



KEYBOARD SECTION

Keyboard

61 keys, with velocity and channel aftertouch

SOUND GENERATOR SECTION

Maximum Polyphony

128 voices, shared with the sampling section

Parts

16 parts (Internal) + 16 parts (External) + 2 parts (ARX) + 24 parts (Audio Track)

Wave Memory

256MB (16-bit linear equivalent)

Waveforms

2,230

Preset Memory

Patches: 1,664 + 256 (GM2)

Rhythm Sets: 64 + 9 (GM2)

Live Sets: 512

Studio Sets: 128

User Memory (per one project)

Patches: 512

Rhythm Sets: 64

Live Sets: 512

Studio Sets: 128

Effects

Patch Multi-effects (PFX): max. 16 units (76 types)

Multi-effects (MFX): max. 2 units (78 types)

Chorus: 1 unit (3 types)

Reverb: 1 unit (10 types)

Input effects: 1 unit (6 types)

Mastering effects: 1 unit (3-band compressor)

SAMPLING SECTION

Data Format

16-bit linear, .WAV or .AIFF

Sampling Frequency

44.1kHz

Maximum Sampling Time

approx. 360 sec, mono/180 sec, stereo (when sampling memory isn't expanded/32 MB)

approx. 108 min, mono/54 min, stereo (fully expanded with DIMM/544 MB)

Number of Samples

2,000 (per one project)

SEQUENCER SECTION

Tracks

MIDI tracks (Internal/External/ARX): max. 128

Audio tracks: max. 24

Tempo track: 1

Beat track: 1

Resolution

480 TPQN

Tempo

5.00 to 300.00

Songs
50 (per one project)

Phrases
2,000 (per one project)

Notes Capacity
approx. 1,000,000 notes (per one project)

Song Length
9,998 measures

Recording Method
Realtime recording, Step recording

OTHERS

Arpeggiater
128

Arpeggio Sets
128

RPS Sets
32

Rhythm Pattern Sets
32

Chord Memory
128

Chord Memory Sets
128

Display
Graphic Type, 8.5", Wide VGA (800 x 480 dots), backlit LCD (Color)

Pads
16 pads, Velocity and Polyphonic Aftertouch sensitive

Controllers
Pitch Bend/Modulation Lever, Control Knob x 4, Control Slider x 8, Assignable Switch x 2, D
Beam Controller

Connectors

Mic/Guitar Input Jacks: 1/4 inch phone type/XLR type (Phantom power) (Hi-Z) Headphones Jack: Stereo 1/4 inch phone type, A (MIX) Output Jacks (L/MONO, R): 1/4 inch TRS phone type: B Output Jacks (L, R): 1/4 inch phone type: Input Jacks (L/MONO/MIC, R): 1/4 inch phone type, Pedal Jacks: Hold Pedal Jack (Half Pedal recognition), MIDI Connectors: IN, OUT, THRU, USB Connectors: USB Computer Connector (supports file transfer or mass storage class, and Audio/MIDI), Digital Audio Interface: COAXIAL INPUT/OUTPUT, AC Inlet

Expansion Slots

ARX expansion boards: 2 slots

DIMM: 1 slot, supports PC133, CL=2/3, 3.3 V, 128MB, 256MB, 512MB

External Storage Device

USB Flash Memory

Power Supply

AC 117 V, AC 230 V, AC 240 V (50/60 Hz), AC 220 V (60 Hz)

Power Consumption

30 W

Accessories

Owner's Manual, CD-ROM (Editor, USB Audio/MIDI driver), Power Cord

Options

Expansion Board: ARX Series, Keyboard Stand: KS-V7, KS-18Z, Pedal Switch: DP series, Foot Switch: BOSS FS-5U, Expression Pedal: EV-5, USB Memory: M-UF1G

SIZE AND WEIGHT

Width

1,066 mm

42 inches

Depth

411 mm

16-3/16 inches

Height

142 mm

5-5/8 inches

Weight

14.5 kg

32 lbs.