

# TOA DA-250FH



## MULTI-CHANNEL POWER AMPLIFIER

The **DA-250FH** is a 4-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 × 4 channels 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).



Amplification System	Class D	Power Source 240V AC , 50/60 Hz
Power Consumption	200 W (based on UL/CSA standards) / 250 W X 4 Channel	
Input	4 circuits, +4 dB* (1.23 V) (input level control in maximum position), 10 k $\Omega$ , electronically-balanced, removable terminal block (3 pins) CH 1 mode ON/OFF switch (ON: CH 1 to All ch, OFF: Each ch)	
Rated Output	4 channels: 250 W × 4 (70 V line, 19.6 $\Omega$ ) 2 channels (BRIDGE): 500 W × 2 (140 V line, 39.2 $\Omega$ ) M4 screw terminal, distance between barriers: 8.8 mm	
Frequency Response	20 - 20,000 Hz ( $\pm 1$ dB): HPF OFF/50 - 20,000 Hz (-3 dB, +1 dB)	
Total Harmonic Distortion	0.1% (1 kHz), 0.3% (20 - 20,000Hz): HPF OFF 0.1% (1 kHz), 0.3% (100 - 20,000 Hz): 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 (110°C or more), temperature rise inside the unit (80°C or more)	
S/N Ratio	100 dB (A-weighted)	
Crosstalk	70 dB (A-weighted)	
LED Indicator	Power (blue) × 1, Input (green) × 4, Output (yellow) × 4, Peak (red) × 4, Protect (red) × 4	
Cooling	Forced air cooling	
Operating Temperature	-10°C to +40°C	
Operating Humidity	90% RH or less (no condensation)	
Finish	Panel: Aluminium, black, alunite Case: Plated steel sheet	
Dimensions	482 (W) × 44 (H) × 401.8 (D) mm	
Weight	6.6 kg	