

Preliminary

YAMAHA



- *Huge 110 MB Wave ROM (in 16-bit Linear Format) including MOTIF Sounds plus a New Three Velocity Layer Stereo Grand Piano*
- *88 Note "Balanced Hammer Effect Keyboard" with Aftertouch*
- *640 Voices, 128 Performances, 50 Mix Templates, and 128 Master Programs*
- *Portable, Professional Design with Intuitive User Interface*
- *Three expansion Slots for Modular Synthesis Plug-in boards*
- *SmartMedia™ slot for Storing Voices and Direct from Card Sequence Playback*
- *Bundled SQ01 Sequencing software and Voice Editor*

S90

MUSIC SYNTHESIZER
Modular Synthesis Plug-in System

JUST WHAT YOU NEED

MUSIC SYNTHESIZER
Modular Synthesis Plug-in System

S90



**MODULAR SYNTHESIS
PLUG-IN SYSTEM**

Specifications

Keyboard	88 keys, Balanced Hammer Effect Keyboard (Initial Touch/Aftertouch)
Tone Generator	AWM2, Modular Synthesis Plug-in System
Polyphony	64 Notes (Expandable with Modular Synthesis Plug-in System boards)
Multitimbres	16 parts (internal) + 3 or more Plug-in Board parts (1 for each Single Plug-in Board; 16 for Multi Plug-in Boards), A/D Input
Voices	Preset: 384 normal voices + 48 drum kits GM: 128 normal voices + 1 drum kit User: 128 normal voices + 16 drum kits Plug-in Preset Bank: 64 (for AN, PF, DX, DR, PC), 192 (for VL) Plug-in User Bank: 64 (for each Plug-in slot)
Performances	User: 128 (Up to 4 parts)
Filter	21 types
Effects	Reverb x 12 types, Chorus x 25 types, Insertion 1 x 25 types, Insertion 2 x 104 types, Variation x 25 types (available for Performance/Song), Master Equalizer (5 bands), Plug-in Insertion (available when the PLG100-VH has installed in slot 1)
Expandability	3 Slots for Modular Synthesis Plug-in Boards
Arpeggiator	Preset 1 x 128 types Preset 2 x 128 types User x 128 types *MIDI Sync, MIDI Transmit/Receive Channel, Velocity Limit can be set.

Sequencer	SMF Playback (Direct play only)
Master	User: 128
Sequence Software controllable via the Remote Control function	*For Windows® Cubase VST™ V5.1r1, Logic Audio® Platinum Ver5, SONAR2, Cakewalk Pro Audio™ Ver9.0, Pro Tools® V5.0, SQ01 *For Macintosh® Cubase VST™/32, Logic Audio® Platinum Ver5, Pro Tools® V5.0
Controllers	Pitch Bend wheel x 1, Modulation wheel x 1, Master Volume Slider x 1, Assignable Control Slider x 4, Rotary Encoder x 1
Display	240 x 64 dot graphic backlit LCD
External Memory	SmartMedia™ (3.3V) *Card capacities up to 128 MB are supported
Connectors	OUTPUT L/MONO, R (1/4" Jack), ASSIGNABLE OUTPUT L, R (1/4" Jack), PHONES (Stereo 1/4" Jack), FOOT CONTROLLER 1, 2, FOOT SWITCH x 2 (SUSTAIN, ASSIGNABLE), BREATH, MIDI IN/OUT/THRU, USB, AC INLET
Dimensions, Weight	1,357 (W) x 386 (D) x 163 (H) mm, 23.0 kg 53 3/8" (W) x 15 1/8" (D) x 6 3/8" (H) , 51 lbs.
Accessory	TOOLS for S90 CD-ROM

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