

DA 250-P

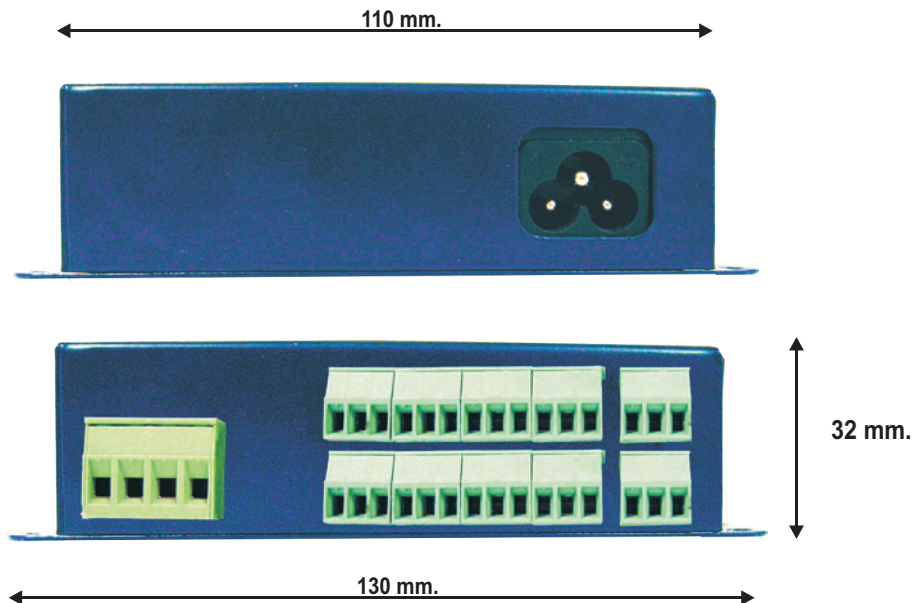
Ultracompact Power Amplifier

Preliminary



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: signal presence, peak, fault, power.
- 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 mmq.
- 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@4Û.
- Output power in bridge mode 1x100watt@8Û.
- Speaker's load from 4 to 16Û.
- AC mains supply 110-230Vac on IEC 320 C5 plug.
- Compact metal case with quick fit system



Technical Characteristics

- ◆ Output power Single Ended: 2 x 50watts / 4 ohm nominal load (THD+N* = 10% typ)
- ◆ Output power in bridge mode 1x100watt@8Ω.
- ◆ 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, 150 Hz switchable
- ◆ Dynamic range: 100dB
- ◆ Input impedance: 10kohm
- ◆ Maximum input: +22dBu
- ◆ Sensitive input range: -22dBu / -5dBu
- ◆ Switchable Input Sensitivity level: -8dBu to +5dBu
- ◆ Remote level control: Attenuate 256 steps
- ◆ 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
- ◆ Power supply: 100W PFM switching mode
- ◆ Fault flag out (Remote fault reporting): open collector
- ◆ Size: 32mm H x 110mm W x 130mm D
- ◆ Weight: 640g