

MLA8

8-channel Mic/Line Amplifier



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Rear Panel

Eight-channel microphone and line preamplifier inherits acclaimed DM2000 head-amp technology.

- 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.
- XLR connectors are provided for audio input, while output connections can be made via either D-sub 25-pin or Euroblock connectors.
- The D-sub 25-pin connector is compatible with the MY8-AD96 8-channel Mini-YGDAI A/D card, providing seamless connectivity with Yamaha digital mixers.

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)	480 x 44 x 375.5mm (18.9" x 1.73" x 14.8"), 1U
Weight	4.7kg (10.3lbs)

*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

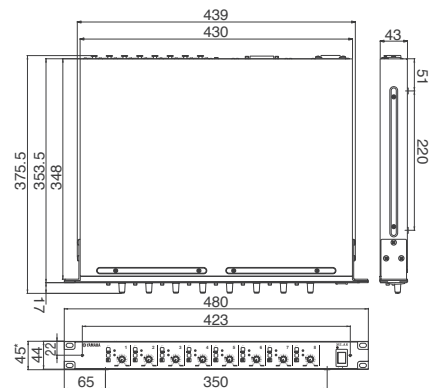
Input Terminals	GAIN	Actual Load Impedance	For use with nominal	Input level		Connector
				Nominal	Max. before clip	
0	-60dB	3kΩ	50-600Ω Mics & 600Ω Lines	-60dBu	-40dBu	XLR3-31 type*
26				-34dBu	-14dBu	
0	-16dB			-16dBu	+4dBu	
26				+10dBu	+30dBu	

ANALOG OUTPUT SPECIFICATIONS

Actual Source Impedance	For Use With Nominal	Output Level		Connector
		Nominal	Max. before clip	
75Ω	10kΩ Lines	+4dBu	+24dBu	Euroblock* D-sub 25pin*

DIMENSIONS

unit : mm



* With the supplied rubber pads assembled.