi-Hat Pedal	64	64	97	1	77	64	12	54	ı	0 0	1	64	64	1 6	4 64	64 6	4 64	12 54	1 (	64	64	64
	Brush Low Tom	64				52		12			0 0		64	64	1 6	4 64	64 6	4 64	12 54		64	64	
	Hi-Hat Open	64		96	5 1	77		12	54		0 0	1							12 5		64		
	Brush Mid Tom L	64				64			54		0 0	1	64						12 5		64		64
C 2	Brush Mid Tom H	64	64	103		83	64	12			0 0	_				4 64	64 6		12 54		64	64	
C#2	Brush Crash Cymbal 1	64				69					0 0	1				4 64			12 5		64		
D 2	Brush High Tom	64				104					0 0								12 54		64		
	Brush Ride Cymbal 1 Chinese Cymbal	64 64				34			54		0 0		64						12 54		64		
	Brush Ride Cymbal Cup	64				) 46			54		0 0								12 54		) 64		
F#2	Brush Ride Cyllibai Cup	64	64	120	) (	64	64	12	54		0 0			64	1 6	4 64	64 6	1 64	12 5		) 64	64	64
	Splash Cymbal	64				64		12			0 0								12 54	1 (	64		
G#2		64				77		12	54	ı	0 0	1	64	64	1 6				12 54	1 (	64		64
A 2	Brush Crash Cymbal 2	64		127	(	51	64	12	54	1	0 0		64						12 54		64	64	64
Bb2		64				25					0 0	1							12 54		64		
	Brush Ride Cymbal 2	64				46		12	. 54		0 0								12 54		64		
C 3		64	64			110					0 0								12 54		64		64
C#3 D 3		64 64				39		12	54		0 0								12 54		64		
D#3		64				) 25	64	12	54		0 0		64						12 54		) 64		64
E 3		64				0 64			54		0 0								12 54		0 64		
F 3		64				64		12			0 0								12 54		) 64		
F#3		64				64			54		0 0								12 54		) 64		
G 3		64				34		12	54		0 0	l i	64						12 5		64		
G#3		64	64			34		12	. 54		0 0	1	64	64	1 6	4 64	64 6		12 54		64	64	64
A 3		64	64	90	) (	28	64		54		0 0	1	64						12 54		64	64	64
Bb3		64	64			21					0 0	1							12 54		64		
B 3		64				101			54		0 1	1							12 5		64		64
C 4		64				101			54		0 1	1	64						12 5		64		
C#4		64							54		0 0		- 04						12 54		64		64
D 4		64				110			54		0 1		64						12 54		64		
D#4		64	64			64					0 0								12 54		64		
E 4		64				104					0 0								12 54		) 64		64
F 4		64				104			54		0 0		64						12 54		64		
G 4		64				34		12	54		0 0								12 54		64		
G#4		64				2 25					0 0								12 54		0 64		
A 4		64	64			2 25					0 0								12 5		) 64		
Bb4		64	64	100	5 0	83	64	12	54	ı	0 0		64						12 54	1 (	64	64	64
B 4		64	64	123	6	105	64	12	54	ı	0 0		64	64	1 6	4 64	64 6	4 64	12 54		64	64	64
C 5		64	64	68	3 (	64	64	12	. 54		0 0	1			1 6	4 64	64 6	4 64	12 54		64	64	64
C#5		64				64		127	127		0 0								12 54		64		64
D 5		64				64		127	127		0 0								12 54		64		
D#5		64				64	127	127	127		0 0	1	64			4 64			12 54		64		64
E 5		64		127		64		127 127	127		0 0		64			4 64 4 64			12 54		64		
F#5		64				64		127	127		0 0		64						12 54		64		
G 5		64				64		127			0 0								12 54		) 64		64
0.0		U-4	- 04	121		. 04	121	127	123	1	- 0	1	. 04	04			5-1 0		1 ,		. 04		

Live! Standard + Percussion Kit

Live: Standard + refcussion Kit															, ,						
	Pitch			Alternate		Reverb Chorus	Variation	Key	Rcv Note	Rcv Note	LPF Coff	LPF	EG	EG	EG EQ Bass	EQ EO	Bass	Output	HPF		el. Sens.
Note Instrument	Coarse	Pitch Fine	Level	Group	Pan	Send Send	Send	Assign	Off	On	Freq.	Reso.	Attack	Decayl	Decay2 Gain	Treble Fre		Select	Cutoff		PF
	Course			Group		Della Della	Locard		Oii	O.	r req.	recoo.	Rate	Rate	Rate	Gain	Freq.	Delect	Freq.	C	utoff
C#-1	64	4 64			3 51	64 12			0 0	1	64	64	6	64	64 64	64	12 5	4 (	64	64	64
D-1	64	4 64	121		3 51	64 12	54	-	0 0	1	64	64	6	64	64 6	64	12 5	4 (	64	64	64
D#-1	64	4 64	63		0 51	64 12	54	-	0 0	1	64	64	6	64	64 6	64	12 5	4 (	64	64	64
E-1	64	4 64	127		0 51	64 12	54		0 0	1	64	64	6	64	64 64	64	12 5	i4 (	64	64	64
F-1	64	4 64			4 52	64 12	54		0 0	1	64	64	6	64	64 64	64	12 5	4 (	64	64	64
F#-1	64				4 52				0 0	1	64	64					12 5			64	64
G-1	64	4 64		_	0 64				0 0	1	64	64					12 5			64	64
G#-1	64				0 64				0 0	- 1	64	64					12 5			64	64
A -1	66				0 64				0 0		64						12 5			64	64
									0 0												
Bb-1	64				0 64		54		0 0		64	64					12 5			64	64
B-1	64									1	64	64					12 5			64	64
C 0	64				0 64				0 0		- 04	64					12 5			64	64
C#0 Brush Tap Stereo	64				0 64	64 12	54		0 0	1	64	64	6	64	64 6	64	12 5	4 (	64	64	64
D 0 Brush Swirl Stereo	64	4 64			0 64	64 12	54		0 1	1	64	64	6			64	12 5	4 (	64	64	64
D#0 Brush Slap Stereo	64	4 64	52		0 64	64 12	54	_	0 0	1	64	64	6	64	64 64	64	12 5	4 (	64	64	64
E 0 Brush Tap Swirl Stereo	64	4 64	45		0 64	64 12	54	-	0 1	1	64	64	6	64	64 6	64	12 5	4 (	64	64	64
F 0 Snare Roll Stereo	64	4 64	79		0 64		54		0 1		64	64	6	64	64 64	64	12 5	i4 (	64	64	64
F#0	64			_	0 64				0 0	1	64						12 5			64	64
G O Snare L Stereo	66				0 64				0 0								12 5			64	64
G#0 Share E Siereo	64			-	0 64			- 1	0 0	- 1	64	64					12 5			64	64
	64				0 64			- '	0 0		64	64					12 5			64	64
										-								,			
Bb0 Open Rim Shot Stereo	64								0 0											64	66
B 0 Kick Light Stereo	64				0 64				0 0								12 5			64	64
C 1 Kick Std Stereo	64				0 64				0 0								12 5			64	64
C#1 Side Stick Stereo	64				0 64				0 0		64						12 5			64	64
D 1 Snare M Stereo	64				0 64				0 0		64	64					12 5			64	64
D#1 Hand Clap Stereo	64	4 64			0 64	64 12	54		0 0	- 1	64	64	6	64	64 64	64	12 5	i4 (	64	64	64
E 1 Snare H Stereo	64				0 64				0 0		64						12 5			64	64
F 1 Floor Tom L Stereo	66				0 24				0 0								12 5			64	64
F#1 Hi-Hat Closed Stereo	64				1 77				0 0		64						12 5			64	64
G 1 Floor Tom H Stereo	64			_	0 39				0 0								12 5			64	64
									0 0		- 04										
G#1 Hi-Hat Pedal Stereo	64				1 77							64								64	64
A 1 Low Tom Stereo	64				0 52				0 0								12 5			64	64
Bb1 Hi-Hat Open Stereo	64				1 77				0 0	1							12 5			64	64
B 1 Mid Tom L Stereo	64				0 64				0 0	1	64						12 5			64	64
C 2 Mid Tom H Stereo	64				0 83				0 0								12 5			64	64
C#2 Crash Cymbal 1 Stereo	64	4 64	127		0 69	64 12	54		0 0	1	64	64	6	64	64 64	64	12 5	4 (	64	64	64
D 2 High Tom Stereo	64	4 64	116		0 104	64 12	54	-	0 0	- 1	64	64	6	64	64 6	64	12 5	4 (	64	64	64
D#2 Ride Cymbal 1 Stereo	64	4 64	105		0 34	64 12	54		0 0	1	64	64	6	64	64 64	64	12 5	i4 (	64	64	65
E 2 Chinese Cymbal Stereo	64	4 64	120		0 34	64 12	54		0 0	1	64	64	6	64	64 64	64	12 5	4 (	64	64	64
F 2 Ride Cymbal Cup Stereo	64			_	0 46				0 0	1		64					12 5	4 (		64	64
F#2 Tambourine Stereo	64				0 64				0 0	1	64	64	6	64	64 6	64	12 5			64	64
G 2 Splash Cymbal Stereo	64				0 64				0 0		64	64					12 5			64	64
G#2 Cowbell Stereo	64				0 64				0 0								12 5			64	64
				_					0 0		64										
A 2 Crash Cymbal 2 Stereo Bb2	64		127		0 51				0 0	-		64								64	64
	64									1		64								64	64
B 2 Ride Cymbal 2 Stereo	64				0 46				0 0	1							12 5			64	64
C 3 Bongo H Stereo	64				0 64				0 0	1		64					12 5			64	64
C#3 Bongo L Srereo	64				0 64				0 0	1							12 5			64	64
D 3 Conga H Mute Stereo	64				0 64				0 0		64	64					12 5		64	64	64
D#3 Conga H Open Stereo	64				0 64				0 0	- 1	64	64					12 5		64	64	64
E 3 Conga L Stereo	64	4 64	111		0 64	64 12	54		0 0	- 1	64	64	6	64	64 64	64	12 5	i4 (	64	64	64
F 3 Timbale H Stereo	64			_	0 64				0 0	- 1	64						12 5	i4 (	64	64	64
F#3 Timbale L Stereo	64				0 64				0 0	- 1	64	64					12 5			64	64
G 3	64				0 34		54		0 0	1	64	64	6	64	64 6	64	12 5	4 (	0 64	64	64
G#3	64				0 34				0 0	1							12 5			64	64
A 3 Cabasa Stereo	64				0 64				0 0		64	64					12 5			64	64
Bb3 Maracas Stereo	64				0 64				0 0	1							12 5			64	64
B 3	64				0 101				0 1		64	64					12 5			64	64
C 4				-	0 101			- '	0 1	-							12 5				
	64								0 0		64						12 5			64	64
C#4 Guiro Short Stereo										1	- 04									64	64
D 4 Guiro Long Stereo	64				0 64				0 1	1	64	64					12 5			64	64
D#4	64				0 64				0 0								12 5			64	64
E 4	64				0 104				0 0	1							12 5			64	64
F 4	64				0 104				0 0		64	64	6	64	64 6	64	12 5		64	64	64
F#4 Cuica Mute Stereo	64	4 64	97		0 64	64 12	54		0 0	1	64	64	6	64	64 64	64	12 5	i4 (	64	64	64
G 4 Cuica Open Stereo	64				0 64				0 0	- 1	64	64	6	64	64 64	64	12 5	i4 (	64	64	64
G#4 Triangle Mute Stereo	64				2 64				0 0	1							12 5			64	64
A 4 Triangle Open Stereo	64			_	2 64				0 0								12 5			64	64
Bb4 Shaker Stereo	64				0 64				0 0		64	64					12 5			64	64
B 4 Shaker Stereo	64				0 105				0 0								12 5			64	64
C 5 Wind Chime Stereo	64				0 103				0 0			64					12 5			64	64
C#5	64				0 64				0 0								12 5			64	64
D 5	64				0 64				0 0	1							12 5			64	64
D#5	64				0 64		127		0 0	1	64	64					12 5			64	64
E 5	64				0 64				0 0	1		64					12 5			64	64
F 5	64	4 64			0 64	127 127	127		0 0	1	64	64	6	64	64 6	64	12 5	4 (	64	64	64
F#5	64				0 64				0 0	- 1	64	64					12 5			64	64
G 5	64	4 64	127		0 64				0 0	1	64	64	6	64	64 64	64	12 5	i4 (	64	64	64
																	1				-

Live! Funk + Percussion Kit

Live	! Funk + Percussion Kit										_														
		Pitch			Alternate	,	Reverb	Chorus	Variation	Kev	Rcv Note	Rcv Note	LPF Coff	LPF	EG	EG	EG	EQ Bass	EQ		EQ	Output	HPF	Vel. Sens.	Vel. Sens.
Note	Instrument	Coarse	Pitch Fine	Level	Group	Pan	Send	Send	Send	Assign	Off	On	Freq.	Reso.	Attack	Decayl	Decay2	Gain		Freq	Treble	Select	Cutoff	Pch.	LPF
C#-1		-	54 64	10		3 51	6	4 17	54	-	0 0		. 64	64	Rate 6	Rate 64	Rate 6	64	Gain 64	. 12	Freq. 54	1 (	Freq. 64	64	Cutoff 64
D-1		6				3 51					0 0		64							12	54	1 (		64	
D#-1			54 64			0 51					0 0									12	54			64	
E-1			54 64	,		0 51					0 0	- 1	64	64				V-1	0-4	12	54		, ,,,	64	
F-1			54 64			4 52							64							12	54				
F#-1		6				4 52							64							12	54			64	
G -1			54 64			0 64					0 0		64	64						12	54			64	
G#-1		-				0 64														12	54			64	
A -1			54 64			0 64					0 0		64							12	54				
Bb-1		- 6				0 64			54		0 0	1	64							12	54	1 (			
B -1		- 6	54 64		17	0 64	6			-	0 0	1	64	64	6	64	64	64	64	12	54	1 (		64	64
C 0		- 6	54 64		16	0 64	6	4 12	54	-	0 0	1	64	64	6	64	64	64	64	12	54	1 (	64	64	
	Brush Tap Stereo	- 6				0 64					0 0	1								12				64	
D 0	Brush Swirl Stereo	6	54 64		17	0 64	6	4 12	54	-	0 1	1	64	64	6	64	64	64	64	12	54	1 (	) 64	64	64
D#0	Brush Slap Stereo	6	54 64		2	0 64	6	4 12	54	-	0 0	1	64	64	6	64	64	64	64	12	54	1 (	64	64	64
E 0	Brush Tap Swirl Stereo	6	54 64		15	0 64	6	4 12	54	-	0 1	1	64	64	6	64	64	64	64	12	54	1 (	64	64	64
	Snare Roll Stereo		54 64			0 64				-		1	64	64						12	54			64	
F#0		- 6	54 64	12	.7	0 64	6	4 12	54	-	0 0	1	64	64	6	64	64	64	64	12	54	1 (	64	64	64
	Snare L Stereo		54 64			0 64	6	4 12			0 0	1	64							12	54		64	64	
G#0			54 64			0 64														12	54			64	
	Kick Soft Stereo		54 64	- 1		0 64		8 12				- 1	64	64						12	54	1 (		64	
	Open Rim Shot Stereo		54 64			0 64						1								12	54			64	
	Kick Std Stereo		54 64			0 64		8 12		- (		1	64	64						12	54	1 (		64	
	Kick Funk Stereo	6				0 64		8 12			0 0	1	64	64						12	54			64	
	Side Stick Stereo		54 64		13	0 64							64	64						12	54			64	
	Snare Funk M Stereo	6				0 64				- (		1	64	64						12	54	1 (		64	
	Hand Clap Stereo		54 64			0 64				- (	0	1	64	64						12	54	,		64	
	Snare Funk H Stereo		54 64			0 64						1	64	64						12	54	1 (		64	
	Floor Tom L Stereo	- 6				0 24					0 0	1								12	54				
	Hi-Hat Closed Stereo		54 64		1	1 77					0 0	1	64							12	54				
	Floor Tom H Stereo	- 6				0 39						1								12	54			64	
	Hi-Hat Pedal Stereo		54 64		7	1 77				- (		1	64	64						12	54			64	
	Low Tom Stereo		54 64			0 52						_	- 07	64						12	54	1 (		64	
	Hi-Hat Open Stereo	- 6			16	1 77						1								12	54			64	
	Mid Tom L Stereo		54 64			0 64						1	64							12	54				
C 2	Mid Tom H Stereo		54 64									1	- 04							12			, ,,,		
	Crash Cymbal 1 Stereo		54 64			0 69					0 0		64	64						12	54			64	
	High Tom Stereo		54 64			0 104			54		0 0	1		64						12 12	54			64	
	Ride Cymbal 1 Stereo		54 64			0 34				- 1	0 0		64								54				
	Chinese Cymbal Stereo	- 6	54 64 54 64			0 34					0 0		64	64						12 12	54 54			64	
	Ride Cymbal Cup Stereo Tambourine Stereo		54 64			0 64														12	54				
	Splash Cymbal Stereo	6				0 64						_								12	54				
G#2	Cowbell Stereo		54 64			0 64					0 0	- 1	64	64						12	54	1 (		64	
	Crash Cymbal 2 Stereo		54 64			0 51					0 0	- 1	64	64						12	54	1 (		64	
Bb2	Chair Cymon 2 Dicteo		54 64			0 25					0 0									12	54	1 (		64	
	Ride Cymbal 2 Stereo		54 64			0 46														12	54			64	
	Bongo H Stereo	- 6				0 64														12	54				
C#3	Bongo L Srereo	- 6	54 64		17	0 64	6	4 12	54	-	0 0	1	64	64	6	64	64	64	64	12	54	1 (	64	64	64
	Conga H Mute Stereo	6			13	0 64				-	0 0	1	64	64						12	54	1 (	64	64	64
	Conga H Open Stereo		54 64			0 64				-	0 0	- 1	64	64	6	64	64	64	64	12	54	1 (	64	64	64
E 3	Conga L Stereo	6	54 64	- 1	1	0 64	6	4 12	54	- (	0 0	1	64	64	6	64	6	64	64	12	54	1 (	64	64	64
F 3	Timbale H Stereo	6	54 64	9	1	0 64	6	4 12	54	- (	0 0	1	64	64	6	64	6	64	64	12	54	1 (	64	64	64
F#3	Timbale L Stereo		54 64			0 64					0 0		64	64	6			64		12	54	1 (		64	
G 3		- 6				0 34	6	4 12				1								12	54			64	
G#3			54 64			0 34						1	64	64						12	54			64	
	Cabasa Stereo	- 6				0 64				- (	0 0	1	- 04							12	54				
	Maracas Stereo		54 64			0 64			54	1	0 0	1	64	64						12	54	1 (		64	
B 3			54 64			0 101				- (			- 04	64						12	54	1 (		64	
C 4			54 64			0 101							- 04	64						12	54	,		64	
	Guiro Short Stereo		54 64			0 64														12	54			64	
	Guiro Long Stereo	- 6				0 64					0 1	1								12	54			64	
D#4			54 64			0 64					0 0	1	64							12	54				
E 4			54 64			0 104						1		64						12	54			64	
F 4			54 64		16	0 104				- (		1		64						12	54			64	
	Cuica Mute Stereo		54 64			0 64						1		64						12	54			64	
	Cuica Open Stereo	- 6				0 64				- 1	0 0	1								12	54			64	
	Triangle Mute Stereo	6	54 64 54 64		7	2 64			54		0 0	-	64							12 12	54 54	1 (		64	
	Triangle Open Stereo											1													
	Shaker Stereo	6												64						12	54 54			64	
B 4	Wind China Stance	6				0 105					0 0	- 1		64						12	54	1 (		64	
C 5 C#5	Wind Chime Stereo		54 64		17	0 64					0 0	-	64	64						12	54	1 (		64	
D 5			54 64 54 64			0 64		7 127					64	64						12	54			64	
D#5			54 64			0 64					0 0			64						12	54			64	
E 5		- 6				0 64								64						12	54			64	
F5			54 64			0 64			127		0 0		64	64				64		12	54	1 7	) 64	64	
F#5		6				0 64				-	0 0		64	64						12	54	1 (		64	
G 5			54 64			0 64		7 127			0 0									12	54			64	
99		,	04	1.		U 04	1.2	. 127	127	<u> </u>	- η U	<u> </u>	64	04	1 0	1 04	1 0	1 64	- 04	12	,,,,	, ,	1 04	04	. 04

Live! Brush + Percussion Kit

Live! Brush + Percussion Kit																								
	Pitch			Alternate	,	Reverb	Chorus	Variation	Kev	Rcv Note	Rcv Note	LPF Coff	LPF	EG	EG	EG	EQ Bass	EQ		Q	Output	HPF	Vel. Sens.	Vel. Sens.
Note Instrument	Coarse	Pitch Fine	Level	Group	Pan	Send	Send	Send	Assign	Off	On	Freq.	Reso.	Attack	Decayl	Decay2	Gain	Treble	Freq	reble	Select	Cutoff	Pch.	LPF
C#-1	6	54 64	102		3 51	64	12	54	. (	) 0		64	64	Rate 64	Rate 64	Rate 1 6	4 64	Gain 64	12	req.		Freq. 64	64	Cutoff 64
D-1	- 6				3 51			54	-	) 0	1	64	64						12	54				
D#-1	6				0 51			54	-	) 0	1	64							12	54	1 0		64	
E-1	-				0 51			54	(	) 0	1	64	64						12	54			64	
F-1	6	54 64			4 52		12	54	(	0 0	1	64	64	64	64	1 6	4 64	64	12	54		64	64	64
F#-1	6				4 52						1	64							12	54				
G-1	- 6	54 64	127		0 64	64	12	54	(	0	1	64	64	64			4 64	64	12	54		64	64	
G#-1	- 6	54 64	127		0 64	64	12	54	(	0	1	64	64	64	64	1 6	4 64	64	12	54		64	64	64
A -1	- 6	54 64	94		0 64	64	12	54	(	0	1	64	64	64	64	1 6	4 64	64	12	54		64	64	64
Bb-1		54 64			0 64	64	12	54	(	0	1	64	64	64	64	1 6	4 64	64	12	54		64	64	
B -1		54 64			0 64				(	0	1	64							12	54			64	
C 0	6				0 64			54	(	0	1	64	64						12	54			64	
C#0 Brush Tap Stereo		54 64			0 64				(	0	- 1	64	64						12	54	(		64	
D 0 Brush Swirl Stereo	6				0 64														12	54			64	
D#0 Brush Slap Stereo E.0 Brush Tap Swirl Stereo	6	54 64 54 64			0 64														12	54				
										1	- 1									54				
F 0 Snare Roll Stereo		54 64 54 64			0 64					) 1	- 1	64 64	64 64						12 12	54	1 0		64	
G 0 Brush Slap 2 Stereo		54 64			0 64						1								12	54	1 0		64	
G#0 Brush Stap 2 Stereo		54 64			0 64							64							12	54				
A 0 Kick Soft Stereo		54 64			0 64														12	54				
Bb0 Open Rim Shot Stereo		54 64		1	0 64			54		0 0	1	64	64						12	54			64	
B 0 Kick Std Stereo	6				0 64			54	(	0 0	1	64	64						12	54			64	
C 1 Kick Funk Stereo		54 64			0 64						1								12	54			64	
C#1 Side Stick Stereo		54 64			0 64														12	54			64	
D 1 Snare Brush M Stereo	6				0 64														12	54			64	
D#1 Hand Clap Stereo		54 64			0 64			54	(	0 0	1	64							12	54			64	
E 1 Snare Brush H Stereo		54 64			0 64				(	0 0	1		64						12	54			64	
F 1 Brush Floor Tom L Stereo		54 64			0 24				(	0	1	64	64						12	54			64	
F#1 Hi-Hat Closed Stereo	- 6	54 64	91		1 77	64	12	54	(	0	1	64	64	64	64	1 6	4 64	64	12	54		64	64	64
G 1 Brush Floor Tom H Stereo		54 64			0 39					0	1	64							12	54		64		
G#1 Hi-Hat Pedal Stereo	6	54 64	97		1 77	64	12	54	(	0	1	64	64	64	64	1 6	4 64	64	12	54		64	64	64
A 1 Brush Low Tom Stereo	6	54 64	104		0 52	64	12	54	(	0	1	64	64	64	64	1 6	4 64	64	12	54		64	64	64
Bb1 Hi-Hat Open Stereo	6	54 64			1 77	64		54	(	0	1	64	64				4 64	64	12	54			64	
B 1 Brush Mid Tom L Stereo	6	54 64	87		0 64	64	12	54	(	0	1	64	64	64	64	1 6	4 64	64	12	54		64	64	64
C 2 Brush Mid Tom H Stereo	6	54 64	103		0 83	64	12	54	(	0	1	64	64	64	64	1 6	4 64	64	12	54		64	64	64
C#2 Brush Crash Cymbal 1 Stereo		54 64			0 69			54		0	- 1	64	64	64	64	1 6	4 64	64	12	54		64	64	64
D 2 Brush High Tom Stereo		54 64	116		0 104						- 1	64	64						12	54			64	
D#2 Brush Ride Cymbal 1 Stereo	- 6				0 34					0	- 1	64	64	64	64	1 6	4 64	64	12	54		64	64	65
E 2 Chinese Cymbal Stereo		54 64			0 34						1	64	64						12	54			64	
F 2 Brush Ride Cymbal Cup Stereo	6				0 46					0	1								12	54				
F#2 Tambourine Stereo		54 64	120		0 64			54		0	1	64	64						12	54	(	64	64	
G 2 Splash Cymbal Stereo	6				0 64				(		1		64						12	54	(		64	
G#2 Cowbell Stereo		54 64			0 64						- 1								12	54			64	
A 2 Brush Crash Cymbal 2 Stereo Bb2		54 64 54 64			0 51 0 25						1		64			1 6			12	54			64	
									(	0	1	64								54				
	6	54 64 54 64			0 46					) 0		64	64 64						12 12	54		64	64	
C 3 Bongo H Stereo C#3 Bongo L Srereo		54 64			0 64				- (	) 0	1		64						12	54			64	
D 3 Conga H Mute Stereo		54 64			0 64														12	54				
D#3 Conga H Open Stereo	- 6				0 64						_								12	54			64	
E 3 Conga L Stereo		54 64			0 64					) 0	- 1	64	64						12	54	1 0		64	
F 3 Timbale H Stereo		54 64			0 64					0 0	1								12	54			64	
F#3 Timbale L Stereo		54 64			0 64				(		- 1	64	64						12	54			64	
G 3		54 64			0 34						1								12	54			64	
G#3	6				0 34			54			1	64							12	54			64	
A 3 Cabasa Stereo		54 64	90		0 64			54	(	0	1	64	64	64	64	1 6	4 64	64	12	54		64	64	64
Bb3 Maracas Stereo		54 64			0 64					0	1								12	54			64	
B 3	6	54 64	103		0 101				(	1	1	64	64		64	1 6			12	54	(		64	64
C 4		54 64			0 101			54		1	1	64							12	54	(	64	64	64
C#4 Guiro Short Stereo	6				0 64			54	(	0	1								12	54			64	
D 4 Guiro Long Stereo		54 64			0 64			54	(	) 1	1	64							12	54	(		64	
D#4	6				0 64							V-F	64						12	54	(		64	
E 4		54 64			0 104				(		1		64						12	54	(		64	
F 4		54 64			0 104														12	54			64	
F#4 Cuica Mute Stereo	- 6				0 64				(	0	1								12	54				
G 4 Cuica Open Stereo		54 64			0 64			54	(	0	1	64							12	54			64	
G#4 Triangle Mute Stereo		54 64			2 64		12				1		64			1 6			12	54			64	
A 4 Triangle Open Stereo		54 64			2 64				(		- 1		64						12	54			64	
Bb4 Shaker Stereo		54 64			0 64														12	54			64	
B 4		54 64			0 105				(	0	1								12	54			64	
C 5 Wind Chime Stereo	6				0 64			54	(	0	1	64	64						12	54			64	
C#5	6				0 64								64						12	54			64	
D 5		54 64			0 64				(		1		64						12	54			64	
D#5	6				0 64				(		1	64	64						12	54			64	
E 5		54 64			0 64				(	0	1								12	54			64	
F 5		54 64			0 64		127	127		0	1	64	64						12	54		64	64	
F#5		54 64 54 64			0 64				(	1 0	1	64	64						12	54 54			64	
u >		54 64	1 127	1	uj 64	127	127	127		4 U	1 1	64	64	1 6	H 64	+I 6	ej 64	04	1.2	54	1 0	g 64	64	- 04

Techno Kit K/S

Techno Kit K/S																								
	Pitch			Alternate		Reverb	Chorus	Variation	Kev	Rcy Note	Rcv Note	LPF Coff	LPF	EG	EG	EG	EQ Bass	EQ	EQ Bass E0	2	Output	HPF	Vel. Sens.	Vel. Sens.
Note Instrument	Coarse	Pitch Fine	Level	Group	Pan	Send	Send	Send	Assign	Off	On	Freq.	Reso.	Attack	Decayl	Decay2	Gain		Freq	eble	Select	Cutoff	Pch.	LPF
												-		Rate	Rate	Rate		Gain	^ Fr	eq.		Freq.		Cutoff
C#-1	6			-	0 64			127	(	0	1	64							12	54				
D-1	6			-	0 64			127	(	0	1	64							12	54				
D#-1	6				0 64			127	(		- 1	64							12	54	0			
E-1	6				0 64	127			(	, ,	1	64	64						12	54	0		64	
F-1	6				0 64				(		1	64							12	54	0			
F#-1	6				0 64				(	0	1	64							12	54				
G-1	6				0 64			127	(	0	1	64	64						12	54				
G#-1	6				0 64				(		1	64	64						12	54	0		64	
A -1	6				0 64				(	0	1	64	64	64	64	1 6	4 64	64	12	54	0	64	64	4 64
Bb-1	6				0 64				(	0	1	64							12	54	0	64		
B -1	6				0 64				(	0	1	64							12	54				
C 0	6	4 64	127		0 64	127	127	127	(	0	1	64	64	64	64	1 6	4 64	64	12	54	0	64	64	4 64
C#0	6	4 64			0 64				(	0	1	64	64	64	64	1 6	4 64	64	12	54	0	64	64	4 64
D 0	6	4 64	127		0 64	127	127	127	(	0	1	64	64	64	64	1 6	4 64	64	12	54	0	64	64	4 64
D#0	6	4 64			0 64				(	0	1	64	64	64			4 64	64	12	54	0	64		
E 0	6	4 64	127		0 64	127	127	127	(	0	1	64	64	64	64	1 6	4 64	64	12	54	0	64	64	4 64
F 0	6	4 64	127		0 64	127	127	127	(	0	1	64	64	64	64	1 6	4 64	64	12	54	. 0	64	64	4 64
F#0	6				0 64		127	127	(	0	1	64	64						12	54	0		64	
G 0	6				0 64		127	127	(	0	- 1	64	64	64	64	1 6	4 64	64	12	54	0	64	64	4 64
G#0	6				0 64				(		- 1								12	54				
A 0	6				0 64				(		1								12	54				
Bb0	6				0 64			127	ì	) 0	i	64	64						12	54	0			
B 0	6				0 64	127	127	127	(	) 0	i	64	64						12	54	0		64	
C 1 Heavy Techno Kick 1	6				0 64		32	127			1								12	54				
C#1 Heavy Techno Kick 2	6				0 64				(										12	54				
D 1 Psychedelic Kick	6				0 64				- (										12	54				
D#1 Gate Tekno Kick	6			-	0 64				,	1 0		64							12	54	. 0			
	6			-	0 64		30	127	- (	) 0	1								12	54				
E 1 Rap Kick F 1 Heavy Techno Kick 3	6				0 64				- (			64	64						12	54			64	
											1													
F#1 Heavy Techno Kick 4	6				0 64				(										12	54				
G 1 Future Kick	6				0 64				(		1								12	54				
G#1 Asian Kick	6				1 64		32	127	(			64							12	54				
A 1 Imbalance Kick	6	4 64	125			32	32	127							64	1 6	4 64	64	12	54			64	
Bb1 Justice Kick	6				0 64				(		- 1		64						12	54			64	
B 1 Minimal Kick	6				0 64														12	54				
C 2	6				0 64				(	0	- 1								12	54				
C#2	6		127		0 64		127	127	(	0	1	64							12	54				
D 2	6	4 64	127		0 64	127	127	127	(						64	1 6			12	54			64	
D#2	6				0 64				(	, ,	1	V-F	64						12	54	0		64	
E 2 Radio Snare	6				0 64				(		- 1	64	64						12	54				
F 2 Cold Dry Snare 1	6				0 64				(	0	1								12	54	0			
F#2 Slap Snare	6		116		0 64	127	127	127	(	0	- 1	64	64						12	54	0	64		
G 2 Cold Dry Snare 2	6				0 64		127		(		- 1		64						12	54	0			
G#2 Cold Dry Snare 3	6				0 64				(	0	1								12	54	0			
A 2 Lo-Fi Metal Snare	6	4 64	112		0 64	127	127	127	(	0	- 1			64	64	1 6		64	12	54			64	4 64
Bb2	6				0 64				(	0	1	64							12	54	0	64		
B 2	6		127		0 64	127	127	127	(	0	1	64	64						12	54	0	64		
C 3	6	4 64	127		0 64		127	127	(	0	1	64	64	64	64	1 6	4 64	64	12	54	0	64	64	4 64
C#3	6	4 64	127		0 64	127	127	127	(	0	1	64	64	64	64	1 6	4 64	64	12	54	0	64	64	4 64
D 3	6				0 64				(	0	1	64							12	54		64		
D#3	6				0 64				(	0	1	64							12	54	0	64		
E 3	6	4 64	127		0 64	127	127	127	(	0	1	64	64	64	64	1 6	4 64	64	12	54	0	64	64	4 64
F 3	6	4 64	127		0 64	127	127	127	(	0	1	64				1 6			12	54	0			4 64
F#3	6	4 64			0 64				(	0	1	64	64	64	64	1 6	4 64	64	12	54	0	64	64	
G 3	6		127		0 64	127	127	127	(	0	1	64							12	54				4 64
G#3 Hi Pitch Slap H	6				0 64				(	0	1	64							12	54	0			
A 3 Hi Pitch Slap L	6		127		0 64	127	127	127	(	0	1	64					4 64	64	12	54	0			
Bb3	6				0 64		127	127	(		1								12	54				
B 3	6				0 64		127	127	(	0	1	64	64						12	54			64	
C 4	6				0 64				(		1								12	54				
C#4	6				0 64				(		_								12	54				
D 4	6				0 64			127		) 0	i	64							12	54	. 0			
D#4	6				0 64		127	127	(	) 0	i								12	54				
E 4	6				0 64		127	127	(		i		64						12	54				
F 4	6				0 64														12	54				
F 4	6				0 64				- (										12	54				
F#4 G 4	6			-	0 64			127	,			64							12	54				
G#4	6						127	127	- (		1								12	54	. 0			
A 4	6	4 64 4 64	127		0 64	127	127	127	- (		1		64 64	64	64	1 6		64	12	54 54			64	4 64 4 64
Bb4	6				0 64				(										12	54				
B 4	6				0 64				(		1								12	54				
C 5	6		127		0 64		127	127	(		1	64	64						12	54	0		64	
C#5	6				0 64				(										12	54				
D 5	6				0 64			127	(		1		64						12	54	0		64	
D#5	6				0 64				(		1	64							12	54	0			
E 5	6				0 64				(		- 1								12	54				
F 5	6		127		0 64		127	127	(		1	64	64						12	54	0		64	
F#5	6				0 64	127			(	0	1		64						12	54				
G 5	6	4 64			0 64	127	127	127				64	64	66	64	1 6	4 64	64	12	54	. 0	64	64	1 64

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Note	Instrument	Pitch	Pitch Fine	Level	Alternate	Pan	Reverb	Chorus	Variation	Key			LPF Coff		EG Attack	EG Decay1	EG EQ Base		EQ Bass	EQ Treble	Output	HPF Cutoff	vei. Sens.	Vel. Sens. LPF
		Coarse			Group		Send	Send		Assign	Off	On	Freq.	Reso.	Rate	Rate	Rate	Gain	Freq	Freq.	Select	Freq.	Pch.	Cutoff
C#-1 D -1		64 64		127		64		127	127 127	-	0 0	- 1	64			4 64 1 64			12	54 54		64		64 64
D#-1		64		127		64	127	127	127		0 0		64					4 64	12			64		64
E -1		64	64			64	127	127	127		0 0	1	64		4 6				12			64		64
F-1		64				64	127	127	127		0 0		64						12			64		64
F#-1 G -1		64 64				64		127	127 127	-	0 0		64						12			64		64 64
G#-1		64				64		127	127		0 0	1	64					4 64	12			64		64
A -1		64	64			64		127	127		0 0	1	64						12			64		64
Bb-1 B -1		64 64				64		127 127	127 127	-	0 0	- 1	64						12			64		64 64
C 0		64				64		127	127		0 0	1							12					64
C#0		64	64	127		64	127	127	127		0 0	1	64	64		4 64	64 (	4 64	12			64	64	64
D 0 D#0		64 64				64		127 127	127 127		0 0		64						12			64		64 64
E 0		64				64		127	127		0 0		64						12			64		64
F 0		64	64	127		64	127	127	127		0 0	1	64			4 64			12	54		64		64
F#0		64				64		127	127		0 0								12			64		64
G 0 G#0		64 64				64		127 127	127 127		0 0	_	64						12			64		64 64
Α 0		64				64		127	127		0 0	i	64						12			64		64
Bb0		64	64	127		64	127	127	127		0 0		64	64	4 6	4 64	64	4 64	12	54		64	64	64
B 0	Harry Town II I	64		127 118				127 127	127 127		0 0		64						12 12			64		64
	Hyper Tom H 1 Asian Tom H	64 64				64		127	127		0 0	- 1	64						12			64		69 64
D 1	Lo-Fi Tom H	64	64	127		64	127	127	127		0 0	i	64	- 64	4 6	4 64	64 (	4 64	12	54	C	64	64	64
D#1	Hyper Tom H 2	64	64			64		127	127 127		0 0	1	64						12			64	64	64
E I	Flanged Tom H Minimal Tom H	64 64				64		127	127		0 0		64					4 64	12			64		64 64
F#1	Vox Drum H	64	64	108		64	127	127	127		0 0	i	64			4 64	64 (		12	54		64	64	64
G 1	Android Walk 1 H	64	64	112		64	127	127	127		0 0	1	64	64	4 6	4 64	64 (		12			64	64	64
	Android Walk 2 H Electro Blip H	64 64	64 64	119		64	127 127	127 127	127 127		0 0	1	64						12			64	64 64	64 64
	Wood Percussions H	64				64	127	127	127		0 0		64						12			64		64
B 1	Wood Door Open H	64				64			127		0 0								12			64		
C 2	Reso Noise Burst H LFO Metal Attack H	64				64		127 127	127 127	-	0 0	1	64					4 64	12			64		64
	Steel Conga H	64				64		127	127		0 0								12			64	64	64 64
D#2	Rate Down Snare H	64	64	127		64	127	127	127		0 0		64	64	4 6	4 64	64 (	4 64	12	54		64	64	65
	Pop Ambient H	64				64		127	127		0 0								12			64		64 64
F#2	Tunnel Ambient H Vibraslap H	64	64	112 116		64	127 127	127 127	127 127		0 0		64						12			64		64
G 2	Gun Shot Slap H	64	64	127		64	127	127	127		0 0	1	64	64	4 6	4 64	64 (		12	54		64	64	64
	Punch Snare H Bomb Snare H	64 64				64		63 127	127 127		0 0								12			64		64 64
	Space Tambourine H	64				64		127	127		0 0	1							12			64		
B 2	Ambient Cow Bell H	64	64	125		64	127	127	127		0 0	1							12	54		64	64	64
	Chink Hat H Coal Mine 1 H	64				64		95 95	127 127		0 0	1	64			1 64			12			64		64 64
D 3	Coal Mine 2 H	64				64		127	127		0 0								12			64		64
D#3	Hammer Hit 1 H	64	64	107		64	127	127	127		0 0	- 1				4 64	64 6		12	54		64	64	64
	Hammer Hit 2 H	64				64		95 127	127 127		0 0	1	64						12			64		64
F#3	Hammer Hit 3 H Insensible Hah H	64				64		127	127		0 0								12					64 64
G 3	Robot 1 H	64	64	108		64	127	127	127		0 0	1	64		4 6	4 64	64 (		12	54		64	64	64
	Insensible Fuh H Robot 2 H	64				64		127	127 127	-	0 0	1							12			64		64
	Rude Loop Cymbal H	64				64	127	127	127		0 0		64						12			64		64 64
B 3	Noise Burst H	64	64	103		64	127	127	127		0 0	1	64	64	4 6	4 64	64 (	4 64	12	54		64	64	64
	Fizzer H	64		110		64	127	127	127		0 0	1	64						12			64		64
	Lo-Fi Shaker H Temple Gong H	64				64		127 127	127 127		0 0								12			64		64 64
D#4		64	64	127		64	127	127	127		0 0	1	64	64	4 6	4 64	64 (	4 64	12	54		64	64	64
E 4		64				64		127	127 127		0 0								12			64		64
F 4 F#4		64 64				64		127	127 127		0 0								12			64		64 64
G 4		64	64	127		64	127	127	127		0 0		64	64	4 6	4 64	64 (	4 64	12	54		64	64	64
G#4		64	64	127		64	127	127	127		0 0		64		4 6	4 64	64 (		12	54		64	64	64 64
A 4 Bb4		64 64		127		64		127	127 127		0 0	1	64						12			64		64
B 4		64	64	127		64		127			0 0	i							12			64		64
C 5		64		127		64		127	127		0 0	1							12			64		64
C#5 D 5		64				64	127 127	127 127	127 127	-	0 0	1	64 64						12			64		64 64
D#5		64	64	127		64	127	127	127		0 0	i	64	64	4 6	4 64	64	4 64	12	54		64	64	64
E 5		64				64		127	127		0 0	1	64			4 64			12			64		64
F 5 F#5		64		127 127		64		127 127	127 127		0 0	1	64						12			64		64 64
G 5		64				64		127	127		0 0		64						12			64		64

Techno K	it Lo
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N	Instrument	Pitch	Pitch Fine	T1	Alternate	Pan	Reverb	Chorus	Variation			Rcv Note	LPF Coff	LPF	EG Attack	EG Decay1	EG Decay2	EQ Bass	EQ Treble	EQ Bass	EQ Treble	Output	HPF Cutoff	vei. Sens.	Vel. Sens. LPF
Note	Instrument	Coarse	Pitch Fine	Level	Group	Pan	Send	Send	Send	Assign	Off	On	Freq.	Reso.	Attack	Rate	Decay2 Rate	Gain	Crim	Freq	Frenie	Select	Cutorr	Pch.	Cutoff
C#-1		64	1 64	127		64	127	127	127	-	) 0	1	64	64	1 64			64	64	13	2 54		64	64	64
D -1		64	4 64			64	127	127	127	- (	0	- 1	64	64	1 64	4 64	64	64	64	13	2 54		64	64	64
D#-1		64				64		127	127		0	1	64					64					64		64
E-1		64				64		127	127		, ,		- 04					64					64		64
F -1 F#-1		64				64		127 127	127 127				64					64					64		64 64
G -1		64				64		127	127		) 0		64					64					64		64
G#-1		64	1 64	127		64	127	127	127	-	0	1	64					64		13	2 54	(	64	64	64 64
A -1		64				64		127	127		, ,		- 04					64					64		64
Bb-1		64				64		127	127				64					64					64		64
B -1 C 0		64				64		127 127	127		0 0		64					64		12			64		64
C#0		64				64		127	127		) 0		64					64					64		64 64
D 0		64	4 64	127		64	127	127	127	- (			64	64	4 64	4 64	64	64	64	13			64	64	64
D#0		64				64			127				64					64					64		64
E 0		64				64	127 127	127 127	127 127		0	1	64 64					64		12			64		64 64
F#0		64				64		127	127		) 0		64					64		13			64		64
G 0		64				64		127	127		0	1						64		12	2 54		64		64
G#0		64				64		127	127		0		64										64		64
A 0		64				64			127		0 0	1											64		64
Bb0 B 0		64				64	127	127 127	127		0 0		64					64		12			64		64 64
	Hyper Tom L 1	64				64		127	127									64					64		69
C#1	Asian Tom L	64	1 64	127		64	127	127	127							4 64	64	64	64	13	2 54		64	64	64
D 1	Lo-Fi Tom L	64				64		127	127		0	1						64					64		64
	Hyper Tom L 2	64				64		127	127		0 0	1	64					64					64	64	64 64
EI	Flanged Tom L Minimal Tom L	64				64		127	127				64			4 64 4 64		64					64		64
	Vox Drum L	64				64		127	127				64			4 64							64		64
	Android Walk 1 L	64				64		127	127		0	- 1						64					64		64
	Android Walk 2 L	64				64		127	127		0	1	64					64					64		64
A l	Electro Blip L Wood Percussions L	64	1 64	125		64	127	127	127			1	64			4 64 4 64	64	64					64	64	64 64
B I	Wood Door Open L	64				64			127		) 0		64					64					64		64
C 2	Reso Noise Burst L	64							127		0	1						64					64		64
C#2	LFO Metal Attack L	64				64		127	127		0	1	64					64					64		64 64
D 2	Steel Conga L	64	1 64	116		64	127	127	127		0					4 64	64	64		12			64	64	64
	Rate Down Snare L Pop Ambient L	64				64		127 127	127 127		0 0	1	- 04			4 64 4 64		64					64		65 64
	Tunnel Ambient L	64	1 64			64		127	127									64					64		64
F#2	Vibraslap L	64	1 64	116	(	64	127	127	127	-	0		64		4 64	4 64		64		12	2 54		64	64	64
G 2	Gun Shot Slap L	64				64		127	127			1						64					64		64
	Punch Snare L Bomb Snare L	64 64				64		63 127	127 127			1						64					64		64 64
	Space Tambourine L	64	1 64			64	127		127								64	64					64	64	64
B 2	Ambient Cow Bell L	64	1 64	125		64	127	127	127	-	0	1	64					64	64	13	2 54		64	64	64 64
	Chink Hat L	64				64		95	127			1				4 64		64					64		64
	Coal Mine 1 L Coal Mine 2 L	64				64		95 127	127 127									64					64		64 64
	Hammer Hit 1 I.	64				64			127									64					64		64
	Hammer Hit 2 L	64				64	95	95	127	- (	0	1	64					64			2 54		64		64
F 3	Hammer Hit 3 L	64						127	127			1	- 04					64					64		64
	Insensible Hah L	64				64		127	127			1	64					64					64		64
	Robot 1 L Insensible Fuh L	64	1 64 1 64			64		127	127									64					64		64 64
	Robot 2 L	64				64	127	127	127	-	0 0		64					64			2 54		64		64
Bb3	Rude Loop Cymbal L	64	4 64	117		64	127	127	127	-	0 0	1	64	64		4 64	64	64	64	12	2 54		64	64	64
B 3	Noise Burst L	64				64		127	127		0	1	64					64					64		64
	Fizzer L	64	1 64 1 64			64		127 127	127 127									64					64		64
	Lo-Fi Shaker L Temple Gong L	64				64	127	127	127		) 0		64					64					64		64 64
D#4	Temple Going E	64				64		127	127		0	1						64					64		64
E 4		64	1 64	127		64	127	127	127	- (		1			4 64	4 64	64	64	64	13			64	64	64
F 4		64				64			127														64		64
F#4 G 4		64				64		127 127	127 127		0 0	1	64					64					64		64
G 4 G#4		64				64		127	127		) 0							64					64	64	64 64
A 4		64	1 64			64		127	127		0 0	i		64		4 64	64	64					64	64	64
Bb4		64	1 64	127		64	127	127	127	- (						4 64	64	64					64	64	64
B 4		64				64		127	127		0	1						64					64		64
C 5		64	1 64			64		127 127	127 127		0 0	1	64					64		12			64		64 64
D 5		64				64		127	127							4 64		64		1.			64		64
D#5		64	1 64	127		64	127	127	127	- (		i	64	64	1 64	4 64	64	64	64	13	2 54		64	64	64
E 5		64	1 64	127		64	127	127	127		0	1											64	64	64
F 5 F#5		64	1 64			64		127 127	127 127		0	1	64			4 64		64		12			64		64 64
F#5		64	1 64			64	127	127	127				64			1 64		64					64		64
9.7		II 04	1 04	1 .27		1 04		1 .27	127	1 '	1 0		1 04	1 04	.1	1 04	0.4	04	1 04	1 1.		1		34	

Sakı	ıra Kit																						
Note	nstrument	Pitch	Pitch Fine Level	Alternate	Pan	Reverb	Chorus	Variation Key	Rcv Note	Rev Note	LPF Coff	LPF	EG Attack	EG Decay1	EG Decay2	EQ Bass	EQ Treble	EQ Bass	EQ Treble	Output	HPF Cutoff	Vel. Sens.	Vel. Sens.
		Coarse		Group		Send	Send	Send Assign	Off	On	Freq.	Reso.	Rate	Rate	Rate	Gain	Gain	Freq	Freq.	Select	Freq.	Pch.	Cutoff
C#-1		64			64			127 (	0	)	1 64							54 1	2 54		64		64
D -1 D#-1		64 64			64		127	127 ( 127 (	) (	)	1 64	64						54 I	2 54		0 64		64
E-1		64			64			127 (	) (	)	1 64	64							2 5		0 64		64
F -1		64	64 12	7 (	64	127	127	127 (		)	1 64										64		64
F#-1		64			64			127 (		)	1 64	64									0 64		64
G -1 G#-1		64			64			127 (			1 64	64							2 54		0 64		64
A -1		64			64						1 64	64							2 5		0 64		64
Bb-1		64	64 12		64	127		127 (			1 64			64	64				2 5				
B -1 C 0		64 64	64 12 64 12		64	127					1 64	64			64				2 54		0 64		
C#0		64			64			127 (		)	1 64	64						54 I			) 64		
D 0		64	64 12	7 (	64	127	127	127 (		Ó	1 64								2 54	1 (	64		
D#0		64	64 12	7 (	64	127	127	127 (		)	1 64			64	64				2 54		64		64
E 0 F 0		64 64			64			127 ( 127 (		)	1 64 1 64	64 64									0 64		64
F#0		64			64		127	127 (		)	1 64	64									0 64		64
G 0		64	64 12	7 (	64	127	127	127 (	0	)	1 64	64	64	64	64	64	- 6	54 1	2 54	1 (	64	64	64
G#0		64			64			127 (			1 64	64									0 64		64
A 0 Bb0		64 64			64			127 ( 127 (			1 64 1 64							54 1 54 1	2 56		0 64		64
B 0		64			64			127 (			1 64	64							2 5		0 64		64
C 1	Oora	64	64 12	7 (	64	127	127	127 (	0	)	1 64	64	64	64	64	64	- 6	54 1	2 54	1 (	64	64	64
	Tsuzumi Pon	64			43						1 64	64							2 5		0 64		64
	rsuzumi Pu rsuzumi Ta	64 64			) 49 ) 56			127 (			1 64 1 64								2 54		0 64		64
	rsuzumi Ta	64			78						1 64	64									0 64		64
F 1	Tsuzumi Tsu	64	64 12	7 (	95	127	127	127 (	0	)	1 64	64	64	64	64	64	- 6	54 1	2 54	1 (	64	66	64
	Shimetaiko Ten	64			74						1 64	64						54 1			64		64
	Shimetaiko Tsu Yagura Open	64 64			64		127	127 ( 127 (			1 64	64 64							2 54		0 64		64
	Ohdaiko Rim	64	64 12		64		127	127 (			1 64										0 64		64
Bbl	Oriental Tambourine	64	64 11	6 (	64	127	127	127 (		)	1 64	64	64	64	64	64	. 6				64	64	64
	Oriental Drum 1	64	64 12	7 (	49	127	127	127 (		)	1 64										64		64
	Oriental Drum 2 Oriental Drum 3	64 64			57			127 ( 127 (		)	1 64	64 64									0 64		64
D 2	Oriental Rim 1	64			64						1 64	64							2 5		0 64		64
D#2	Oriental Rim 2	64			64						1 64								2 54		64		65
	Oriental Rim 3	64			72						1 64							54 1					64
F 2	Oriental Rim 4 Oriental Metal Rim 1	64 64	64 11: 64 12	2 (	79	127 127	127 127	127 ( 127 (	0 0	)	1 64 1 64	64		64	64	64	6		2 54		0 64		64
	Oriental Metal Rim 2	64			59			127 (			1 64								2 5		0 64		64
	Oriental Metal Rim 3	64			72			127 (		)	1 64	64							2 5		64		64
	Oriental Metal Rim 4 Oriental Metal Rim 5	64 64	64 10 64 12		81	127		127 ( 127 (		)	1 64	64			64						0 64		64
B 02	Oriental Metal Rim 5	64			64			127 (	) (	)	1 64	64									0 64		64
C 3		64			64			127 (	0	)	1 64	64									64		64
C#3		64			64			127 (		)	1 64										64		64
D 3 D#3		64 64		7 (	64			127 ( 127 (			1 64 1 64							54 1 54 1			0 64		64
D#3 E 3		64			64			127 (			I 64										0 64		64
F 3		64	64 12	7 (	64	127	127	127 (	0	)	1 64	64	64	64	64	64	- 6	54 1	2 5	1 (	64	64	64
F#3		64	64 12		64			127 (			1 64										64		64
G 3 G#3		64 64			64			127 ( 127 (			1 64	64 64							2 54		0 64		64
A 3		64			64	127					1 64												
Bb3		64	64 12	7 (	64	127	127	127 (	0	)	1 64	64	64	64	64	64	- 6	54 1	2 54	1 (	64	64	64
B 3		64			64			127 (			1 64	64							2 54		64		64
C 4 C#4		64 64			64			127 ( 127 (			1 64	64						54 1 54 1			0 64		64
D 4		64			64	127	127	127 (		Ó	1 64								2 56		0 64		64
D#4		64	64 12	7 (	64	127	127	127 (	0	)	1 64	64	64	64	64	64	- 6	54 1	2 54	1 (	64	64	64
E 4		64	64 12		64	127	127	127 (		)	1 64										64	64	64
F 4 F#4		64 64	64 12 64 12	/ (	64	127	127	127 ( 127 (			1 64	64 64									0 64		64
F#4 G 4		64			64			127 (			1 64										0 64		64
G#4		64	64 12	7 (	64	127	127	127 (	0		1 64	64	64	64	64	64	. 6	54 1	2 54	1 (	64	64	64
A 4		64			64						1 64								2 54		64		64
Bb4		64			64			127 (			1 64										0 64		64
		64 64	64 12 64 12	7 (	64	127	127	127 ( 127 (	) (		1 64 1 64	64			64		. 6		2 5		0 64		64
B 4								127 (			1 64								2 5		0 64		64
B 4 C 5 C#5		64			64				,	'	1 04												
B 4 C 5 C#5 D 5		64 64	64 12	7 (	64	127	127	127 (			1 64	64	64	64	64	64	. 6	54 1	2 54	1 (	64	64	
B 4 C 5 C#5 D 5 D#5		64 64	64 12 64 12	7 (	64	127 127	127 127	127 ( 127 (	0 0	0	1 64 1 64	64 64	64	64	64	64 64	6	54 1 54 1	2 54	1 (	64	64 64	64
B 4 C 5 C#5 D 5 D#5 E 5		64 64 64	64 12 64 12 64 12	7 ( 7 (	64	127 127 127	127 127 127	127 ( 127 ( 127 (	0 0	0	1 64	64 64 64	64 64	64 64	64 64 64	64 64	6	54 1 54 1 54 1	2 56 2 56 2 56	1 (	64	64 64	
B 4 C 5 C#5 D 5 D#5		64 64	64 12 64 12 64 12 64 12 64 12	7 (7 7 (7 7 (7	64 0 64 0 64	127 127 127 127 127	127 127 127 127 127	127 ( 127 ( 127 ( 127 ( 127 (	0 0 0	0	1 64 1 64 1 64	64 64 64 64	64 64 64	64 64 64 64	64 64 64 64 64	64 64 64	6	54 1 54 1 54 1 54 1 54 1	2 56 2 56 2 56 2 56		0 64 0 64 0 64	64 64 64 64	64 64 64

Smal	ш.	atın	ı Kıt	

Small Latin Kit																							
	Pitch			lternate		Reverb	Chorus	Variation	Kev	Rcy Note	Rcv Note	LPF Coff	LPF	EG	EG	EG	EQ Bass	EQ E	Q Bass EQ	Output	HPF	Vel. Sens.	Vel. Sens.
Note Instrument	Coarse	Pitch Fine	Level	roup	Pan	Send	Send		Assign	Off	On	Freq.	Reso.	Attack	Decayl	Decay2	Gain		req Treble	Select	Cutoff	Pch.	LPF
												-		Rate	Rate	Rate		Gain	Freq.		Freq.		Cutoff
C#-1	6			0				127	(	0		64									0 6		
D-1	6			- 0	64		127	127		) 0		64								54			
D#-1 E -1	6		127 127	- 0		127		127 127				64	64								0 6		
E-1 F-1	6			- 0	- 04				- (	, ,	1	64								24	0 6		
F-1 F#-1	6			- 0					- (			64									0 6		
G-1	6			- 0	64		127	127		0	- 1	64	64								0 6		
G#-1	6			0			127		- (	0	- 1	64	64								0 6		
A -1	6			0					-		1	64	64								0 6		
Bb-1	6			0	- 04				- (			64									0 6		
B -1	6			0					(			64									0 6		
CO	6			0	64		127	127	(	) 0	i	64	64								0 6		
C#0	6			- 0					(	0	1	64	64								0 6		
D.0	6			0					(	0	1										0 6		
D#0	6	i4 64	127	0	64	127	127	127	(	0	1	64	64	64	64	6	64	64	12	54	0 6	4 64	4 64
E 0	6	i4 64	127	0	64	127	127	127	(	0	1	64	64	64	64	6	64	64	12	54	0 6	4 64	4 64
F 0	- 6	4 64	127	0	64	127	127	127	(	0	1	64	64	64	64	6	64	64		54	0 6	4 64	4 64
F#0	6		127	0			127	127	(		1	64	64								0 6		
G 0	6			0					(												0 6		
G#0	6			0					(												0 6		
A 0	6			0					(	0	1										0 6		
Bb0	6			0	64	127	127	127	(	0	1	64	64						12	54	0 6		
B 0	6		127	0		127	127	127	(		1	64	64								0 6		
C 1 Latin Cymbal Short	6			0					(												0 6		
C#1 Claves SL 1	6			0					(												0 6		
D 1 Claves SL 2	6			0						0	1									54	0 6		
D#1 Claves SL 3 E 1 Claves SL 4	6			- 0	56	127 127	127 127	127 127		) 0	1	64 64											
E 1 Claves SL 4 F 1 Claves SL 5	6			0			127		- (			64	64								0 6		
F#1 Muted Percussion SL 1		i4 64		0					-		1										0 6		
G 1 Muted Percussion SL 2	6			0					- (												0 6		
G#1 Muted Percussion SL 3	6			1	64		127	127	- (		- 1	64								54	0 6		
A 1 Muted Percussion SL 4	6			- 0			127	127			1										0 6		
Bh1 Pandiero	6	4 64		0	64		127	127	(	) 0	i		64								0 6		1 64
B 1 Surdo Mute SL 1	6			0	49				(		i	64	64	64	64	6	64	64			0 6		
C 2 Surdo Mute SL 2	6			0					(												0 6		
C#2 Surdo Open SL	6	i4 64	115	0	64		127	127	(	0	1	64	64	64	64	6	64	64	12	54	0 6	4 64	4 64
D 2 Surdo Rim SL	6	4 64	116	0		127	127	127	(		1	64	64	64	64	6	64	64		54	0 6	4 64	4 64
D#2 Tamborim Mute	6		127	0					(	0	- 1	64	64	64	64	6	64	64			0 6	4 64	
E 2 Tamborim Open	6			0					(		- 1	64	64							54	0 6		
F 2 TimbaleL Drum		i4 64		0					(	0	1										0 6		
F#2 TimbaleH Drum	6		121	0	52		127	127	(	0	1	64	64							54 54	0 6		
G 2 TimbaleL Rim G#2 TimbaleH Rim	6			0					(		1		64 64								0 6		
A 2 Timbale Paila 1	6			0					(												0 6		
Bb2 Timbale Paila 2	6	4 64		0			127	127	- (							6		64			0 6		4 64
B 2	6			- 0	64		127	127	-	) 0	- 1	64	64							54	0 6		
C3	6			- 0		127	127	127	-	) 0	i		64								0 6		
C#3	6			0			127	127	- (	0	1										0 6		
D 3	6			- 0					(		- 1										0 6		
D#3	6			0					(		1	64									0 6		
E 3	6	i4 64	127	0	64	127	127	127	(	0	1	64	64	64	64	6	64	64	12	54	0 6	4 64	4 64
F 3	6	i4 64	127	0	64	127			(		1	V-F	64	64	64	6	64	64			0 6	4 64	4 64
F#3	6			0					(		1	64	64								0 6		
G 3	6			0					(		1										0 6		
G#3	6			0					(		1	64									0 6		
A 3	6		127	0	64		127	127	(		- 1	64									0 6		
Bb3	6			0					(		1	V-F									0 6		
B 3	6			0			127				1	64	64							54	0 6		
C 4	6			0					(		1										0 6		
	6			0			127 127	127 127	(	0	1										0 6		
D 4 D#4	6			- 0			127			) 0	1	64 64											
D#4 E 4	6			- 0			127	127	- (		1		64								0 6		
F 4	6			- 0					- (												0 6		
F#4	6			0					- (												0 6		
G 4	6			0	64			127	-	) 0	- 1	64								54	0 6		
G#4	6			0			127	127	- (	) 0	1		64								0 6		
A 4	6	4 64	127	0		127	127		(	0	i		64	64	64	6		64		54	0 6	4 64	4 64
Bb4	6			0					(												0 6		
B 4		4 64		0					(												0 6		
C 5	6	i4 64	127	0		127	127	127	(		1	64	64		64	6			12	54	0 6	4 64	4 64
C#5	6			0					(												0 6		
D 5	6			0				127	(	0	1		64							54	0 6		
D#5	6			0					(		1										0 6		
E 5	6			0					(		1										0 6		
F 5	6		127	0	64		127	127	(		1	64	64							54	0 6		
F#5	6			0		127	127		(	0	1		64							54	0 6		
G 5	6	i4 64	127	0	64	127	127	127	(	դ 0	1	64	64	64	64	6	64	64	12	54	0 6	4 64	4 64

Chi	na Kit																							
	Instrument	Pitch	D. 1 D.		Alternate	Pan	Reverb	Chorus	Variation Key	Rcv Note	Rcv Note	LPF Coff	LPF	EG Attack	EG .	EG 2	EQ Bass	EQ Treble	EQ Bass	EQ Treble	Output	HPF Cutoff	Vel. Sens.	Vel. Sens. LPF
Note	Instrument	Coarse	Pitch Fine	Level	Group	Pan	Send	Send	Send Assign	Off	On	Freq.	Reso.	Rate	Decay1 Rate	Decay2 Rate	Gain	Gain	Freq	Freq.	Select	Freq.	Pch.	Cutoff
C#-1		64				64		127	127	) (	)	1 64										64		64
D -1 D#-1		64 64				64						1 64										0 64		64 64
E-1		64	64			) 64		127				1 64										0 64		64
F -1		64	64	127	(	64	127	127	127	) (		1 64	64	6	4 6	64	64	6	4 1	2 54	1 (	64	64	64
F#-1		64				64		127	127		)	1 64								2 54		64		64
G -1 G#-1		64 64				64		127	127	) (	)	1 64								2 56		0 64		64 64
A -1		64			(	64		127		) (	Ó	1 64										0 64		64
Bb-1		64				64		127			)	1 64										64		64
B -1 C 0		64 64	64			64	127				_	1 64										0 64		64 64
C#0		64				64						1 64										0 64		64
D 0		64	64	127	(	64	127	127	127	) (		1 64	64	6					4 1:	2 54	1 (	64		64
D#0 E 0		64 64	64		(	64	127	127	127			1 64								2 54	1 (	0 64		64 64
F 0		64				64		127				1 64										0 64		64
F#0		64	64	127	(	64	127	127	127	) (	)	1 64	64	6	4 6	64	64	6	4 1	2 54		64		64
G 0 G#0		64	64			64	127	127			)	1 64										0 64		64
G#0 A 0		64 64				64		127	127		í	1 64 1 64										0 64		64
Bb0		64	64	127	(	64	127	127	127	) (		1 64	64	6	4 6	64	64	6	4 1	2 54	1 (	64	64	64
B 0		64				64		127	127			1 64										0 64		64
C 1	Bangu Dagu Mute	64 64				64	127	127	127			1 64 1 64										0 64		68 68
	Dagu Heavy	64	64	58	3 1	64	127	127	127			1 64	64	6	4 6	64	64	6		2 54	1 (	64	64	68
D#1	Paigu High	64	64	60	) (	64	127	127	127		)	1 64	64	6	4 6	64	64	6				64	64	68
	Paigu Middle Paigu Low	64 64	64			64		127	127		)	1 64										0 64		70 68
F#1	Paigu Low	64				) 64		127			)	1 64										0 64		64
G 1		64	64	127	(	64	127	127	127			1 64	64	6	4 6	64	64	6				64	64	64
G#1		64				) 64						1 64										0 64		64
A l Bbl		64 64	64			64	127	127				1 64										0 64		64 64
B I		64			ì	64			127			1 64				64						0 64		64
C 2		64				64					)	1 64										64		64
C#2 D 2		64 64				64		127	127		)	1 64								2 54		0 64		64 64
D#2		64			7 (	64		127			)	1 64										0 64		64
E 2	Zhongcha Mute	64	64	85		90	127	127	127			1 64	64	6	4 6	64	64	6				64	64	77
F 2	Zhongcha Open Zhongluo Mute	64 64	64		5 2	90		127 127	127			1 64 1 64										0 64		64 69
	Zhongluo Open	64				36		127	127		-	1 64										0 64		64
	Xiaoluo Open	64				36		127														64		67
	Xiaocha Mute Xiaocha Open	64 64				84 1 84																0 64		75 64
B 2	Анаосна Орен	64				) 64		127				1 64								2 54		0 64		64
C 3		64	64	127		64									4 6	64						64		64
C#3 D 3		64 64	64			64					-	1 64										0 64		64 64
D#3		64				) 64		127	127		)	1 64										0 64		64
E 3		64	64	127	(	64	127	127	127			1 64	64	- 6	4 6	64	64	6		2 54	1 (	64	64	64
F 3		64				) 64																0 64		64
F#3 G 3		64 64				64		127	127		)	1 64								2 54		0 64		64 64
G#3	Bangzi	64	64	101	(	64	127	127	127	) (	)	1 64	64	6	4 6	64	64	6	4 1	2 54	1 (	64	64	79
	Muyu High	64				64		127			)	1 64										64		79
	Muyu Mid-High Muyu Mid	64 64				64						1 64										0 64		75 78
C 4	Muyu Mid-Low	64	64	127	(	64	127	127	127	) (	)	1 64	64	6	4 6	64	64	6	4 1	2 54	1 (	64	64	76
C#4	Muyu Low	64	64	111		64	127					4 07										64		78
D 4 D#4		64 64				64																0 64		64 64
E 4		64	64	127	(	64	127	127	127	) (	)	1 64			4 6	64	64	6		2 54	1 (	64		64
F 4		64	64	127	(	64	127	127	127	) (	)	1 64	64	6	4 6	64	64	6				64	64	64
F#4 G 4		64 64				64		127	127		)	1 64								2 54		0 64		64 64
G#4		64	64	127		64	127	127	127		ó	1 64			4 6	64				2 54	1 (	0 64		64
A 4		64	64	127		64	127	127	127	) (	)	1 64	64	6	4 6	64	64	6	4 1	2 54	1 (	64	64	64
Bb4 B 4		64	64	127		64		127	127		)	1 64										0 64		64 64
E 4		64 64				64		127	127		1	1 64										0 64		64
C#5		64	64	127	(	64	127	127	127	) ]		1 64	64	6	4 6	64	64	6	4 1	2 54	1 (	64	64	64
D 5		64	64	127	(	64	127	127	127		1	1 64	64	6	4 6	64						64	64	64
D#5 E 5		64 64				64					l i	1 64										0 64		64 64
F 5		64	64	127	(	64	127	127	127	) 1	1	1 64	64	6	4 6	64	64	6		2 54	1 (	0 64		64
F#5		64	64	127	(	64	127	127	127	) ]	1	1 64	64	6	4 6	64	64	6	4 1	2 54		64	64	64
G 5		64	64	127	(	64	127	127	127	) 1	1	1 64	64	6	4 6	64	64	6	4 1	2 54	1 (	64	64	64

#### Live! AfroCuban Kit1

Erre. Throcustat The	Pitch	l		Alternate		Reverb	Chorus	Variation	Key	Rcv Note	Rcv Note	LPF Coff	LPF	EG	EG	EG EO	Bass	EQ	EQ Bass	EQ	Output	HPF	Vel. Sens.	Vel. Sens.
Note Instrument	Coarse	Pitch Fine	Level	Group	Pan	Send	Send	Send	Assign	Off	On	Freq.	Reso.	Attack	Decay1 Rate	Decay2 Gai		Treble	Freq	Treble	Select	Cutoff	Pch.	LPF Cutoff
C#-1	64	4 64	- 1	27 (	0 64	64	12	54	(	0	1	64	64	Kate 6		Kate 64	64	Gain 64	1 1	2 54	1 (	) 64	64	
D-1	64				0 64			54	(	0	1	- 01					64			2 54				
D#-1	64			27 (	0 64			54 54	(	0	1	64	64				64			2 54	1 (		64	
E-1 F-1	64			27 (	0 64			54			1	64					64			2 54			64	
F#-1	64			27 (	0 64			54	(		1	64					64			2 5			64	
G-1	64		- 1		0 64			54		0	1	64					64			2 5			64	
G#-1	64				0 64			54			1	64					64			2 54			64	
A -1 Bb-1 Conga H Tip Stereo	64				0 64			54 54			1	64					64			2 54	1 (		64	
B -1 Conga H Heel Stereo	64				0 64			54	(	0	1	64					64			2 5	1 (		64	
C 0 Conga H Open Stereo	64				0 64					0	1	64					64			2 54		64	64	
C#0 Conga H Mute Stereo  D 0 Conga H Slap Open Stereo	64				0 64			54		0	1						64			2 54			64	
D 0 Conga H Slap Open Stereo D#0 Conga H Slap Stereo	64		1	27 (	0 64			54 54		0	1	64					64			2 54	1 (		64	
E 0 Conga H Slap Mute Stereo	64		1		0 64				(	0	1	64	64				64			2 54	1 (		64	
F 0 Conga L Tip Stereo	64				0 64			54			1	64					64			2 5			64	
F#0 Conga L Heel Stereo G 0 Conga L Open Stereo	64			27 ( 27 (	0 64			54 54	(	0	1						64			2 54				
G 0 Conga L Open Stereo G#0 Conga L Mute Stereo	64		1	27 (	0 64			54		0	1	64	64				64			2 5	1 (	64	64	
A 0 Conga L Slap Open Stereo	64		- 1	27 (	0 64			54		0	1						64		1 1	2 54	1 (		64	
Bb0 Conga L Slap Stereo	64				0 64			54			1						64			2 5			64	
B 0 Conga L Slide Stereo C 1 Bongo H Open 1 Finger Stereo	64			27 (	0 64			54 54			1	64					64 64			2 5	1 (		64	
C#1 Bongo H Open 3 Finger Stereo	64			27 (	0 64			54			1	64					64			2 54	1 (		64	
D 1 Bongo H Rim Stereo	64		- 1	27 (	0 64			54		0	1						64		1 1	2 54			64	
D#1 Bongo H Tip Stereo	6				0 64			54			1	64					64			2 5			64	
E 1 Bongo H Heel Stereo F 1 Bongo H Slap Stereo	64			27 (	0 64			54 54		0	1	64					64			2 54			64	
F#1 Bongo H Siap Stereo F#1 Bongo L Open 1 Finger Stereo	64			27 (						0	1	64					64			2 54			64	
G 1 Bongo L Open 3 Finger Stereo	64				0 64			54			1						64			2 54			64	
G#1 Bongo L Rim Stereo	64				0 64			54			1	64					64			2 5			64	
A 1 Bongo L Tip Stereo	64				0 64			54 54			1	64					64			2 54			64	
Bb1 Bongo L Heel Stereo B 1 Bongo L Slap Stereo	64			27 (	0 64			54			- 1	64					64			2 5	1 (			
C 2 Timbale L Open Stereo	64				0 64			54			1						64			2 54			64	
C#2 Timbale L Mute Stereo	64				0 64				(		1		64				64			2 54			64	
D 2 Timbale L Rim Stereo	64				0 64			54 54									64			2 54			64	
D#2 Timbale L Sidestick Stereo E 2 Timbale L Roll Stereo	64			27 (	0 64			54		1 1	- 1	64					64			2 54	1 (		64	
F 2 Timbale L Paila Stereo	64	4 64	1	27 (	0 64	64	12	54	(		1	64	64	6	6	64	64	64	1 1	2 54	1 (	64	64	64
F#2 Timbale H Open Stereo	64				0 64												64			2 54			64	
G 2 Timbale H Mute Stereo G#2 Timbale H Rim Stereo	64				0 64			54 54									64			2 54				
A 2 Timbale H Sidestick Stereo	64			27 (	0 64			54	(	0	1	64					64			2 5	1 (		64	
Bb2 Timbale H Roll Stereo	64	4 64	- 1	27 (	0 64	64	12	54	(	1	1	64	64		6	64	64	64	1 1	2 54	1 (		64	64
B 2 Timbale H Paila Stereo	64				0 64												64			2 54			64	
C 3 Cowbell Top Stereo C#3 Cowbell End Stereo	64				0 64			54 54		0	1						64			2 54			64	
D 3 Wood Block 1 H Stereo	64				0 64					0	1						64			2 5			64	
D#3 Wood Block 1 L Stereo	64	4 64	- 1	27 (	0 64	64	12	54	(	0	1	64	64	6	6	64	64	64	1 1	2 54	1 (		64	64
E 3 Guiro Short Stereo	64				0 64												64			2 54			64	
F 3 Guiro Long Stereo F#3 Claves 1 Stereo	64				0 64			54 54			1						64			2 5			64	
G 3 Vibraslap Small Stereo	64			27 (	0 64			54		0	1	64					64			2 54			64	
G#3 Tambourine Stereo	64		- 1	27 (	0 64			54	(		1	64					64		1 1	2 54			64	64
A 3 Tambourine Shake Stereo	64				0 64			54 54	(		1	64					64			2 54			64	
B 5 B 3	64				0 64						1		64				64 64			2 54			64	
C 4 Maracas 1 Stereo	64				0 64			54		-							64			2 5			64	
C#4 Shaker Stereo	64		- 1	27 (	0 64			54	(	0	1	64					64			2 54	1 (		64	64
D 4 Cabasa Stereo	64		1		0 64		12										64			2 5			64	
D#4 E 4	64				0 64												64			2 54			64	
F 4	64				0 64			54									64			2 54				
F#4	64		- 1	27 (	0 64	64	12	54		0	1	64	64	6	6	64	64	64	1 1	2 54		64	64	64
G 4	64			27 (	0			54	(		1	64					64			2 54	1 (		64	
G#4 A 4	64				0 64			54 54									64			2 54			64	
Bb4	64		i		0 64			54	(		1						64			2 5			64	
B 4	64	4 64	- 1	27 (	0 64	64	12	54	(	0	1	64	64	6	6	64	64	64	1 1	2 54	1 (		64	64
C 5	64		1	27 (				54			1	64					64		1	2 54	1 (		64	
C#5 D 5	64				0 64			54 54			1		64				64			2 54	1 (		64	
D#5	64				0 64			54									64			2 5			64	
E 5	64		- 1	27 (	0 64			54			- 1						64		1 1	2 54			64	
F 5	64			27 (	0 64			54	(		1	64					64			2 54	1 (		64	
F#5 G 5	64				0 64			54 54		0	1	64					64			2 56			64	
3	■ 0 <sup>4</sup>	- 04	1 1		04	04	1 12	34		1 0		04	. 04		0		- 04	04	1 1	J.	-	/ 04	04	- 04

#### Live! AfroCuban Kit2

DAYO: THIS COOKIN TELE	L			1	1	L .	1		L	L	L		L	EG	EG	EG	EQ		EO	L	HPF		Vel. Sens.
Note Instrument	Pitch Coarse	Pitch Fine	Level	Alternate	Pan	Reverb Send	Chorus Send	Variation Send	Key	Rcv Note Off	Rcv Note On		LPF Reso	Attack	Decayl	Decay2 EQ Base Gain	Trebl	le EQ Bass	Treble	Output	Cutoff	Vel. Sens. Pch	LPF
	Coarse			Group		Senu	Senu	senu	Assign	Oli	Oii	Freq.	Reso.	Rate	Rate	Rate	Gain	Freq	Freq.	Select	Freq.	rcii.	Cutoff
C#-1	64			27	64			54	(	0	1	64	64				i4		2 5	4 C	64	64	
D-1	64				64				(	0	1	64					i4		2 5				
D#-1 Quinto Tip Stereo	64			27	64			54	(	0	1	64	64				i4		2 5	\$ C		64	
E -1 Quinto Heel Stereo	64			27	64				(	0	1	64	64				i4		2 5	\$ C		64	
F -1 Quinto Open Stereo	64				64						1	64	64				54		2 5			64	
F#-1 Quinto Mute Stereo	64			27	64			54	(	0	1	64	64				i4		2 5	1 (		64	
G -1 Quinto Slap Open Stereo	64		1		) 64					0	1	64	64				i4		2 54			64	
G#-1 Quinto Slap Stereo	64				64					, ,	1	64					i4		2 5			64	
A -1 Quinto Slap Mute Stereo	64				) 64			54	(		1	64					i4		2 5	\$ C		64	
Bb-1 Conga Mellow H Tip Stereo	64				) 64						1	04	0-1				i4		2 5			64	
B -1 Conga Mellow H Heel Stereo	64				64				(		1	64	64				i4		2 5			64	
C 0 Conga Mellow H Open Stereo	64				64						1	64	64				i4		2 5	\$ C		64	
C#0 Conga Mellow H Mute Stereo	64				) 64				(	0	1						i4		2 54			64	
D 0 Conga Mellow H Slap Open Stereo	64		1	27	64			54	(	0	1	64					i4		2 5	\$ C		64	
D#0 Conga Mellow H Slap Stereo	64		1		0 64				(		1		64				i4		2 54			64	
E 0 Conga Mellow H Slap Mute Stereo	64				0 64				(		- 1	64	64				4		2 54	1 (		64	
F 0 Conga SubLow Tip Stereo	64				64						1	64	64				54		2 54			64	
F#0 Conga SubLow Heel Stereo	64				0 64				(	0	1						4		2 5	1 C			
G 0 Conga SubLow Open Stereo	64			27	64			54	(	0	1	64	64				54		2 5	1 (	64	64	
G#0 Conga SubLow Mute Stereo	64			27	0 64			54	(	0	1	64	64				i4	64 I		1 C		64	
A 0 Conga SubLow Slap Open Stereo	64				) 64												4		2 5			64	
Bb0 Conga SubLow Slap Stereo	64				) 64						1	64					4		2 5			64	
B 0 Conga SubLow Slide Stereo	64				0 64				(		1	64	64				i4		2 54			64	
C 1	64			27	) 64						1	64	64				4		2 5	1 (		64	
C#1	64			27	64			54	(		1	64	64				i4	64 1		1 C		64	
D 1	64				64					, ,	1	- 04	64				4		2 54	,		64	
D#1	64				64						1	64					i4		2 54			64	
E l	64				64					0	1	64					i4		2 54			64	
F 1	64			27	64			54		0	1	64	64				4		2 54			64	
F#1	64			27							1	64	64				i4		2 5			64	
G 1	64				64						1						i4		2 5			64	
G#1	64				64						1	64	64				i4		2 5			64	
A 1	64				64					0	1	64	64				64		2 5			64	
Bbl	64				64			54	(	0	1	64					64		2 5			64	
B 1	64			27	64			54	(	0	1	64					64		2 5	4 C		64	
C 2 Timbalito L Open Stereo	64				64						1	- 04	64				64		2 5	,		64	
C#2 Timbalito L Mute Stereo	64				64				(		1	64	64				64		2 5			64	
D 2 Timbalito L Rim Stereo	64				64								64				64		2 5			64	
D#2 Timbalito L Sidestick Stereo	64				64					0	1						64		2 5	4 C		64	
E 2 Timbalito L Roll Stereo	64			27	64			54		1	1	64	64				i4		2 5	4 C		64	
F 2 Timbalito L Paila Stereo	64		1	27					(		1		64				i4		2 5	4 C		64	
F#2 Timbalito H Open Stereo	64				64												54		2 5	\$ C		64	
G 2 Timbalito H Mute Stereo	64				64												54		2 54				
G#2 Timbalito H Rim Stereo	64				64				(	0	1						54		2 5				
A 2 Timbalito H Sidestick Stereo	64			27	64			54	(	0	1	64	64				54		2 54	\$ C		64	
Bb2 Timbalito H Roll Stereo	64			27	64				(	) 1	1	64	64				54		2 5	\$ C		64	
B 2 Timbalito H Paila Stereo	64				0 64								64				i4		2 54			64	
C 3 Latin Cowbell Top Stereo	64				0 64				(	0	1		64				i4		2 54			64	
C#3 Latin Cowbell End Stereo	64				0 64				(	0	1		64				i4		2 54	1 C		64	
D 3 Wood Block 2 H Stereo	64				0 64					0	- 1		64				4		2 54			64	
D#3 Wood Block 2 L Stereo	64			27	) 64			54		0	- 1	64	64				4		2 5	1 (		64	
E 3 Metal Guiro Short Stereo	64				64												4		2 54			64	
F 3 Metal Guiro Long Stereo	64				64						1						i4		2 5			64	
F#3 Claves 2 Stereo	64				64				(	0	1						4		2 5			64	
G 3 Vibraslap Large Stereo	64			27	) 64			54	- (	0	1	64	64				4		2 54			64	
G#3	64				) 64						1	64	64				4		2 54			64	
A 3	64				) 64						1		64				4		2 54			64	
Bb3	64				) 64				(		1	64	64				4		2 54			64	
B 3	64				) 64						1						4		2 54			64	
C 4 Maracas 2 Stereo	64				0 64			54 54	(	0	1						4		2 54			64	
C#4	64			27	0 64				- (	0	1	64					4			1 0		64	
D 4	6		- 1		J (7-1						1		64				4		2 54			64	
D#4	64										1		64				i4		2 54			64	
E4	64				0 64												4		2 54			64	
F 4	64				0 64				(	0	1	- 04					4		2 54				
F#4	64			27	) 64			54	(	0	- 1	64	64				i4		2 5			64	
G 4	64				64				(		- 1	64	64				i4		2 5	1 C		64	
G#4	64				0 64								64				4		2 54			64	
A 4	64				0 64								64				4		2 54				
Bb4	64				0 64				(	1 0	1		64				4		2 54			64	
B 4	64			27	) 64			54	(	0	- 1	64	64				4		2 5	1 0		64	
C 5	64		1	27					(		- 1	64					4		2 5	1 0		64	
C#5	64				0 64												4		2 54			64	
D 5	64				) 64				(		1		64				4		2 5	1 (		64	
D#5	64				) 64						1		64				4		2 5			64	
E 5	64				) 64						1						4		2 5			64	
F 5	64			27	) 64			54	(		- 1	64	64				4		2 5	1 (		64	
F#5	64				0 64					0	1		64				i4		2 54			64	
G 5	64	4 64	1 1	27	64	6	4 12	54	(	y 0	1	64	64	64	6	64 (	4	64 1	2 5	1 (	64	64	64

#### Live! Brazilian Kit

Live! Brazilian Kit																								
	Pitch			Alternate		Reverb	Chorus	Variation	Kev	Rcv Note	Rcv Note	LPF Coff	LPF	EG	EG	EG	EQ Bass	EQ E	EO Bass	Q	Output	HPF	Vel. Sens.	Vel. Sens.
Note Instrument	Coarse	Pitch Fine	Level	Group	Pan	Send	Send	Send	Assign	Off	On	Freq.	Reso.	Attack	Decayl	Decay2	Gain	Treble I	req T	reble	Select	Cutoff	Pch.	LPF
C#-1			12	-	0 64		12	54	-	0 0		. 64		Rate	Rate	Rate 6		Gain 64	12 F	req. 54		Freq.	64	Cutoff 64
D-1	6	54 64 54 64			0 64	64	12	54	- (	) 0	1	64	64						12	54				
D#-1	6				0 64	64		54	- (	) 0	- 1	64	64						12	54			64	
E-1	6				0 64	64	12	54	- (		- 1	64	64						12	54			64	
F-1		54 64			0 64		12	54		, ,	1	64	64						12	54			64	
F#-1 Surdo Hand Stereo	6				2 64		12	54	(		1	64	64						12	54				
G-1 Surdo Rim Stereo		54 64			0 64			54	- (	) 0	1	64	64						12	54			64	
G#-1 Surdo Open Stereo		54 64			2 64		12	54	- (	) 0	1	64	64						12	54	1 0		64	
A -1 Surdo Mute Stereo	6				2 64		12	54			1		64						12	54			64	
Bb-1 Conga H Tip Stereo		54 64			0 64		12	54	(	, ,	1	64	64						12	54			64	
B -1 Conga H Heel Stereo		54 64			0 64		12	54	(		1	64	64						12	54			64	
C 0 Conga H Open Stereo		54 64			0 64	64		54		) 0	1	64	64						12	54			64	
C#0 Conga H Mute Stereo		54 64			0 64		12		(	) 0	1	64	64						12	54			64	
D 0 Conga H Slap Open Stereo	6				0 64		12	54			1		64						12	54			64	
D#0 Conga H Slap Stereo		54 64			0 64						1		64						12	54				
E 0 Conga H Slap Mute Stereo	6				0 64		12	54	(		- 1		64						12	54				
F 0 Conga L Tip Stereo	6	54 64	12	7	0 64	64	12	54	(	0	- 1	64	64	64	64	6	64	64	12	54		64	64	64
F#0 Conga L Heel Stereo	6			7	0 64	64	12	54	(	0	- 1	64	64						12	54			64	
G 0 Conga L Open Stereo	6	54 64		7	0 64	64			(	0	- 1	64	64	64	64	6	64	64	12	54		64	64	64
G#0 Conga L Mute Stereo		54 64			0 64						1	64	64						12	54		64		
A 0 Conga L Slap Open Stereo	6				0 64		12	54	(	0	1	64	64						12	54				
Bb0 Conga L Slap Stereo	6	54 64			0 64	64	12	54	(	0	1	64	64	64	64	6	64	64	12	54		64	64	66
B 0 Conga L Slide Stereo	6	54 64	12	.7	0 64	64	12	54	(		1	64	64	64	64	6	64	64	12	54			64	64
C 1 Bongo H Open 1 Finger Stereo		54 64	12	27	0 64					0	1		64						12	54			64	
C#1 Bongo H Open 3 Finger Stereo		54 64	12	27	0 64			54			1	64	64						12	54		64	64	64
D 1 Bongo H Rim Stereo	6	54 64	12	27	0 64	64	12	54	(	0	1	64	64	64	64	6	64	64	12	54		64	64	64
D#1 Bongo H Tip Stereo		54 64	12	27	0 64	64		54	(	0	1	64	64	64	64	6	64	64	12	54	(	64	64	64
E 1 Bongo H Heel Stereo		54 64			0 64				(		1	0.4	64						12	54			64	
F 1 Bongo H Slap Stereo		54 64	12	27	0 64	64	12		(	0	1	64	64						12	54		64	64	64
F#1 Bongo L Open 1 Finger Stereo	6	54 64	12	27	0 64	64	12	54	(	0	1	64	64	64	64	6	64	64	12	54		64	64	64
G 1 Bongo L Open 3 Finger Stereo	6	54 64	12	27	0 64	64	12	54	(	0	1	64	64	64	64	6	64	64	12	54		64	64	64
G#1 Bongo L Rim Stereo	6	54 64	12	27	0 64	64	12	54	(	0	1	64	64	64	64	6	64	64	12	54		64	64	64
A 1 Bongo L Tip Stereo	6			7	0 64				(				64						12	54			64	
Bb1 Bongo L Heel Stereo	6				0 64	64	12	54	(	0	- 1	64	64						12	54		64	64	
B 1 Bongo L Slap Stereo		54 64			0 64					0	- 1	64	64						12	54			64	
C 2 Timbalito L Open Stereo	6				0 64			54	(	0	- 1	64	64						12	54		64		
C#2 Timbalito L Mute Stereo		54 64			0 64			54	(	0	- 1	64	64						12	54			64	
D 2 Timbalito L Rim Stereo		54 64	12	7	0 64				(		- 1	V-F	64						12	54			64	
D#2 Timbalito L Sidestick Stereo	6				0 64	64	12	54	(	0	1	64	64						12	54			64	
E 2 Timbalito L Roll Stereo		54 64			0 64		12			) 1	1	64	64						12	54			64	
F 2 Timbalito L Paila Stereo	6				0 64			54	(	0	1		64						12	54				
F#2 Timbalito H Open Stereo		54 64	12	27	0 64	64	12	54	(	0	- 1	64	64						12	54		64	64	
G 2 Timbalito H Mute Stereo	6				0 64	64	12	54	(		1		64						12	54	(		64	
G#2 Timbalito H Rim Stereo		54 64			0 64				(		- 1		64						12	54			64	
A 2 Timbalito H Sidestick Stereo  Bb2 Timbalito H Roll Stereo	6	54 64 54 64			0 64		12	54 54	(		1		64						12	54 54			64	
B 2 Timbalito H Paila Stereo								54	(	1	1	64								54		64		
C 3	6	54 64 54 64		7	0 64		12	54		) 0	- 1	64	64				64		12 12	54			64	
C#3		54 64		7	0 64	64 64				) 0	1		64						12	54	1 0		64	
D 3 Wood Block 1 H		54 64			0 64			54	(				64						12	54			64	
D#3 Wood Block I I.	6				0 64		12	54			_		64						12	54			64	
E 3		54 64			0 64		12	54	-	1 0	- 1	64	64						12	54	1 0		64	
F 3		54 64		17	0 64		12		- (	) 0	1		64						12	54			64	
F#3 Claves 1 Stereo		54 64			0 64				- (		1	64	64						12	54			64	
G 3 Vibraslap Small Stereo		54 64			0 64				(		i		64						12	54	1 0		64	
G#3 Tamborim Mute / Open Stereo	6				0 64		12	54	(		i	64	64						12	54	1 0		64	
A 3 Tamborim Heel Stereo		54 64			0 64			54		) 0	i	64	64						12	54			64	
Bb3 Pandeiro Mute / Open Stereo	6				0 64		12	54	(	0 0	1		64						12	54			64	
B 3 Pandeiro Heel Stereo		54 64			0 64		12		(	0 0	1	64	64						12	54			64	
C 4		54 64			0 64				(	0	1	64	64						12	54		64	64	
C#4 Shaker Stereo	6				0 64		12	54	(	0	1		64						12	54			64	
D 4 Cabasa Stereo	6	54 64			0 64		12	54	(	0	1	64	64			6	64	64	12	54		64	64	64
D#4 Cuica Mute Stereo	6		12	.7	0 64		12	54	(	0	1		64						12	54			64	
E 4 Cuica Open Stereo		54 64			0 64				(	0	1		64						12	54			64	
F 4 Agogo H Open Stereo		54 64			0 64				(	0	1	64	64						12	54			64	
F#4 Agogo H Mute Stereo	6				0 64		12	54	(	0	1	64	64						12	54		64		
G 4 Agogo L Open Stereo	6	54 64			0 64	64	12	54	(	0	1	64	64	64	64	6	64	64	12	54		64	64	64
G#4 Agogo L Mute Stereo	6	54 64	12	.7	0 64	64	12	54	(		1	64	64	64	64	6	64	64	12	54	(	64	64	64
A 4 Triangle Mute Stereo	6	54 64	12	27	1 64	64	12		(	0	1		64						12	54		64	64	64
Bb4 Triangle Open Stereo		54 64			1 64		12		(	0	1		64						12	54			64	
B 4 Samba Whistle H Stereo	6	54 64	12	27	0 64	64	12	54	(	1	1		64						12	54			64	
C 5 Samba Whistle L Stereo	6				0 64	64	12	54	(	1	1	64	64						12	54		64	64	
C#5	6				0 64		12	54					64						12	54			64	
D 5	6				0 64		12		(		1		64						12	54	(		64	
D#5		54 64			0 64		12	54	(	0	1	64	64						12	54			64	
E.5		54 64			0 64		12	54	(	0	1		64						12	54	(		64	
F 5		54 64			0 64	64	12	54	(	0	1	64	64						12	54	(	64	64	
F#5		54 64			0 64		12		(	0	1		64						12	54	(		64	
G 5	6	54 64	12	27	0 64	64	12	54	(	0 0	1	64	64	64	64	6	64	64	12	54	(	64	64	64

#### Live! PopLatin Kit

Live! PopLatin Kit																								
	Pitch			Alternate		Reverb	Chonis	Variation	Kev	Rev Note	Rev Note	LPF Coff	I PE	EG	EG	EG	EQ Bass	EQ F	O Bass	Q	Output	HPF	Vel. Sens.	Vel. Sens.
Note Instrument	Coarse	Pitch Fine	Level	Group	Pan	Send	Send	Send	Assign	Off	On	Freq.	Reso.	Attack	Decayl	Decay2	Gain		req	reble	Select	Cutoff	Pch.	LPF
				-					-					Rate	Rate	Rate		Gain	, B	eq.		Freq.		Cutoff
C#-1		54 64			0 64				(	0	1	64							12	54				
D-1		54 64			0 64			54	(	0	1	64	64						12	54	0			
D#-1 Log Drum H Stereo		54 64			0 64			54	(		- 1	64	64						12	54	0		64	
E -1 Log Drum L Stereo		54 64			0 64			54	(	, ,	- 1	64	64						12	54	0		64	
F-1 Caxixi Stereo		54 64			0 64				(		- 1	64	64						12	54	0		64	
F#-1 Hand Clap 1 Stereo		54 64			0 64				(	0 0	1	64							12	54				
G -1 Hand Clap 2 Stereo		54 64			0 64			54	- (	) 0	1	64	64						12	54 54	0		64	
G#-1 Finger Snap Stereo		54 64 54 64			0 0-						1	64	64						12	54 54	1 0		64	
A -1 Castanet Stereo					0 0-					, ,		V-F	64											
Bb-1 Conga H Tip Stereo		54 64 54 64			0 64				(			64							12	54 54			64	
B -1 Conga H Heel Stereo C 0 Conga H Open Stereo		54 64			0 64			54	- (	) 0	- 1	64	64						12	54			64	
C#0 Conga H Mute Stereo		54 64			0 64					) 0	- 1	64	64						12	54	. 0		64	
D 0 Conga H Slap Open Stereo		54 64			0 64						1								12	54			64	
D#0 Conga H Slap Stereo		54 64			0 64														12	54				
E 0 Conga H Slap Mute Stereo		54 64			0 64				- (										12	54				
F 0 Conga L Tip Stereo	- 6	54 64	12	7	0 64	64	12	54	- (	) 0	1	64	64	64	64	6	64	64	12	54	0	64	64	
F#0 Conga L Heel Stereo		54 64		7	0 64				(	0	- 1	64	64						12	54	0		64	
G 0 Conga L Open Stereo	6	54 64		7	0 64	64			(	0	- 1	64	64	64	64	6	64	64	12	54	0	64	64	
G#0 Conga L Mute Stereo		54 64			0 64						1	64							12	54				
A 0 Conga L Slap Open Stereo		54 64			0 64				(	0	1	64							12	54	0			
Bb0 Conga L Slap Stereo	6	54 64	10	.7	0 64	64		54	(	0	1	64	64	64	64	6	64	64	12	54	0	64	64	66
B 0 Conga L Slide Stereo	6	54 64	10	.7	0 64	64	12	54	(		1	64	64	64	64	6	64	64	12	54	0	64	64	64
C 1 Bongo H Open 1 finger Stereo		54 64			0 64					0	1								12	54	0		64	
C#1 Bongo H Open 3 finger Stereo		54 64			0 64				(			64							12	54	0		64	
D 1 Bongo H Rim Stereo		54 64			0 64				(	0	1								12	54			64	
D#1 Bongo H Tip Stereo		54 64			0 64			54	(	0	- 1	64							12	54	0		64	
E 1 Bongo H Heel Stereo		54 64			0 64				(		1		64						12	54	0		64	
F 1 Bongo H Slap Stereo		54 64			0 64				(		1	64	64						12	54	0		64	
F#1 Bongo L Open 1 finger Stereo		54 64			0 64					0	1	64							12	54			64	
G 1 Bongo L Open 3 finger Stereo		54 64			0 64				(	0	1								12	54				
G#1 Bongo L Rim Stereo		54 64			0 64				(	0	1	64							12	54	0			
A 1 Bongo L Tip Stereo		54 64		27	0 64				(										12	54	0		64	
Bb1 Bongo L Heel Stereo		54 64			0 64				(		1		64						12	54	0		64	
B 1 Bongo L Slap Stereo		54 64			0 64														12	54	0		64	
C 2 Timbale L Open Stereo		54 64			0 64				(	0	- 1								12	54	_			
C#2 Timbale L Mute Stereo		54 64			0 64			54	(	0	- 1	64	64						12	54	0		64	
D 2 Timbale L Rim Stereo		54 64 54 64		27	0 64				(		1	V-F	64						12	54 54	. 0		64	
D#2 Timbale L Sidestick Stereo					0 0-					, ,	- !	V-F								27				
E 2 Timbale L Roll Stereo		54 64 54 64			0 64						1	64	64						12	54 54	. 0		64	
F 2 Timbale L Paila Stereo F#2 Timbale H Open Stereo		54 64			0 64			54	- (	) 0	- 1	64	64						12	54		64	64	
G 2 Timbale H Mute Stereo		54 64		7	0 64				- (	) 0	i		64						12	54	. 0		64	
G#2 Timbale H Rim Stereo		54 64			0 64				- (		i		64						12	54	. 0		64	
A 2 Timbale H Sidestick Stereo		54 64			0 64				(		i		64						12	54	0		64	
Bb2 Timbale H Roll Stereo		54 64			0 64						i								12	54				
B 2 Timbale H Paila Stereo	- 6	54 64			0 64	64	12			0 0	1	64	64	64			64		12	54	0	64	64	
C 3 Cowbell Top Stereo		54 64		.7	0 64					0 0	1		64						12	54	0		64	
C#3 Cowbell End Stereo	6	54 64		.7	0 64				(	0	1	64	64	64	64	6	64	64	12	54	0	64	64	
D 3 Wood Block 1 H Stereo	6	54 64	12	.7	0 64	64	12	54	(	0	1	64	64	64	64	6	64	64	12	54	0	64	64	64
D#3 Wood Block 1 L Stereo		54 64	12	27	0 64		12				1	64	64		64	6		64	12	54			64	
E 3 Guiro Short Stereo		54 64	12	27	0 64				(	0	1	64	64						12	54	0		64	
F 3 Guiro Long Stereo		54 64	12		0 64				(		1	V-F		64	64				12	54			64	
F#3 Claves 1 Stereo		54 64			0 64				(		1	64	64						12	54			64	
G 3 Vibraslap Small Stereo		54 64			0 64				(		- 1								12	54	0		64	
G#3 Tambourine Stereo		54 64			0 64			54	(	0	- 1	64							12	54	0		64	
A 3 Tambourine Shake Stereo		54 64			0 64			54	- (	1	1	64							12	54	0		64	
Bb3 Splash Cymbal Stereo		54 64			0 64						1	V-F							12	54			64	
B 3 Finger Cymbal Stereo		54 64			0 64						1	64	64						12	54 54	. 0		64	
C 4 Maracas 1 Stereo		54 64 54 64			0 64			54	(	-	1								12	54 54	. 0		64	
C#4 Shaker Stereo D 4 Cabasa Stereo		54 64 54 64			0 64			54	(	0	ļ .	64							12	54 54	. 0		64	
		54 64 54 64			0 64				- (	0	1								12	54	. 0		64	
D#4 Cuica Mute Stereo E 4 Cuica Open Stereo		54 64			0 64						1		64						12	54	. 0		64	
F 4 Agogo H Open Stereo		54 64			0 64														12	54			64	
F#4 Agogo H Mute Stereo		54 64			0 64														12	54				
G 4 Agogo L Open Stereo		54 64			0 64			54	-	) 0	1	64							12	54	. 0		64	
G#4 Agogo L Open stereo G#4 Agogo L Mute Stereo		54 64			0 64					) 0	1		64						12	54	. 0		64	
A 4 Triangle Mute Stereo		54 64	1 13	.7	1 64				(		i		64						12	54	0		64	
Bb4 Triangle Open Stereo		54 64			1 64				(										12	54			64	
B 4 Jingle Bell Stereo		54 64			0 64														12	54			64	
C 5 Wind Chime Stereo		54 64			0 64			54	ì	0 0	1	64	64						12	54	0		64	
C#5		54 64	10	.7	0 64				(	0	1								12	54			64	
D 5		54 64			0 64				(	0 0	1	64	64					64	12	54	0	64	64	
D#5	6	54 64			0 64				(	0 0	1	64	64	64	64	6	64	64	12	54	0	64	64	64
E 5	- 6	54 64	12	27	0 64	64	12	54	(	0	1	64	64	64			64	64	12	54	0	64	64	
F 5	- 6	54 64			0 64	64		54	(	0	1	64	64	64	64	6	64	64	12	54	0	64	64	
F#5	- 6	54 64			0 64				(		1		64						12	54	0		64	64
G 5	6	54 64	12	.7	0 64	64	12	54	(	0	- 1	64	64	64	64	6	64	64	12	54	. 0	64	64	64

## Voice Extension Methods

Banks 1 to 63: Voices that can be created by	modifyng voice parameters.
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Bank No.	Description	Comment (Example)	Bank No.	Description	Comment (Example)
	Capital Tone Voices+C21	GM Basic tone	32	Add voices by modifying pitch (or by similar	Detune with same wave
	Extensions that do not require voice	Key Scaled Panning (L to R)	33	operation), including 1-element<>2-element	"
2	changes.	Key Scaled Panning (R to L)	34	extensions of same-type voices.	"
3		Stereo	35	• •	Octave Layered
4		With LFO	36		"
5		Without LFO	37		5th Layered
6		Single Element	38		"
7			39		Bend Up/Down
	Add voices mainly by changing the AEG	Slow Attack		Add voices mainly by using completely different	Tutti
9	(or by similar operation).	Fast Attack		wave types and layering.	"
10		Long Release	42		"
11		Short Release	43		Velocity Switch
12		Fast Decay	44		"
13		Slow Decay	45		Velocity X-fade
14		Double Attack	46		"
15			47		Breathy WW
		Bright	48		
	Q (or by similar operation).	"	49		
18		Dark	50		
19		"	51		
19 20 21		Resonant	52		
21			53		
22			54		
23			55		
	Add voices mainly by changing the FEG	Attack Transient	56		
	(or by similar operation).	Release Transient	57		
26 27 28 29 30		Sweep	58		
27		Rezo Sweep	59		
28		Muted	60		
29			61		
30			62		
31			63		

Banks 64 to 127: Voices that can be created by changing the waves.

Banks 64 to 127: Voices that can be created by cha	Comment (Example)	Bank No.	T	Comment (Evennle)
				Comment (Example)
64 Produce a similar instrument sound using		96		Dulcimer->Cimbalom
65 entirely different wave types		97	type, produce instrument that is entirely	Nylon Gt>Ukulele
66		98	different in type but that is not markedly	
67		99	inconsistent with the capital tone.	
68		100	·	
69		101		
70		102		
71		103		
72		104		
73		105		
74		106		
75		107		
76		108		
77		109		
78		110		
79		111		
80			User voices that are not marketdly incompatible	
81			with the capital tone.	
82		114		
83		115		
84		116		
85		117		
86		118		
87		119		
88		120		
89		120		
90		121		
91		123		
92		123		
93		124		
93		125		
95		126		
90		127		

## **Bank MSB Categories**

	Bank MSB (High 4 bits)							
	0	1	2	3	4	5	6	7
Bank MSB	XG Normal		Non-proxies for		Non-proxies for	Non-proxies for	Proxies for XG	
(Low 4 bits)			User Voices		Non-Pitch Sounds	Proxy Tracks	Normal	
0	XG PCM	XG for Sample Voices	XG for PCM	Model Exclusive	XG SFX	XG for PCM	XG for PCM	
1			XG for VA		XG for VA	XG for VA	XG for VA	
2			XG for SG		XG for SG	XG for SG	XG for SG	
3			XG for FM		XG for FM	XG for FM	XG for FM	
4			XG for AN		XG for AN	XG for AN	XG for AN	
5			XG Extension		XG SFX2	XG Extension	XG Extension	
6			XG Extension		XG Extension	XG Extension	XG Extension	
7			XG Extension		XG Extension	XG Extension	XG Extension	
8	XG PCM		XG Extension		XG Extension	XG Extension	XG Extension	GM2 Percussion
9			XG Extension		XG Extension	XG Extension	XG Extension	GM2 Sound
A			XG Extension		XG Extension	XG Extension	XG Extension	
В			XG Extension		XG Extension	XG Extension	XG Extension	
C			XG Extension		XG Extension	XG Extension	XG Extension	
D			XG Extension		XG Extension	XG Extension	XG Extension	
E			XG Extension	Model-Exclusive	XG Extension	XG Extension	XG Extension	XG SFX Kit
F			XG for Kit		XG for Kit	XG Extension	XG Extension	XG Drum Kit

Bank MSB	Meaning & Voice-Mapping Rules
00	Proxy voice banks.
	Melody-voice banks
	LSB=112 to 127/PGM#=1 to 128: Model-exclusive banks
	LSB/PGM# with no voice mapping: Maps to same voice as LSB=0/PGM#.
08	Proxy voice bank. Divide LSBs into four blocks, where each block is treated as a single MSB.
10	Non-proxy voice banks.
	Sample-voice banks for normal-voice type
20 to 2F	Non-proxy voice banks. User voice banks for plug-in board.
	2Fh: maps to kit that run in Normal part mode.
30	Non-proxy voice banks.
	Model-exclusive banks that run in Normal part mode.
	Unmapped LSB/PGM#s are mapped to "silent voice."
3E	Non-proxy voice banks.
	Model-exclusive banks that run in Drum, Setup 1 ~ part modes.
	Unmapped LSB/PGM#s are mapped to "silent voice."
3F	Non-proxy voice banks.
	Model-exclusive banks that run in Normal part mode.
	Unmapped LSB/PGM#s are mapped to "silent voice."  Models that do not support part mode may map to normal voice and kit voice.
40	SFX voice banks.
	Maps to effect-type (non-pitch-type) voices.  LSB/PGM# with no voice mapping: Maps to same voice as LSB=0/PGM#
41 to 44	Non-proxy voice banks.
	Preset voice banks for plug-in board.
	Maps to effect-type (non-pitch-type) voices.
	Unmapped MSB/LSB/PGM#s are mapped to "silent voice."
45	SFX2 voice banks.
	Maps to effect-type (non-pitch-type) voices. Unmapped MSB/LSB/PGM#s are mapped to "silent voice."
46 to 4F	Non-proxy voice banks.
	Preset voice banks for plugin board.
	Maps to effect-type (non-pitch-type) voices.
	Unmapped MSB/LSB/PGM#s are mapped to "silent voice."
	4F: Maps to kits that operate in Normal part mode.
50 to 5F	Non-proxy voice banks
	Preset voice banks for plugin board.
	As minimum, must include identical mapping for 60-6F proxies. For example, the voice for MSB=65, LSB=50, PGM#=10
	must be mapped to MSB=55, LSB=50, PGM#=10.  In addition, it is permissible to map to a voice that has different sound quality than the capital tone.
	Operation of velocity, volume, etc., shall be in conformance with XG standards.
	Unmapped MSB/LSB/PGM#s are mapped to "silent voice."
60 to 6F	Proxy voice banks.
00 to 01	Preset voice banks for plug-in board.
	Sound quality must be similar to XG-supported capital voices.
	Operation of velocity, volume, etc., shall be in conformance with XG standards.
	Unmapped MSB/LSB/PGM#s are mapped to MSB=0, same LSB/PGM#.
78	Proxy voice banks.
	GM2 drum-kit banks
	Part mode runs in Drum or Drum Setup (1 ~ ) mode.
79	Proxy voice banks.
	GM2 normal voice banks
	Unmapped LSB/PGM#s are mapped to voice for LSB=0, same PGM#.

7E	Non-proxy voice banks.
	LSB=0/PGM#=113 to 128: Model-exclusive banks
	Unmapped LSB/PGM#s are mapped to "silent kit."
	Part mode runs as Drum or Drum Setup ∼ mode.
7F	LSBs above 0 are undefined; any such vlaue shall be treated as a 0. If no voice
	is mapped at the location given by Bank LSB (=0) +PGM#, the Bank LSB (=0) +PGM# value
	shall be ignored and the previously used LSB (=0)+PGM# voice shall be selected.
	Proxy voice bank
	LSB=0/PGM#=113 to 128 are model-exclusive programs.
	Part mode runs as Drum or Drum Setup ~ mode.
Shaded columns	Banks that must be specified in the XG specifications.
Empty columns	Banks reserved for future use.
[	