

Overview

The MLA8 is eight-channel microphone and line preamplifier inherits acclaimed DM2000 head-amp technology.



Rear Panel

Features

- 1U size
- Unparalleled articulation and sonic quality descended from Yamaha's internationally acclaimed digital mixing consoles.
- 26 dB pad, adjustable 44 dB gain trim, 80 Hz high-pass filter, and phantom-power switch on each channel in a space-saving 1U design.
- Convenient color-coded control interface.
- Euroblock and D-sub 25-pin Connectors

Specifications

General Specifications

Total Harmonic Distortion*1	Less than 0.1% (THD+N) 20Hz to 20kHz @ +14dBu, 10kW (Input GAIN = Max.)
Frequency Response	0+0.5,-1dB 20Hz to 20kHz @ +4dBu, 10kW (Input GAIN = Max.)
Hum & Noise Level*2 (20Hz to 20kHz), Rs=150Ω	-128dBu Equivalent input noise (PAD off, GAIN Max.) -99dBu (68dB S/N) PAD on, GAIN Max. -108dBu (65dB S/N) PAD off, GAIN Min. -82dBu (92dB S/N) PAD on, GAIN Min.
Crosstalk (PAD on, GAIN Min.)	-90dB @1kHz adjacent input channels -70dB @10kHz
Maximum Voltage Gain	64dB CH IN to CH OUT
Channel PAD	26dB
Channel Gain	44dB Variable
Channel HPF	80Hz, 12dB/oct
Phantom Power	+48V DC Phantom voltage ON/OFF switch
Channel LED	SIGNAL (Green), PEAK (Red)
Power Requirements	Japan: AC100V, 50/60Hz North America: AC110-120V, 50/60Hz Other Areas: AC220-240V, 50/60Hz
Power Consumption	25W
Dimensions (W x H x D)	480mm x 44mm x 375.5mm (18.9" x 1.73" x 14.8"), 1U
Net Weight	4.7kg (10.3lbs)
Accessories	Owner's Manual, AC Power Cord, 8 x Euroblock Connectors (3P), 4 x Rubber Foot

*1 Total harmonic distortion is measured with a 18dB/Oct filter @80kHz.

*2 Hum & noise level is measured with a 6dB/oct filter @12.7kHz; equivalent to 20kHz filter with infinite dB/Oct attenuation.

Analog Input Specifications

Input Terminals	GAIN	Actual Load Impedance	For Use with Nominal	Input level		Connector
				Nominal	Max. before Clip	
0	-60dB	3kΩ	50-600Ω Mics & 600Ω Lines	-60dBu	-40dBu	XLR3-31 type*
26				-34dBu	-14dBu	
0	-16dB			-16dBu	+4dBu	
26				+10dBu	+30dBu	

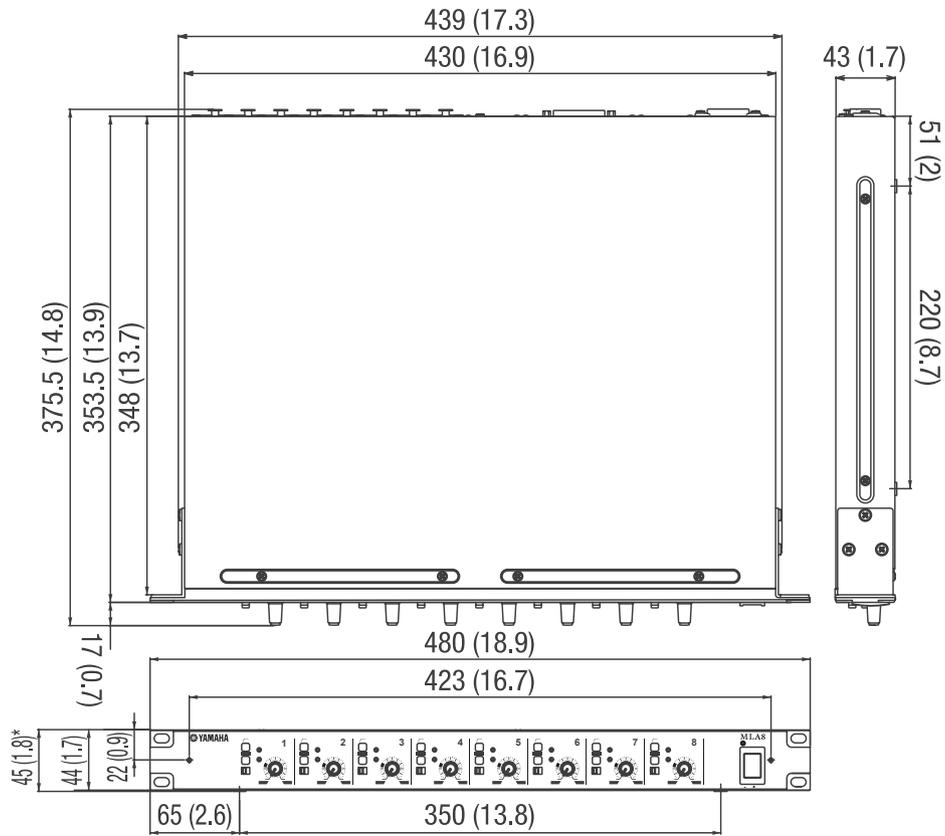
Analog Output Specifications

Actual Source Impedance	For Use With Nominal	Output Level *1		Connector In Amplifier Unit
		Nominal	Max. before Clip	
150 ohms	10 k ohms Lines	+4 dBu (1.23 V)	+24 dBu (12.3 V)	Euroblock connectors (balanced) D-SUB 25P female connector (balanced)

*1 0 dBu is referenced to 0.775 Vrms.

Dimensions

Unit: mm (inch)



* With the supplied rubber pads assembled.

Architectural and Engineering Specifications

The Yamaha MLA8 shall be a compact 1U-size 8-channel microphone and line head amplifier unit. Each channel shall include a 26 dB pad, adjustable 44 dB gain trim, an 80 Hz high-pass filter, and a phantom-power switch. The MLA8 shall include Euroblock connectors for compatibility with the widest possible range of installations, and a 25-pin D-sub connector for compatibility with Yamaha digital mixing consoles. Dimensions shall be 480 (W) x 44 (H) x 375.5 (D) mm. Weight shall be 4.7 kg.

*All information subject to change without notice.

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