

## MX SERIES AMPLIFIERS SPECIFICATIONS

### Continuous Sine Wave Average Output Power, per channel, both channels driven, 20 Hz to 20 kHz

MX2500:	
8 Ω Bridged Power:	1500 W
8 Ω Dual Power:	500 W
4 Ω Dual Power:	750 W

MX3500:	
8 Ω Bridged Power:	2700 W
8 Ω Dual Power:	1000 W
4 Ω Dual Power:	1350 W

### Frequency Response

@1 W:	20 Hz – 20 kHz (+0, -1 dB)
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### Distortion (THD)

20 Hz – 20 kHz:	<0.5%
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### Signal-to-Noise Ratio (20 Hz – 20 kHz)

MX2500:	>104 dB below rated power, A-weighted
MX3500:	>105 dB below rated power, A-weighted

### Damping Factor

>200 @ 10 Hz to 400 Hz into 8 Ω

### Slew Rate

>10V/us

### Input Gain

MX2500:	33 dB
MX2300:	37 dB

### Input / Output

Input Type:	Female XLR Balanced
XLR Impedance:	20 kΩ balanced 10 kΩ unbalanced
Output Type:	Speakon® Male XLR Balanced [Thru]
Speakon Out Impedance:	600 Ω balanced
XLR Thru Out Impedance:	600 Ω balanced

### Line Input Power

Detachable line cord:	
MX2500:	~230–240VAC, 50–60 Hz, 500W @ 8 Ω
MX3500:	~230–240VAC, 50–60 Hz, 1000W @ 8 Ω
AC Connector:	3-pin IEC 250 VAC, 10 A male

### Safety Features

Input Protection:	Peak and RMS limiting, power supply and amplifier thermal protection
Cooling:	Variable-speed fans with back-to-front airflow
Channel Display LEDs:	Power, Signal, Clipping, Fault

### Physical Properties (product)

MX2500:	
Height:	3.5 in / 88 mm
Width:	19.0 in / 483 mm
Depth:	11.9 in / 303 mm
Weight:	30.4 lb / 13.8 kg

MX3500:	
Height:	3.5 in / 88 mm
Width:	19.0 in / 483 mm
Depth:	14.6 in / 370 mm
Weight:	40.3 lb / 18.3 kg

### Physical Properties (packaged product)

MX2500:	
Height:	6.1 in / 155 mm
Width:	22.9 in / 582 mm
Depth:	21.1 in / 536 mm
Weight:	35.5 lb / 16.1 kg

MX3500:	
Height:	6.1 in / 155 mm
Width:	22.9 in / 582 mm
Depth:	21.1 in / 536 mm
Weight:	45.4 lb / 20.6 kg

## MX SERIES AMPLIFIERS SPECIFICATIONS CONTINUED...

### Ordering Information

MX2500 2500W Professional Power Amplifier, US	P/N 2050850-00
MX2500 2500W Professional Power Amplifier, EU	P/N 2050850-01
MX2500 2500W Professional Power Amplifier, CN	P/N 2050850-05

MX3500 3500W Professional Power Amplifier, US	P/N 2050860-00
MX3500 3500W Professional Power Amplifier, EU	P/N 2050860-01
MX3500 3500W Professional Power Amplifier, CN	P/N 2050860-05

## MX SERIES AMPLIFIERS DIMENSIONS

