

Da 250-P



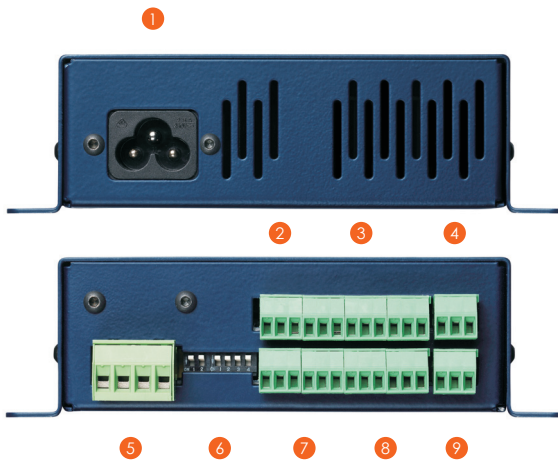
Ultracompact Power Amplifier (Remotable)



Main Features

- ▶ **DA 250-P** is a versatile and reliable two-channels power amplifier with innovative circuits and SMT technology.
- ▶ Very compact case and thin design, the best in fixed installation with very small spaces, for dual-channel amplification, Surround or multi-zone.
- ▶ Very low noise and distortion levels at any power, performance caught-up thanks to the exclusive use of high class components.
- ▶ Using D-class high quality power amplifiers, the **DA 250-P** has a very low thermal dissipation, with a consequently low running temperature, that assure a long time fully loaded work without overheating problems.
- ▶ VCA volume control for each channel that make this two-channels power amplifier suitable for applications where remote level control is needed.
- ▶ Protection circuits against DC, Subsonic Frequencies, Short Circuits, High Temperature, HF.
- ▶ LEDs indicate the operation status of the amplifier as: power, signal presence, peak, fault, aux in, mute.
- ▶ Fault logic output on removable connector for protection status reporting.
- ▶ Low impedance balanced audio input on Phoenix removable connectors.
- ▶ Auxiliary (AUX) balanced audio input for external sources with corresponding audio AUX switching logic input.
- ▶ Mute enabling logic port.
- ▶ Aux input logic port
- ▶ Power output on removable connectors that accept section cables up to 2,5 mm2.
- ▶ Input signal adjustment trimmer for each channel.
- ▶ RS485 serial interface allows to connect up to 255 amplifier units to external control systems for status monitoring and volume control for each channel.
- ▶ Output power: 2x50watt@4Ω.
- ▶ Output power in bridge mode 1x100watt@8Ω.
- ▶ Speaker's load from 4 to 16Ω.
- ▶ AC mains supply 110-230Vac on IEC 320 C5 plug.
- ▶ Compact metal case with quick fit system

Rear Panel (Inputs/Outputs)



- 1 Mains
- 2 VCA remote control
- 3 Logic Input and output
- 4 RS-485 serial port
- 5 Speakers output
- 6 Dip switch
- 7 Balanced line inputs
- 8 Balanced Aux inputs
- 9 Fault Relay

Technical Characteristics

Output power Single Ended: 2 x 50watts / 4Ω nominal load (THD+N* = 1% typ)

Output power in bridge mode: 1 x 100watt@8Ω (THD+N* = 1% typ)

Total Harmonic Distortion + noise: 0,05%

Frequency response: 20Hz to 20kHz 0dB/-3dB

Signal to Noise Ratio: (A-Weighted) 100 dB

High-pass filter: 2nd order 12dB per octave, 30/100/160 Hz switchable

Dynamic range: 100dB

Input impedance: 10kΩ

Maximum input: +22dBu

Sensitive input range: -22dBu / -5dBu

Remote level control: Attenuate 256 steps

Control System: RS485 serial interface to connect up to 255 amplifier units to external control systems for status monitoring and volume control for each channel

AC Mains Supply: 110/230Vac ±10% 50/ 60Hz (Auto ranging)

Power supply: 100W PFM switching mode

Fault flag out (Remote fault reporting): open collector

Size: 109mm (H) x 141mm (W) x 41,5mm (D)

Weight: 640g

Color: Custom InOut dark blue