

### Features

- L-800: 800W@4Ω Bridged Mono
- L-1400: 1400W@4Ω Bridged Mono
- L-1800: 1800W@4Ω Bridged Mono
- L-2400: 2400W@4Ω Bridged Mono
- Compact Modern Design
- High Pass Filters (30Hz or 50Hz)
- Clip Limiters (Switchable)
- Balanced Inputs (XLR or 1/4")
- <0.03% Total Harmonic Distortion
- Extensive Protection Circuitry
- LED Indicators: Power, Signal, Protection, Clip, Mode
- Rack Mount (2RU)



### Description

The L-800/1400/1800/2400 are professional stereo amplifiers capable of driving 2Ω loads. Their low profile and clear, 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 linked together via XLR connectors on each input. The high-power units (L-1800 and L-2400) have a two-stage Class-H design that maximizes their performance. All amplifiers are equipped with high-pass filters on each channel to help maintain sound quality while protecting the loudspeakers. Clip-limiters are supplied on each channel to help prevent distortion due to excessive signal levels. All units have soft-start protection circuitry and feature power, signal, protection, mode and clip indicators on the front panel. For added versatility, they may be operated in stereo, dual mono or bridged mono mode. The L-series amplifiers are powered by 100-120VAC or 220-240VAC 50/60Hz (depending on country requirements) and are packaged in 3.5" high (2RU) rack mount enclosures.

### Technical Specifications

ELECTRICAL		L 800	L 1400	L 1800	L 2400
Power Output Level	8Ω Stereo	200W	280W	360W	500W
	4Ω Stereo	300W	450W	600W	750W
	2Ω Stereo	430W	700W	900W	1200W
	8Ω Bridged	600W	900W	1200W	1500W
	4Ω Bridged	800W	1400W	1800W	2400W
Input Sensitivity/Impedance		20kΩ (Balanced/Unbalanced)			
Frequency Response		20Hz - 20kHz : ±0/1dB, -3dB : 5Hz - 70kHz			
THD	4/8Ω Stereo	< 0.03%			
	8Ω Bridged	< 0.03%			
Damping Factor		> 400			
GENERAL					
Power Source		100-120VAC or 220-240VAC 50/60Hz			
Power Consumption		3A	3.5A	4A	4.5A
		660W	770W	880W	990W
Weight		37.5lbs.	38.6lbs.	40.2lbs.	41.8lbs.
		14kg	14.4kg	15kg	15.64kg
Dimensions (W x H x D)		19" x 3.5" x 14.5"			
		482mm x 88mm x 369mm			

## L-800/1400/1800/2400 Architects and Engineers Specifications

The power amplifier shall be a professional stereo amplifier capable of RMS output power of 800W/L-800, 1400W/L-1400, 1800W/L-1800 or 2400W/L-2400 @ 4Ω bridged mono per channel. Inputs shall be combo type XLR/TRS ¼" connectors and output via rugged five-way binding posts and Speakon® connectors. The amplifier shall be equipped with high-pass filters on each channel to help maintain sound quality while protecting loudspeakers. Clip-limiters shall be supplied on each channel to help prevent distortion due to excessive signal levels.

The unit shall have a soft-start system to protect speakers against excessive power surges upon power on or power off. The unit shall feature power, signal, protection, mode and clip indicators on the front panel.

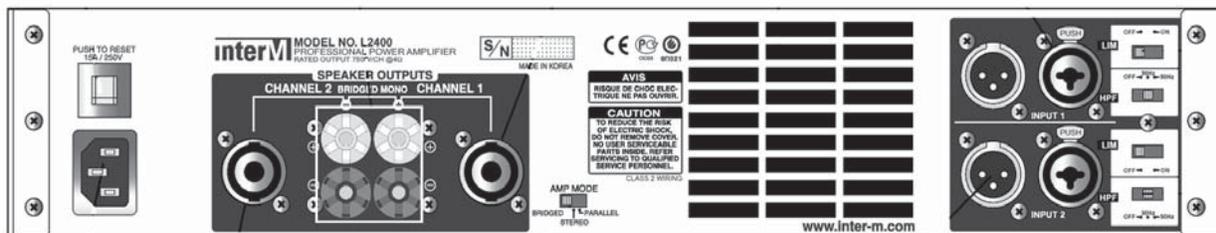
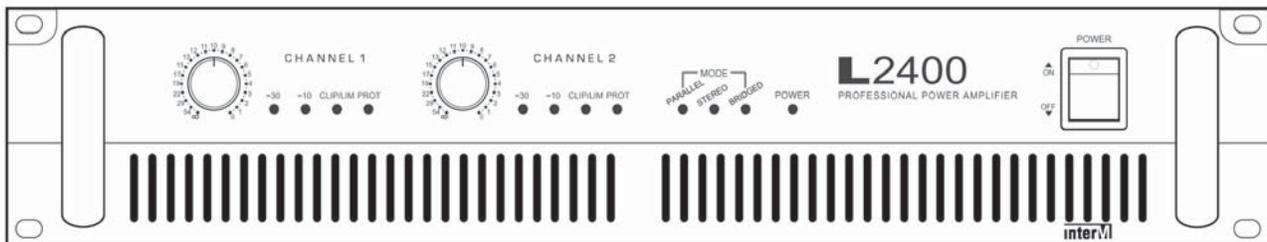
The professional stereo amplifier shall meet the following performance criteria:

Frequency response shall be from 20Hz to 20kHz ± 0.5dB; total harmonic distortion shall be less than 0.03%; and the damping factor shall be greater than 400.

The L-800/1400/1800/2400 professional stereo 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.

The professional stereo amplifier shall be an Inter-M model L-800/1400/1800/2400.

## L-800/1400/1800/2400 Front and Rear Views



Inter-M Americas, Inc. • 1 E. Beacon Light Lane • Chester, PA 19013

Tel: 610-874-8870 • Fax: 610-874-8890 • E-mail: [info@inter-m.net](mailto:info@inter-m.net)

Website: [www.inter-m.net](http://www.inter-m.net)

Inter-M Corp. (Korea) • 653-5 Banghak-Dong • Dobong-Ku • Seoul • Korea

Tel: 82-2-2289-8140~8 • Fax: 82-2-2289-8149 • E-mail: [export@inter-m.com](mailto:export@inter-m.com)

Website: [www.inter-m.com](http://www.inter-m.com)