

# **pulz**<sup>®</sup>

## **sound matters**



## **PZ6300**

The PULZ PZ6300 is a class AB power amplifier from the UL range of products with multiple channel configuration 6ch/5ch/4ch/3ch/2ch. It is specially designed for high end home & cinema environments. The robust bipolar output circuit combines clean power with superb dynamics and can accurately drive a variety of speaker systems.

The Pulz PZ6300 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 torroidal 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. The topology consists largely of discrete components for long-term reliability. The modular construction facilitates easy serviceability. The front panel features signal level, clipping, and protect indicators. The amplifier is protected against internal and external malfunctions. The PZ6300 is housed in a heavy-duty 2U rack mountable chassis.

The exceptional price to performance ratio combined with sturdy construction makes the Pulz PZ6300 an investment that guarantees many years of trouble free service.

### **FEATURES**

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



## PZ6300 SPECIFICATIONS

No. of Channels	6/5/4/3/2
Output Power (per channel)	200 Watts @ 8Ω, 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
Protection	Short circuit protection, Ultrasonic and RF protection, thermal protection
Load Protection	Turn on delay, DC fault protection, Ultrasonic limiting
Input Connectors	Phoenix - Balanced inputs
Output Connector	Speakon N L4
Front panel	Power switch, Indicators - Power/Protect, Signal, Clip.
Rear panel	Level control, input & output connectors
Power requirement	230 - 240V AC, 50Hz - 60Hz
Power consumption	1600W
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 Electronics Ltd.  
 Plot 10A, Kailashpati  
 Veera Desai Road, Andheri (W)  
 Mumbai - 400 053 India.  
 Tel: 022 49702172  
 E-mail: mumbai@pulz.co.in  
 www.pulz.co.in

