

Specifications

Synthesizer Section

● Parts

2 (Upper, Lower)

● Key Mode

Single, Dual, Split

● Maximum Polyphony

10 Voices (Voice Modulator OFF)

8 Voices (Voice Modulator ON)

● Waveform

OSC 1

SUPER SAW

TRIANGLE MOD

NOISE

FEEDBACK OSC

SQUARE (PWM)

SAW

TRIANGLE

OSC 2

SQUARE (PWM)

SAW

TRIANGLE

NOISE

● Effects

Tone Control

Multi-FX (13 types)

SUPER CHORUS SLW, SUPER CHORUS MID, SUPER CHORUS FST, SUPER CHORUS CLR, FLANGER SLOW, FLANGER DEEP, FLANGER FAST, DEEP PHASING SLW, JET PHASING, TWISTING, FREEZE PHASE 1, FREEZE PHASE 2, DISTORTION

Delay (5 types)

PANNING L->R, PANNING R->L, PANNING SHORT, MONO SHORT, MONO LONG

● Internal Memory

Performances User: 64

Preset: 192

Patches User: 128

Preset: 384

● Voice Modulator

Two 12-band band-pass filters

Noise

Robot Oscillator

Dedicated effect unit for Voice Modulator
(Ensemble, Delay)

Arpeggiator/RPS Section

● Arpeggio Mode

UP

DOWN

UP&DOWN

RANDOM

● Arpeggio Beat Patterns

1/4, 1/6, 1/8, 1/12, 1/16, 1/32, PORTA-A1—A11, PORTA-B1—B15, SEQUENCE-A1—A7, SEQUENCE-B1—B5, SEQUENCE-C1—C2, SEQUENCE-D1—D8, ECHO1—3, MUTE1—16, STRUMMING1—8, REFRAIN1—2, PERCUSSION1—4, WALKING BASS, HARP, RANDOM
(total 90 types)

● Arpeggio Range

1—4 octave

● Hold

ON/OFF

● RPS Pattern Data (Internal Memory)

Patterns: 48

Maximum Loop Length (Measures): 4

● Resolution

24 ticks per quater note

● Gate Time

REAL, STACCATO, 33%, 50%, 66%, 100%

● Input Quantize

OFF, TRIPLET1/16, 1/16, TRIPLET1/8, 1/8, TRIPLET1/4, 1/4

● Recording Method

Realtime (Loop Recording)

● Tempo

20 to 250

Motion Control Section

● Motion Data (Internal Memory)

Motions: 2 x 2 sets (SET A, B)
Maximum Loop Length (Measures): 8
Maximum Recording Length (Measures): 99

● Recording Method

Realtime (Loop Recording and One Shot Recording)

● Tempo

20 to 250

Others

● External storage device (SmartMedia)

Storage:

•S2M-5 (2M byte)

Performances: 64 x 32
Patches: 128 x 32
RPS Patterns: 48
Motion Controls: 2 x 4
System Settings: 1

•S4M-5 (4M byte)

Performances 64 x 64
Patches 128 x 64
RPS Patterns 48
Motion Controls 2 x 4
System Settings 1

● Display

16 characters, 2 lines (backlit LCD)

● Connectors

MIDI connectors

REMOTE KBD IN
IN
OUT

Output jacks

L(MONO): 1/4 inch phone type
R: 1/4 inch phone type

External Input jacks

INST/LOWER(MONO): 1/4 inch phone type
VOCAL/UPPER: 1/4 inch phone type
MIC jack: 1/4 inch phone type
Headphone jack: Stereo 1/4 inch phone type

● Input Level

External Input jacks

INST/LOWER (MONO): -30dBm- +4dBm
VOCAL/UPPER: -30dBm- +4dBm
MIC jack: -60dBm- -20dBm

● Input Impedance

External Input jacks
INST/LOWER (MONO): 24 kΩ
VOCAL/UPPER: 24 kΩ
MIC jack: 5 kΩ

● Output Impedance

Output jacks
L(MONO): 2.2 kΩ
R: 2.2 kΩ
Headphone jack: 100 Ω

● Power Supply

AC 117 V, AC 230 V, AC 240 V

● Power Consumption

17 W (AC 117 V), 17 W (AC 230 V), 17 W (AC 240 V)

● Dimensions

482 (W) x 88 (D) x 264 (H) mm
19 (W) x 3-1/2 (D) x 10-7/16 (H) inches

● Weight

4.5 kg/9 lbs 15 oz (except Power cord)

● Accessories

Owner's Manual
Power Cord
Card Protector

● Options

SmartMedia: S2M-5 (2M bytes)
S4M-5 (4M bytes)

* In the interest of product development, the specifications for this product are subject to change without prior notice.