

pulz[®]

sound matters



UL4500

The PULZ UL4500 is a four-channel power amplifier from the UL range of products. It is specially designed for today's competitive multiplex environments. The robust bipolar output circuit combines clean power with superb dynamics and can accurately drive a variety of speaker systems.

The power supply consists of a 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 in typical projection booths. The topology consists largely of discrete components for long-term reliability. The modular construction facilitates field serviceability. The front panel features signal level, clipping, and protect indicators. The amplifier is fully protected against internal and external malfunctions. The UL 4500 is housed in a heavy-duty 2U rack mountable chassis. The front to back forced air-cooling facilitates direct stacking, saving valuable rack space.

FEATURES

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

SPECIFICATIONS

No. of Channels	4
Output Power (per channel)	4 X 375 Watts @ 8Ω 4 X 500 Watts @ 4Ω
Output Power Bridge mono	1000 Watts @ 8Ω 1200 Watts @ 4Ω
Frequency response	30Hz - 20kHz, +0.2dB
Total Harmonic Distortion + Noise	<0.01% 20Hz - 20kHz @ 8Ω
Inter modulation Distortion	<0.03% SMPTE @ 8Ω
Signal to Noise Ratio	-94 dB
Damping factor	>100 @ 8Ω
Cross-talk	- 90dB
Slew Rate	>10V/us
Input Sensitivity	1.4V (+4dB)
Input Impedance	20kΩ, balanced
Voltage Gain	32dB
Bandwidth	100 kHz
Protection	Short circuit protection, Ultrasonic and RF protection, thermal protection
Load Protection	Turn on delay, DC fault protection, Ultrasonic limiting
Rear panel	Balanced inputs - XLR-Female Balanced output Link - XLR-Male Speaker connection - NL4 Speakon + Binding Post
Front panel	Power switch, Level control, Indicators - Power, Signal, Clip, Protection
Power requirement	230 - 240V AC, 50Hz - 60Hz
Maximum Input Power	1400W
Dimensions (H x W x D)	88 mm x 440 mm x 480 mm (3.47×17.3×18.9 in)
Net weight	26 kg (57 lb)
Packed weight	28 kg (62 lb)

(As part of Pulz's ongoing commitment to product development, specifications are subject to change without notice)

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