

### DESCRIPTION

The DA-250DH is a 2-Channel Digital Power Amplifier designed for 70 V line high-impedance distribution and features lightweight, compact, high power output, and high efficiency. It delivers 250 W × 2 channels (19.6 Ω output) using a switching power supply. Each channel is equipped with an independent power section. It can be electrically isolated from the high-impedance speaker system by attaching the MT-251H Output Transformer (optional).

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) 580 W (rated output 70 V line, 19.6 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 (70 V line, 19.6 Ω) 1 channel (BRIDGE): 500 W × 1 (140 V line, 39.2 Ω) M4 screw terminal, distance between barriers: 8.8 mm (0.35")
Frequency Response	20 Hz – 20 kHz (±1 dB): HPF OFF/50 Hz – 20 kHz (-3 dB, +1 dB): HPF ON (selectable with the inner jumper)
Total Harmonic Distortion	0.1 % (1 kHz), 0.3 % (20 Hz – 20 kHz): HPF OFF 0.1 % (1 kHz), 0.3 % (100 Hz – 20 kHz): HPF ON
Protection Circuit	Protection against excessive current flow due to overload, short circuit, unusual DC voltage output, temperature rise at power amp. heat sink (100 °C or more (212 °F)), temperature rise inside the unit (80 °C or more (176 °F))
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 °C to +40 °C (14 °F to 104 °F)
Operating Humidity	90 %RH 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
Option	Matching transformer: MT-251H

### APPEARANCE

442 [17.4"]

