YAMAHA

MOTIF-RACK

TONE GENERATOR

MOTIF MUSIC PRODUCTION POWER
– Plus Some – In a 1U Rack Space

■ Yamaha's newest tone-generator delivers 896 superb voices and 59 drum kits.

■ Takes multi-timbre synthesis to a new level with full 128-note polyphony, 16-part architecture, and Multi Libraries suited to music production in all genres.

■ Enhanced effects: an all-new algorithm for superior reverb, up to 4 simultaneous-use insertion effects, and full 3-band equalization for each part.

■ 2 Modular Synthesis Plug-in System slots allow the MOTIF RACK to grow with your needs – go beyond 128-note polyphony and add more voices and effects.

■ 2 digital outputs plus stereo analog and 4 assignable analog outputs are standard.

■ Ready for versatile computer-based music production with a built-in USB interface plus sequence and voice editing software supplied.

MODULAR SYNTHESIS PLUG-IN SYSTEM

MOTIF-RACK

Sound, performance and features that will take your music to the Next Level

On-stage with a master keyboard or in your music production studio, the new MOTIF RACK packs the power and musicality of Yamaha's acclaimed MOTIF Music Production Synthesizers – and more – into a sleek 1U rack-mount unit. Right out of the box you have 896 normal voices plus 59 drum kits, all turbocharged by a brand-new Yamaha tone-generator LSI that delivers better sonic quality than ever before. And to make all these voices really sing you have simultaneous insertion effects for up to four parts, independent 3-band EQ for each part, and pro-quality reverb effects. That's a lot of raw material to work with, but the MOTIF RACK's Multi Libraries make putting it all together easier than ever with pre-programmed setups including effect, equalizer, and other settings for all types of music. Of course, you can tweak and edit the preset "Multis" to create your own and store them in any of the 128 memory locations provided. And with 128-note polyphony plus 16-part multi-timbre architecture you have all the production power you need for most musical projects. The MOTIF RACK also sports two Modular Synthesis Plug-in System slots that let you add more voices, effects, and polyphony to meet your growing needs. All of this power and versatility is easily accessible via an elegant user interface featuring a high-resolution 160 x 64 dot backlit graphic display, rotary encoders, and "Favorite" and "Audition" functions that help you get the sounds you need faster and easier.

Interfacing to other gear is easy and versatile, too: there are two digital outputs plus stereo analog and four assignable analog outputs, and a USB interface for direct connection to a computer-based production system. Voice-editing and sequencing software is supplied on CD-ROM.

Specifications

Tone Generator block	Tone Generator	AWM2 (complying with the Modular Synthesis Plug-in System)
	Polyphony	128 notes + the polyphony of the Plug-in Board (if installed)
	Wave	84 MB (when converted to 16-bit linear format)
Voice	Voice	Preset Voices: 640 normal voices + 48 drum kits Preset GM Voices: 128 normal voices + 1 drum kit Editable User Voice Memory Area - 256 normal voices, 32 drum kits (Factory Data includes 128 User Area normal voices and 22 factory programmed User Area drum kits)
	Plug-in Voice	Preset for the PLG150-AN/DX/PF/DR/PC: 64 Preset for the PLG150-VL: 192 User: 64 for each Plug-in connector
Multi	Multi	User: 128
	Multi Library	Performance: 59 Multi: 65
Effect	Reverb	20 types
	Chorus	44 types
	Insertion 1	107 types
	Insertion 2	107 types
	Master Equalizer	5 bands (High/HighMid/Mid/LowMid/Low)
	Part Equalizer	3 bands (High/Mid/Low)

Arpeggio	Preset 1: 128 types Preset 2: 128 types	
Panel Buttons/ Controllers	STANDBY/ON switch, VOLUME knob, Data dial, Cursor buttons, EXIT button, PAGE buttons, MUTE/SEL button, Part/Element buttons, BANK buttons, SHIFT button, CATEGORY button, Mode buttons	
Connectors	Front	PHONES
	Rear	DC IN, USB, MIDI IN/OUT/THRU, DIGITAL OUTPUT, OPTICAL OUTPUT, ASSIGNABLE OUTPUT 1-4, OUTPUT L/MONO, R
	Top	PLG1, PLG2
Others	Display	160 x 64 dot graphic backlit LCD
	Supplied Accessories	Power adaptor (Included or optional depending on locale), Owner's Manual set, CD-ROM
	Power Consumption	17W (maximum; 22W when two plug-in boards are installed)
Dimensions, Weight	480(W) x 372.4(D) x 44(H) mm, 4.1kg 18 $^7/_8$"(W) x 15"(D) x 2"(H), 9 lbs	

• Specifications and appearance subject to change without notice.
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