TOA

250W DUAL POWER AMPLIFIER

DA-250D(CU)

■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

Power Source	120 V AC, 50/60 Hz
Amplification System	Class D
Power Consumption	120 W (based on UL/CSA standards) 650 W (rated output 4 Ω × 2) 420 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 Hz — 20 kHz (±1 dB)
Total Harmonic Distortion	0.1 % (1 kHz) 0.3 % (20 Hz — 20 kHz)
Protection Circuit	Protection against excessive current flow due to overload, short circuit, unusual DC voltage output, temperature rise at power amp. heat sink (100 ℃ or more (212 ℉)), temperature rise inside the unit (80 ℃ or more (176 ℉))
Signal to Noise 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 ℃ to +40 ℃ (14 ℉ to 104 ℉)
Operating Humidity	90 %RH or less (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 kg (11.02 lb)
Accessory	Power cord (2 m (6.56 ft)) ⋯1, Removable terminal plug (3 pins) ⋯2, Tamper-proof cap ⋯2

■APPEARANCE

Rear View

Front View

Side View

UNIT:mm   SCALE:1/3

TOA Corporation

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