

MLA8

8-channel Mic/Line Amplifier



MLA8

Rear Panel

1U



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	Less than 0.1% (THD+N)	20Hz to 20kHz @ +14dBu, 10k Ω (Input GAIN = Max.)
Frequency response	0+0.5,-1dB	20Hz to 20kHz @ +4dBu, 10k Ω (Input GAIN = Max.)
Hum & noise level	-128dBu	Equivalent input noise (PAD off, GAIN Max.)
20Hz to 20kHz	-99dBu (68dB S/N)	PAD on, GAIN Max.
Rs=150ohms	-108dBu (65dB S/N)	PAD off, GAIN Min.
	-82dBu (92dB S/N)	PAD on, GAIN Min.
Crosstalk	-90dB	@1kHz adjacent input channels
PAD on, GAIN Min.	-70dB	@10kHz
Maximum voltage gain	64dB	CH IN to CH OUT
Channel PAD	26dB	
Channel gain	44dB	Variable
Channel HPF	80Hz, 12dB/oct	
Phantom voltage	+48V DC	Phantom voltage ON/OFF switch
Channel LED	SIGNAL (Green), PEAK (Red)	
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)	

*0 dBu=0.775 Vrms.

ANALOG INPUT SPECIFICATIONS

Input Terminal	Gain	Actual Load Impedance	For Use With Nominal	Input Level		Connector
				Nominal	Max. before Clip	
0	-60	3k Ω	50-600 Ω Mics & 600 Ω Lines	-60dBu	-40dBu	XLR-3-31 type
26				-34dBu	-14dBu	
0	-16			-16dBu	+4dBu	
26				+10dBu	+30dBu	

*1 XLR-3-31 and XLR-3-32 type connectors are balanced. (1=GND, 2=HOT, 3=COLD)

*0 dBu=0.775 Vrms.

ANALOG OUTPUT SPECIFICATIONS

Actual Source Impedance	For Use With Nominal	Output Level		Connector
		Nominal	Max. before Clip	
150 Ω	10k Ω lines	+4dBu	+24dBu	Euroblock D-sub 25pin

*0 dBu=0.775 Vrms.

DIMENSIONS

