

DESCRIPTION

The DA-250D is a 2-Channel Digital Power Amplifier featuring lightweight, compact, high power output, and high efficiency. It delivers 250 W × 2 channels (4 Ω output) using a switching power supply. Each channel is equipped with an independent power section. It can be mounted in an EIA Standard equipment rack (1 unit size).

SPECIFICATIONS

*0 dB = 0.775 V

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|---------------------------|--|
| Power Source | 220 - 240 V AC, 50/60 Hz |
| Amplification System | Digital Class D |
| Power Consumption | 120 W (based on EN standards) 620 W (rated output 4 Ω × 2) 400 W (rated output 8 Ω × 2) |
| Input | 2 circuits, +4 dB* (1.23 V) (input level control in maximum position), 10 kΩ, electronically-balanced, removable terminal block (3 pins), XLR-3-31 type connector CH 1 mode ON/OFF switch (ON: PARALLEL, OFF: STEREO) |
| Rated Output | 2 channels: 250 W × 2 (4 Ω), 170 W × 2 (8 Ω) 1 channel (BRIDGE): 500 W × 1 (8 Ω) M4 screw terminal, distance between barriers: 8.8 mm (0.35") |
| Frequency Response | 20 - 20,000 Hz (±1 dB) |
| Total Harmonic Distortion | 0.1% (1 kHz) 0.3% (20 - 20,000 Hz) |
| Protection Circuit | Protection against excessive current flow due to overload, short circuit, unusual DC voltage output, and heat sink temperature rise (over 100°C (212°F)) |
| S/N Ratio | 100 dB (A-weighted) |
| Crosstalk | 70 dB (A-weighted) |
| LED Indicator | Power (blue) × 1, Input (green) × 2, Output (yellow) × 2, Peak (red) × 2, Protect (red) × 2 |
| Cooling | Forced air cooling |
| Operating Temperature | -10°C to +40°C (14°F to 104°F) |
| Operating Humidity | Under 90% RH (no condensation) |
| Finish | Panel: Aluminum, black, alumite Case: Plated steel sheet |
| Dimensions | 482 (W) × 44 (H) × 401.8 (D) mm (18.98" × 1.73" × 15.82") |
| Weight | 5.3 kg (11.68 lb) |
| Accessory | Power cord (2 m (6.56 ft)) ×1, Removable terminal plug (3 pins) ×2, Tamper-proof cap ×2, Rack mounting screw (with plain washer) ×4 |

APPEARANCE

