

MODEL NO: R-500PLUS

NAME: 2 Channel Stereo Power Amplifiers



OVERVIEW

The R-500 PLUS are dual-channel high-performance amplifiers. Their clear, open sound and quiet operation make them ideal for reference systems and church sound applications. Inputs are via balanced XLR or 1/4" connectors, outputs are via rugged five-way binding post connectors. 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. They have front-panel mounted mains switch, level controls and indicators for power, protection, clip and signal present. Convection-cooling provides noise-free ventilation for critical applications. Mains inlet is via an IEC connector. The R-PLUS series amplifiers are powered by 100-120VAC or 220-240VAC 50/60Hz (depending on country requirements) and are packaged in a 3.5" (2RU) rack mount enclosures.

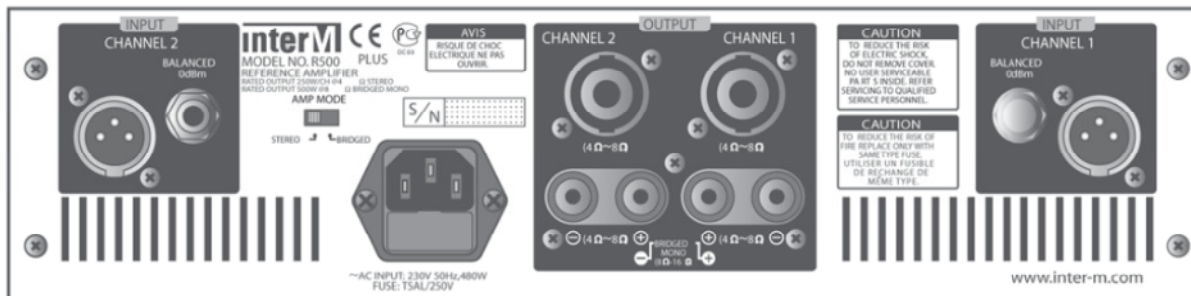
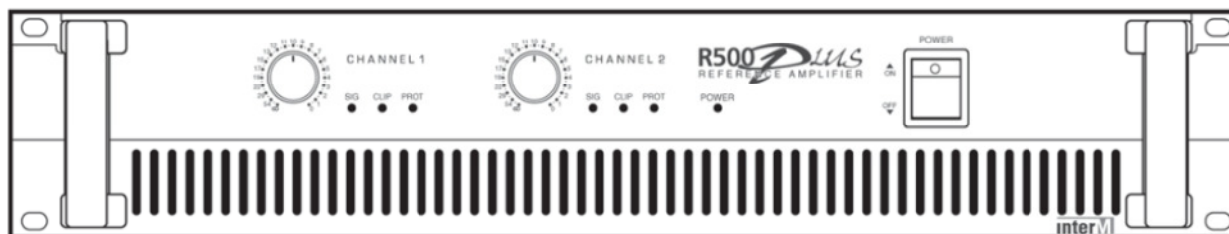
FEATURE

- R-150 PLUS: 150W@8 Ω Bridged Mono 75W@4 Ω Stereo
- R-300 PLUS: 300W@8 Ω Bridged Mono 150W@4 Ω Stereo
- R-500PLUS: 500W@8 Ω Bridged Mono 250W@4 Ω Stereo
- Frequency Response 20Hz- 20kHz, ± 0.5 dB
- Convection Cooled
- SoftStart Protection System
- Balanced 10k Ω @0.775V Inputs
- Inputs (XLR~1/4" jack)
- Stereo operation (4/ Ω)
- Bridged mono operation (8 Ω)
- <0.05% Total Harmonic Distortion
- Extensive Protection Circuitry
- Signal, Protection, Clip Indicators

- Outputs (speakon~binding posts)

SPECIFICATION

ELECTRICAL		R150 PLUS	R300 PLUS	R500 PLUS
Power Output	4 Ω Stereo	75W + 75W	150W + 150W	250W + 250W
	8 Ω Stereo	50W + 50W	100W+ 100W	170W + 170W
	8 Ω Bridged Mono	170W	330W	500W
Input Sensitivity/Impedance		0.775Vrms/10k Ω , Balanced		
Frequency Response (± 0.5 dB)		20Hz - 20kHz		
THD		< 0.05%		
Residual Noise		< -80 dB		
Channel Separation		> 70 dB		
Damping Factor		> 100		
GENERAL				
Power Source		100-120VAC or 220-240VAC 50/60Hz		
Power Consumption		170W	250W	480W
Weight		15.9lbs.	18.5lbs.	22.9lbs.
		7.2kg	8.4kg	10.4kg
Dimensions (W x H x D)		19" x 3.5" x 12.5"		
		482mm x 88mm x 317mm		



APPLICATION

Our technology can be found in schools, hospitals, malls, campus, transportation, correctional facilities and a variety of commercial and industrial applications.

- **Education facilities**
(Elementary / high school / College /University / Training Institute, etc)
- **Commercial establishments**
(Department stores, Shopping centers, multiplex cinemas, hospitals, etc.)
- **Public facilities**
(Government offices, transportation, stations, terminal, exhibition hall, factory, resorts, etc.)

Related Products

- R-150PLUS
- R-300PLUS