

Menus

Master Menu

Master Tune, Transpose, Global Bend, Global Velocity Curve, Mix Output, MIDI Mode, MIDI Mode Change, MIDI Overflow, MIDI Enable, Preset Change, Controller #A/B, Controller #C/D, Footswitch #, MIDI Program -> Preset, Send MIDI Data, User Key Tuning, Viewing Angle, Demo Sequence

Edit Menu

Preset Name, Primary Instrument, Secondary Instrument, Key Range, Primary Key Range, Secondary Key Range, Volume, Pan, Coarse Tuning, Fine Tuning, Alternate Volume Envelope, Primary Envelope Parameters (AHDSR), Secondary Envelope Parameters (AHDSR), Delay, Sound Start, Reverse Sound, Solo Mode, Portamento Rate, Chorus, XFade Mode, XFade Direction, XFade Balance, XFade Amount, Switch Point, Primary Filter Type, Primary Filter Fc & Q, Secondary Filter Type, Secondary Filter Fc & Q, Alternate Envelope, Amount Delay, Alternate Envelope (AHDSR), LF01 Shape-Amount, LF01 Rate-Delay-Variation, LF02 Shape-Amount, LF02 Rate-Delay-Variation, Key/Velocity Control, Realtime Control, Footswitch Control, Pitch Bend Range, Pressure Amount, Controller Amount A/B, Controller Amount C/D, Velocity Curve, Keyboard Center, Keyboard Tuning, Mix Output, Link 1, Link 2, Link 3, Save Presets to

MIDI Patch Modulation System

Keyboard and Velocity Modulation Control

Up to 6 simultaneous patches per preset may be programmed.

Sources: 2 (Key Number and Key Velocity)

Destinations: 42

Realtime Modulation Control

Up to 8 simultaneous patches per preset may be programmed.

Sources: 10

Destinations: 25

Footswitch Control

Up to 3 simultaneous switches per preset may be programmed.

Sources: 3 (Footswitch 1, Footswitch 2, Footswitch 3)

Destinations: 10

Technical Specifications

Audio Channels: 32 (16 MIDI channels of stereo pairs)

Presets: 512

Data Encoding: 18-bit linear

Sound Memory: 8MB (internally expandable to 16MB), 16MB in Vintage Keys Plus

Signal to Noise: >90dB

Dynamic Range: >90dB

Frequency Response: 20Hz-18kHz (± 6dB)

Distortion: <.05% THD

Power Consumption: 15 Watts

Voltage Input: 90VAC-260VAC at 50Hz-60Hz

Maximum Output Level: +4dB into 600 Ohms

Output Impedance: 100 Ohms

MIDI Response Time: 4ms single note, 7ms layered note

Inputs

Effects Return 1 In (stereo), Effects Return 2 In (stereo), MIDI In

Outputs

Six, polyphonic (configurable as three pairs of stereo outputs w/programmable panning), Mono mix, MIDI out, MIDI thru

Rack Dimensions

Height: 1.75", Width: 19", Depth: 8.5"

Vintage Keys - Presets

FENDER RHODES

Fndr Rds (14)*

HAMMOND ORGAN

Hmnd B3 (49)*
Hmnd Link (11)*
B3 12 Link (2)*

MELLOTRON

TronChoir (6)*
TronStrng (6)*
TronFlute (4)*
Tron Str/Brs
Tron Str/Chr
TronBrasLink

WURLITZER PIANOS

Wurli (17)*

MOOG

Lead: Moog (3)*
Bass: Moog (6)*
Bass: MicroMg
Pad: Moog 55
Pad: MoogBras
Pad: PolyMoog

ARP

Lead: Arp (3)*
Bass: Arp 2600
Pad: ArpStrng
Pad: Arp 2600

YAMAHA GRAND

CP Grand (18)*

Hohner CLAVINET

Clav (16)*

OTHER KEYBOARDS

Farfisa
Musical Box
Orgn10/Lead5
OrgSplLink (3)*
Pad: Fairlight
Pad: Oberheim Port
Pad: Obx Saws
Pad: Prophet 5 Piper
Pad: Prophet 5 String
Toy Piano

SYNTH PADS

Soft Pad (40)*
Pad2/Lead8
Pad3/Pad6
Pad5/Lead4
Pad5/Pad6
Pad7/Lead6
Pad8/Lead7
Pad10/Lead2
Pad11/Lead1
Pad: M12Strng

LEADS

Syn Lead (23)*
Lead: SEM (2)*
Lead: Prophet 5 Sync
Lead: EMU Tri
Lead: EMUSaws
Lead: EMUSqrs

BASS

Bass Gtr (8)*
Bass: M12 (2)*
BGtr1/Orgn (2)*
Bass: Taurus
Bass/Guitar
BGtr1 4Split
BGtr1/Lead2
BGtr1/Pad4
BGtr1/Pad8
BGtr2 4Split
BGtr2/ElPno1
BGtr2/Orgn (2)*
BGtr2/Pad2
BGtr3 4Split
BGtr3/CP (2)*
BGtr3/ElPno (3)*
BGtr3/Lead3
BGtr3/Orgn (5)*
BGtr3/Pad1
BGtr4 4Split
BGtr4/CP-02
BGtr5 4Split
SBas1 4Split
SBas2 4Split
SBas2/Pad9
SBas3 4Split
SBas3/Orgn06
SBas3/Pad3
SBas4 4Split
SBas4/Lead1
SBas4/Pad7
SBas5 4Split
SBas5/Pad12
Syn Bass (27)*

PERCUSSION

Drum Kit (19)*
Drum Link (5)*
Percussion (8)*
Perc Loop
2ndPercLink S
2ndPercLink M
2ndPercLink L
3rdPercLink S
3rdPercLink M
3rdPercLink L

MISCELLANEOUS

Clock FX (21)*
CoolLink (11)*
Elec Gtr (5)*
Hard Pad (31)*
HiBarLink S
HiBarLink M
HiBarLink L
Intrvl Ld (12)*
Link to 419
LoBarLink S
LoBarLink M
LoBarLink L
MidBarLink S
MidBarLink M
MidBarLink L
Misc Cool (20)*
Rococo Hair
Rococo Link
Super Nova
Swell 3 Link
Swell FX (19)*
Vox Cont

ADDITIONAL PLUS INSTRUMENTS

ARP 2600 Filter & Synch
Sweeps/Modulations
ARP 2600 FM Percussive FX
Chamberlin Strings
(Classic Tape-based
Playback Keyboard)
Chapman Stick Clean
and Distorted
Dyno Fender Rhodes
Electric Piano
(Alternate Timbres)
E-mu Ell and Elll Sample
Snippets
E-mu SPI200 Orchestral
Hits and Guitar Samples
Electro-Harmonix Clap FX
Fender Precision Funk Bass
Fender Rhodes Key Bass
(2.5 Octave Bass
Rhodes Piano)
Fender Rhodes Mark I
Electric Piano
(Alternate Timbres)
Hohner Clavinet
(Alternate Timbres)
Jerry Jones Electric Sitar
Memory Moog Brass &
Strings
Mini Moog Leads
(Alternate Timbres)
Moog Taurus Bases
(Alternate Timbres)
Oberheim OBX Strings

PPG Wavetable Synthesizer
Roland D-50 Caliope
Roland DR-55 Analog
Drum Box
Roland Jupiter 6 Filter
Sweeps
Roland Jupiter 8 Pulse
Waves
Roland JX3P Brass
Roland TR-808 Analog
Drum Box
Sequential Prophet-5
Basses
Sequential Prophet-5
Brass
Sequential Prophet-5
Filter & Synch
Sweeps/Modulations
Sequential Prophet-5
Percussive FX
Sequential Prophet-5
Sync Lead
(Alternate Timbres)
Vox Jaguar Combo Organ
Yamaha C3 Grand Piano
Yamaha FM Blues Harp
Yamaha FM Synthesized
Dyno Piano
Yamaha FM Synthesized
Piano

*Numbers in parentheses indicate the quantity of like instrument sounds.

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