



Professional Power Amplifier



PM-Series amplifiers are high-efficiency, lightweight, two channel, high power amplifiers incorporating the latest technologies delivering quality and value for professional quality performance at an extremely affordable price. Whether your application is professional audio or fixed performance installation, PM amplifiers are optimized to provide reliable audio performance with sonic perfection.

AUTORAMP gradually increases gain to the attenuator level-settings when the amplifier is turned on. This prevents abrupt turn-on level.

PM3500 is an extremely musical power amp. Each amplifier permits the individual adjustment of maximum voltage peak output, bridge-mode operation, gain adjustment, and as standard. With these features it is now possible to specify identical amplifiers in installation and then adjust and fine tune each output to the very specific requirement of the speaker system design.

PM-Series protection circuits include: output over-current protection, DC output protection, chassis internal temperature monitoring, inrush limiting and a mains circuit breaker.

Barrierstrip, balanced XLR and 1/4" TRS inputs. Output Speakon and Binding posts. Flat response over a wide frequency range. Front-panel level control (-85db to 0db). We included built-in high pass filters and 150Hz/18db/octave subwoofer crossovers, low-cut filters to prevent woofer cone fluter:

FEATURES

- Toroidal power transformer.
- Dual, variable-speed fans.
- Built-in Gain Comparator Limiting circuit.
- Ground-lift switch and rear panel circuit breaker
- Balanced XLR and 1/4-inch phone jacks for each channel inputs.
- Full protection from over-heating, DC, high-frequency overloads and internal fault.
- Built-in high pass filters and 150Hz/18dB/octave subwoofer crossovers, low-cut filters to prevent woofer cone fluter



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Rate Output Power Per channel (RMS)	Stereo Mode Both Channel Driven	8Ω	350W
		4Ω	700W
	Bridged Mono Mode	2Ω	900W
		8Ω	1250W
		4Ω	1800W
Total Harmonic Distortion	<0.001 % @ 20Hz ~20KHz		
Intermodulation Distortion	<0.002 % @ 60Hz ~7KHz		
Input Sensitivity	1.5V		
Max input level	+26dBu		
Input Impedance	10KΩ (Unbalanced) 1/4" TRS 20KΩ (balanced) XLR		
Slew Rate Internal	80V/μs		
Signal to Noise Rate	> 110 dB		
Crosstalk at Rate	> 90 dB (output power 8Ω@ 1KHz)		
Frequency Response	5Hz ~ 120KHz ± 1dB		
Voltage Gain	42dB		
Amplifier Protection	Output Overcurrent , DC Output , Chassis Temperature , Mains Breaker		
Indicator	Signal / Protection / Peak / Power/Bridged		
Cooling	Variable Speed Fan , Front-to-Rear Air Flow		
Output Connector	Speakon and Binding Type		
Damping Factor	> 1200 (f = 1KHz 8Ω)		
Common Mode Rejection(CMR)	> 80 dB (20Hz to 1KHz)		
Operating Temperature / Humidity	Temperature : -10°C ~40°C Humidity : 0%~90%		
AC Power Consumption	1500W @ Rate Power		
Dimension	88mm(H) x 483mm(W) x 410mm(D)		
Weight	12Kg		
Power Supply	AC 115V , 50/60 Hz ± 10%		
Mounting	19" Rack		