

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 quarter 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 k Ω

VOCAL/UPPER: 24 k Ω

MIC jack: 5 k Ω

● Output Impedance

Output jacks

L(MONO): 2.2 k Ω

R: 2.2 k Ω

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.