

# MXE-1212 SPECIFICATIONS

## 1. INPUT SECTION

Input	Connector	Input Impedance	Nominal Level	Max Level
MONO CH MIC	XLR	>1.3K $\Omega$	+2 dBm	+14 dBm
MONO CH LINE	1/4" TRS	>10K $\Omega$	+4 dBm	+22 dBm
STEREO CH LINE	1/4" TS	>10K $\Omega$	+4 dBm	+22 dBm
TAPE IN	RCA PIN JACKS	>10K $\Omega$	+2 dBm	+22 dBm
AUX RETURNS	1/4" TS	>10K $\Omega$	+4 dBm	+22 dBm
INSERT IN	1/4" TRS	>10K $\Omega$	+4 dBm	+22 dBm

## 2. OUTPUT SECTION

Output	Connector	Output Impedance	Nominal Level	Max Level
STEREO OUT L/R	XLR & 1/4" TRS	120 $\Omega$	+4~+6 dBm	+22 dBm
AUX SENDS	1/4" TS	120 $\Omega$	+4~+6 dBm	+20 dBm
INSERT OUT	1/4" TRS	120 $\Omega$	+4~+6 dBm	+22 dBm
REC OUT	RCA PIN JACKS	1K $\Omega$	+4~+6 dBm	+22 dBm
PHONES	1/4" TRS	200 $\Omega$	—	40mW X 2

## 3. FREQUENCY RESPONSE

ANY INPUT TO  
 ANY OUTPUT .....20 Hz to 20 KHz  $\pm$  3dB @ 0 dBm

## 4. TOTAL HARMONIC DISTORTION

ANY INPUT TO  
 ANY OUTPUT .....0.02%, 20 Hz-20 KHz @ 1Khz, 0 dBm

## 5. INPUT CHANNEL EQUALIZATION

High shelving .....12 KHz,  $\pm$  15 dB, Q fixed at 2 oct.  
 Mid bell .....2.5 KhZ,  $\pm$  15 dB, Q fixed at 1 oct.  
 Low shelving .....80 Hz,  $\pm$  15 dB, Q fixed at 2 oct.

## 6. MASTER MIX EQUALIZATION

7 band (63Hz,150Hz,400Hz,1KHz,2.5KHz,6.4KHz,15KHz),  
 $\pm$ -12dB

## 7. GAIN CONTROL RANGE

Input channel trim control....Stop to stop- Mic +10 dB~+60 dB,  
 Line +10 dB~+40 dB  
 Channel/Master/Effect Faders .....  $-\infty$  to +15 dB  
 Aux Send/Aux Master Send .....Off to +15 dB  
 Aux Return.....Off to +20 dB  
 Channel and Master Effect Sends.....Off to +15 dB

## 8. CROSSTALK @ 1KHZ

ADJACENT CHANNEL INPUTS .....-78 dB~-68 dB  
 INPUT TO OUTPUT ..... -78 dB~-68 dB

## 9. HUM AND NOISE

20 Hz-20 KHz, Rs=150 ohms, input TRIM @ 0 dB, input sensitivity at -60 dB  
 EQUIVALENT INPUT NOISE .....-129 dBm  
 RESIDUAL OUTPUT NOISE.....< 90 dBm

## 10. VU METERS

10-segment LED X 2

## 11. PHANTOM POWER

+48 VDC, globally selected

## 12. POWER REQUIREMENTS

Voltage selectable, 120VAC/60Hz or 230VAC/50Hz

## 13. FUSE

115VAC Operation .....2A, 5x20mm, 250V  
 230VAC Operation .....1A, 5x20mm, 250V

## 14. POWER CONSUMPTION

12W

## 15. DIMENSIONS AND WEIGHT

16" x 17" x 3.5" (406 x 432 x 89 mm), 14.7 lbs (6.7 Kg)