



**Dual-Channel  
Power Amplifier**

**M-500/700/1000/  
1500/2000**

## Features

- M-500: 500W@8Ω Bridged Mono
- M-700: 700W@8Ω Bridged Mono
- M-1000: 1000W@8Ω Bridged Mono
- M-1500: 1500W@8Ω Bridged Mono
- M-2000: 2000W@8Ω Bridged Mono
- Frequency Response  
10Hz - 35kHz, ±0.5dB
- Dual Variable-Speed Cooling Fans
- Soft-Start Protection System
- Balanced 20kΩ@0.775V Inputs
- <0.1% Total Harmonic Distortion
- Protection Circuitry
- Signal, Protection, Clip Indicators
- Rack Mount



## Description

The M-500/700/1000/1500/2000 are dual-channel concert-grade amplifiers. Their low profile size and clean, linear sound make them ideal for permanent installation in professional PA systems or for road use in live performances. Inputs are XLR/TRS "Combo" connectors, outputs are via rugged five-way binding posts or Speakon® connectors. Multiple amplifiers can be bridged together via XLR connectors on each input. All units have soft-start protection circuitry and feature signal protection and clip indicators on the front panel. For added versatility, they may be operated in stereo, dual mono or bridged mono mode. Dual variable-speed fans provide low-noise ventilation. The M-series amplifiers are powered by 100-120VAC or 220-240VAC 50/60Hz (depending on country requirements) and are packaged in 3.5" (2RU) or 5.25" (3RU) high rack-mount enclosures.

## Technical Specifications

<b>ELECTRICAL</b>	<b>M-500</b>	<b>M-700</b>	<b>M-1000</b>	<b>M-1500</b>	<b>M-2000</b>
Max Output Power (RMS)	500W	700W	1000W	1500W	2000W
Frequency Response	10Hz - 35kHz +/-0.5dB				
THD	< 0.1%				
Signal-to-Noise Ratio	>100dB				
Inputs	0.775V/20kΩ; 1/4" TRS and XLR 1/4" Combo Connectors				
Outputs	5-Way Binding Posts or Speakon®				
<b>GENERAL</b>					
Power Source	100-120VAC or 220-240VAC 50/60Hz				
Power Consumption	420W	520W	770W	950W	1300W
Weight	27lbs.	34lbs.	38lbs.	44lbs.	50.7lbs.
	12kg	15kg	17kg	20kg	23kg
Dimensions (W x H x D)	19" x 3.5" x 14.5"			19" x 5.25" x 14.5"	
	482mm x 88mm x 369mm			482mm x 132mm x 369mm	

## M-500/700/1000/1500/2000 Architects and Engineers Specifications

The power amplifier shall be a dual-channel amplifier capable of RMS output power of 500W(M-500), 700W(M-700), 1000W(M-1000), 1500W(M-1500), 2000W(M-2000) @ 8Ω bridged mono per channel.

Inputs shall be combo-type XLR/TRS ¼" connectors and outputs shall be via rugged five-way binding posts and Speakon® connectors.

The unit shall have a soft-start protection system to protect speakers against excessive power surges upon power on or power off.

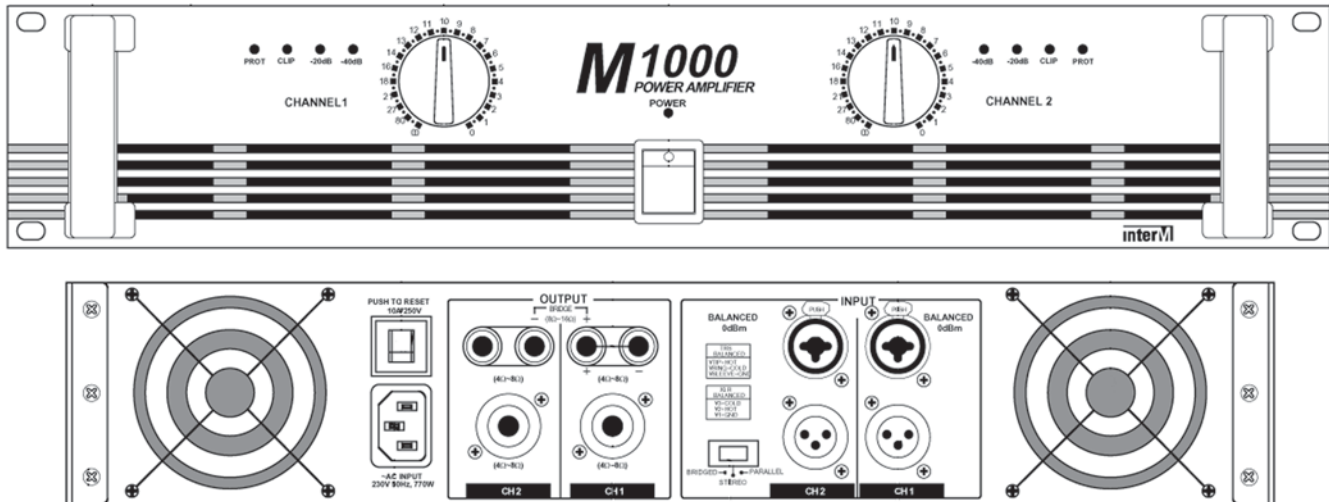
The unit shall meet the following performance criteria:

Frequency response shall be from 10Hz to 35kHz ± 0.5dB; total harmonic distortion shall be less than 0.1%; and input sensitivity and impedance shall be 0dB@20kΩ.

The M-500/700/1000 amplifier shall measure 19"(482mm) wide x 3.5"(88mm) high x 14.5"(369 mm) deep and shall be powered by 100-120VAC or 220-240VAC 50/60Hz (depending on country requirements). The M-1500/2000 amplifier shall measure 19"(482mm) wide x 5.25"(132mm) high x 14.5"(369mm) deep and shall be powered by 100-120VAC or 220-240VAC 50/60Hz (depending on country requirements).

The power amplifier shall be an Inter-M model M-500/700/1000/1500/2000.

### M-500/700/1000/1500/2000 Front and Rear Views



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