

PZ 6300

6 Channel Power Amplifier



The Pulz PZ6300 six channel power amplifier is specially designed as a cost effective solution for today's competitive environments. The robust bipolar output circuit combines clean power with superb dynamics and can accurately drive a variety of speaker systems, in both active and passive modes. This amplifier is an ideal solution for today's immersive audio installations which require many channels of high power amplification.

The power supply consists of two heavy-duty high current toroidal transformer and large capacitor banks that deliver continuous power without hiccups when driving low impedance speakers. The high-power bipolar devices and the forced air cooling ensure stable operation under harsh conditions. The topology consists largely of discrete components for long term reliability. The modular construction facilitates field serviceability.

The front panel features signal presence, clipping and fault indicators. The amplifier is fully protected against internal and external malfunctions. The Pulz PZ6300 is housed in a 2U rack mountable chassis. The front to back forced air cooling facilitates direct stacking, saving valuable rack space.

The exceptional price to performance ratio combined with sturdy construction makes the Pulz PZ6300 an investment that guarantees many years of trouble free service. The amplifier is also available in a 3 channel configuration which can be upgraded to a 6 channel version.



Features :

- Modular construction
- Forced front to back air-cooling
- Turn on delay
- Strategically located transformer to reduce front panel torsion

PZ 6300

6 Channel Power Amplifier



Specifications

No. of Channels	6
Output Power (per channel)	6 X 200 Watts @ 8Ω 6 X 300 Watts @ 4Ω
Frequency response	30Hz – 20kHz, +0.2dB
Total Harmonic Distortion + Noise	<0.01% 20Hz - 20kHz @ 8Ω
Intermodulation Distortion	<0.03% SMPTE @ 8Ω
Signal to Noise Ratio	-95dB
Damping factor	>100 @ 8Ω
Crosstalk	-90dB
Slew Rate	50V/us
Input Sensitivity	1.3V RMS (+5dBu)
Input Impedance	20kΩ, balanced
Voltage Gain	29dB
Bandwidth	100kHz
Cooling	Forced air, front to side
Protection	Ultra Sonic, Short circuit
Load Protection	Turn on delay, DC fault protection
Subsonic Filter	30Hz or 100Hz selectable with header o each module
Power requirement	230 – 240V AC, 50Hz – 60Hz
Connectors	
Inputs	Balanced inputs Phoenix
Outputs	NL4 Speakon
Front panel	Power switch, Power/Protection indicator, Signal indicator, Clip
Rear panel	Level control
Dimensions/Weight	
Product dimensions (H X W X D)	89 mm X 480 mm X 478 mm (3.5" X 19" X 18")
Net Weight	26 kg (57 lb)
Packed Weight	28 kg (62 lb)

Pulz reserves the right to make changes in specification without prior notice.