250W DUAL POWER AMPLIFIER

DA-250DH(CE)

■DESCRIPTION

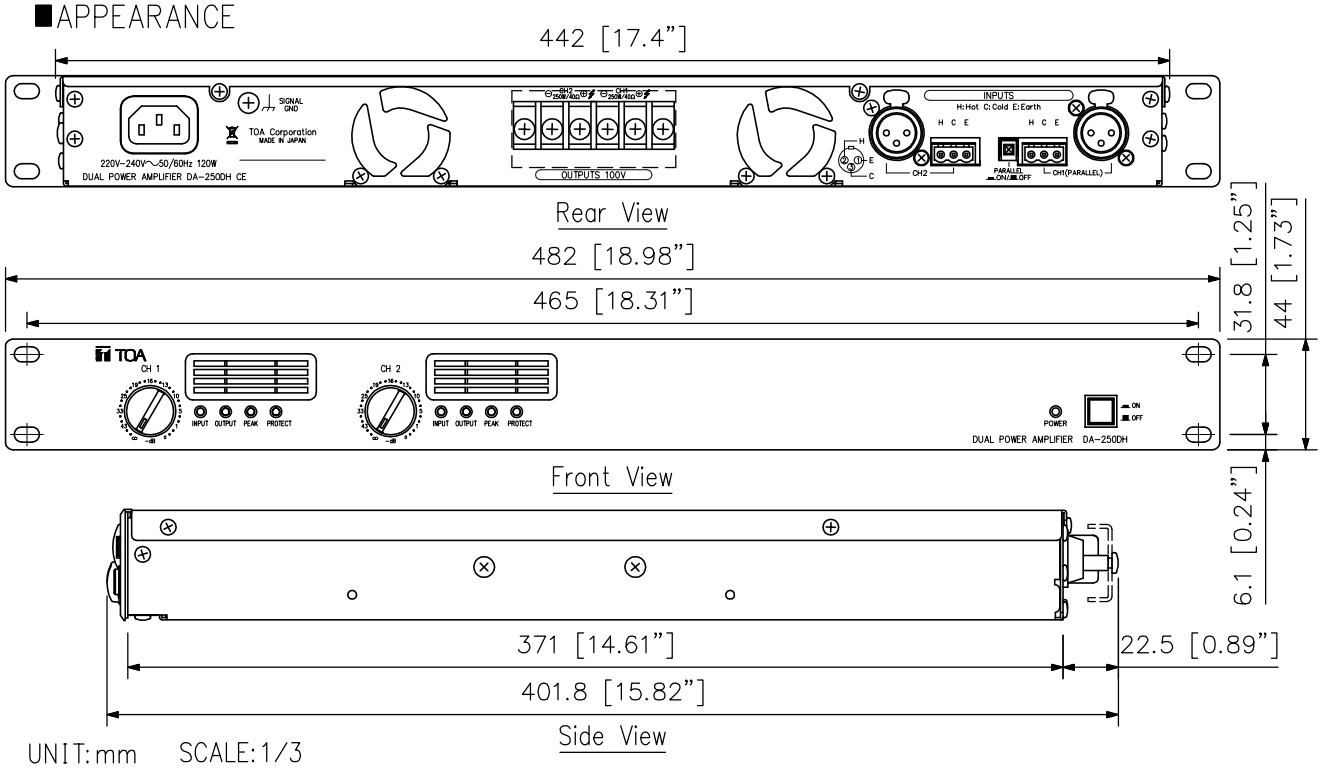
The DA-250DH is a 2-Channel Digital Power Amplifier designed for 100 V line high-impedance distribution and features lightweight, compact, high power output, and high efficiency. It delivers 250 W × 2 channels (40 Ω output) using a switching power supply. Each channel is equipped with an independent power section. It can be electrically isolated from the high-impedance speaker system by attaching the MT-250H Output Transformer (optional).
It can be mounted in an EIA Standard equipment rack (1 unit size).

■SPECIFICATIONS

*0 dB = 0.775 V

Power Source	220 – 240 V AC, 50/60 Hz
Amplification System	Digital Class D
Power Consumption	120 W (based on EN standards) 580 W (rated output 40 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 (40 Ω) M4 screw terminal, distance between barriers: 8.8 mm (0.35")
Frequency Response	50 – 20,000 Hz (–3 dB, +0 dB)
Total Harmonic Distortion	0.1% (1 kHz) 0.3% (100 – 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
Option	Matching transformer: MT-250H

■APPEARANCE



UNIT: mm SCALE: 1/3

TOA Corporation

DWG No: GDA00NA1