

# 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

<b>Total harmonic distortion</b>	Less than 0.1% (THD+N)	20Hz to 20kHz @ +14dBu, 10kΩ (Input GAIN = Max.)
<b>Frequency response</b>	0+0.5,-1dB	20Hz to 20kHz @ +4dBu, 10kΩ (Input GAIN = Max.)
<b>Hum &amp; noise level</b>	-128dBu	Equivalent input noise (PAD off, GAIN Max.)
<b>20Hz to 20kHz</b>	-99dBu (68dB S/N)	PAD on, GAIN Max.
<b>Rs=150ohms</b>	-108dBu (65dB S/N)	PAD off, GAIN Min.
	-82dBu (92dB S/N)	PAD on, GAIN Min.
<b>Crosstalk</b>	-90dB	@1kHz adjacent input channels
<b>PAD on, GAIN Min.</b>	-70dB	@10kHz
<b>Maximum voltage gain</b>	64dB	CH IN to CH OUT
<b>Channel PAD</b>	26dB	
<b>Channel gain</b>	44dB	Variable
<b>Channel HPF</b>	80Hz, 12dB/oct	
<b>Phantom voltage</b>	+48V DC	Phantom voltage ON/OFF switch
<b>Channel LED</b>	SIGNAL (Green), PEAK (Red)	
<b>Dimensions (W x H x D)</b>	480 x 44 x 375.5mm (18.9" x 1.73" x 14.8"), 1U	
<b>Weight</b>	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	3kΩ	50-600Ω Mics & 600Ω 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	
150Ω	10kΩ lines	+4dBu	+24dBu	Euroblock D-sub 25pin

\*0 dBu=0.775 Vrms.

## DIMENSIONS

