

# PL - SERIES

PROFESSIONAL POWER AMPLIFIER



The **PL Series** amplifier is multi-channel professional built-in Digital Signal Processor Class – D amplifier, meticulously designed to ensure outstanding reliability and performance. Thanks to the automatic temperature control and unique limiting functions that gives high efficiency to ensures that the PL series amplifiers operate efficiently, minimizing power loss and heat generation, and designed for long-term use, these amplifiers offer consistent performance and durability, making them a reliable choice for professional audio applications such as concerts and live performances, entertainment venues, lounges, pubs, bars and auditorium installations with deep, resonant sound. The 64 bit multimode DSP allow users to use its innovative features like limiters, delay, crossovers & speakers presets.

The PL series amplifier also comes in the **analogue version** as well. It's a versatile and reliable solution for professionals seeking high-performance audio equipment.

## Specifications

Model	PL 4.1	PL 4.5
Power @8Ω per channel	1000W x 4	1500W x 4
Power @4Ω per channel	1600W x 4	2500W x 4
Bridge/8Ω	3000W x 2	5000W x 2
Average Current Draw	6.5A @ 230V AC	7.5A @ 230V AC
Input Power Consumption	1495W	1725W
Digital Signal Processor	64 bit multimode DSP	
Frequency Response	20HZ~20KHZ(0.5dB/-0.5dB)	
THD+N	<0.05%@8Ω 1kHz	
S/N Ratio	>98dB (A-weighted)	
Damping Factor (1 kHz @ 8Ω)	>1000 (1 kHz @ 8Ω)	
Crosstalk (1 kHz)	>85dB	
Input Sensitivity	0.775V/1.44V	
Input Impedance	20KΩ Balanced	
Product Dimension (W x D x H) mm	482 x 330 x 88	
Net Weight (Kg)	10	11

# PL - SERIES

PROFESSIONAL POWER AMPLIFIER



## Specifications

Model	PL 1004	PL 1504
Power @8Ω per channel	1000W x 4	1500W x 4
Power @4Ω per channel	1600W x 4	2500W x 4
Bridge@8Ω	3000W x 2	5000W x 2
Average Current Draw	6.5A @ 230V AC	7.5A @ 230V AC
Input Power Consumption	1495W	1725W
Protection Circuitry	Clipping, Long Term RMS, DC, Thermal, Short Circuit, Overloads	
Frequency Response	20HZ~20KHZ(0.5dB/-0.5dB)	
THD+N	<0.1%@8Ω 1kHz	
S/N Ratio	>98dB (A-weighted)	
Damping Factor (1 kHz @ 8Ω)	>3000 (1 kHz @ 8Ω)	
Crosstalk (1 kHz)	>90dB	
Input Sensitivity   Default Gain	32 dB	
Input Impedance	20KΩ Balanced	
Product Dimension (W x D x H) mm	482 x 330 x 88	
Net Weight (Kg)	10	11

## Safety Instructions

- Do not use this product near water.
- Clean only with a dry cloth.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not block any ventilation openings. Install following the manufacturer's instructions.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Unplug the unit during lightning storms or when unused for long periods.
- Refer all servicing to qualified service personnel. Servicing is required periodically and when the unit is damaged, either mechanically or electrically, or is used in the smoky/dusty environment.