



250.4

High Voltage Output Switching Power Amplifier



Features

- 250 W x 4 / 100 V / 4 Ω
- Class-H
- 70 V /100 V outputs without transformer
- 4 Ω outputs
- Balanced inputs
- Band-pass filter

The 250.4 is a Class-H switching power amplifier dedicated to fixed installations. It features four independent 250 W channels driving both 4 Ω loads and 70 V/100 V lines.

Unlike most of 100 V amplifiers, the 250.4 does not use any output transformer, so the signal fed to the speakers is pure and natural. In addition, it uses a Class-H technology which gives a significant loss of weight and a gain of efficiency.

One of the most popular applications is having two independent zones including low impedance loads on channel 1 and 2 for proximity speakers, and 100 V line on channel 3 and 4 for long distance transducers.

All connectors and settings are located on the rear panel. Control Leds on the front panel give a real time status of the amplifier.

A switchable band-pass filter can eliminate hum and noise on the 100 V line when necessary.

The balanced inputs features XLR connectors and the outputs got screw terminals.

A time delay protects the loads from current transients when the power supply is switched on. The amplifier is also protected against overvoltage, short circuit and overheating.

Specifications

Power	250W x 4
Amplification	Class-H
Outputs	4Ω, 70V, 100V
THD (1 kHz/-3 dBv)	<0.1%
S/N Ratio (Ref. 1kHz, A-Weighted)	> 95dB
Mode	DUAL / MONO (Ch 1 & 2) and (Ch 3 & 4)
Crosstalk (Below Rated Power)	> 60dB
Input Level (balanced, 1 kHz)	0 ± 1.5 dBv
Input Level max. (balanced, 1 kHz)	20 dBv ± 1.5 dBv
Frequency Response	(L/H Filter OUT) 20 Hz – 20kHz ± 1 dB (L/H Filter IN) 200 Hz – 10 kHz ± 1 dB
Connectors	Inputs: XLR balanced Outputs: Screw terminals
Power Supply	AC: 115–230V 50/60Hz
Dimension (W x D x H)	483 x 360 x 88 mm
Weight	9.8 kg

Specifications subject to modification without notice



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