# TOA MULTICHANNEL POWER AMPLIFIER

DA-250FH(CE)

### **■**DESCRIPTION

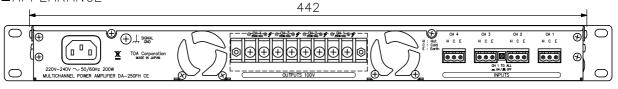
The DA-250FH is a 4-Channel Digital Power Amplifier designed for 100 V line high-impedance distribution and features lightweight, compact, high power output, and high efficiency. It delivers 250 W  $\times$  4 channels (40  $\Omega$  output) using a switching power supply. Each channel is equipped with 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

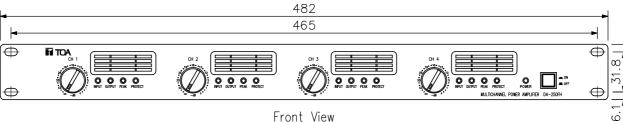
\*0 dB = 0.775 V

|                           | 0 45 01,70 1   |
|---------------------------|--|
| Power Source              | 220 - 240 V AC, 50/60 Hz   |
| Amplification System      | Digital Class D  |
| Power Consumption         | 200 W (based on EN standards)  |
| "                         | 1150 W (rated output 40 $\Omega$ $\times$ 4)                               |
| 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 $\times$ 4 (40 $\Omega$ )                                |
| ·                         | M4 screw terminal, distance between barriers: 8.8 mm                       |
| 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 110°C)     |
| 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        | Under 90% RH (no condensation)   |
| Finish                    | Panel: Aluminum, black, alumite  |
|                           | Case: Plated steel sheet   |
| Dimensions                | 482 (W) X 44 (H) X 401.8 (D) mm  |
| Weight                    | 6.8 kg   |
| Accessory                 | Power cord (2 m) ···1, Removable terminal plug (3 pins) ···4,              |
|                           | Tamper—proof cap …4, Rack mounting screw (with plain washer) …4            |
| Option                    | Matching transformer: MT-250H  |

## APPFARANCE







Front View

