

PL Series High Power Digital Professional Amplifier Class - D



The PL Series amplifier is multi-channel professional built-in Digital Signal Processor (DSP) 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 PL series amplifiers are a versatile and reliable solution for professionals seeking high-performance audio equipment. The 64 bit multimode DSP allow users to use its innovative features like limiters, delay, crossovers & speakers presets etc.



Key Features

- 64-bit Multimode DSP
- Over temperature protections
- Short circuit protection
- Light weight and Portable

Parameter	Model	PL4.1	PL4.5
Power @8Ω per channel		1000W×4	1500W×4
Power @4Ω per channel		1600W×4	2500W×4
Bridge/8Ω		3000W×2	7500W×2
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 @ 8 Ω)	
Crosstalk		> 85dB	
Input Sensitivity		0.775V/1.44V	
Input Impedance (Bal/Unbal)		20KΩ/10KΩ	
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.