

## DA-Z250D DIGITAL POWER AMPLIFIER



High power efficiency in delivering excellent sound quality

## DA-Z250D 2-Channel Digital Power Amplifier

TOA DA-Z250D is a 2-channel digital power amplifier that delivers excellent performance at high efficiency. With the Class D amplifier employed, high power efficiency is achieved and less heat is dissipated. Furthermore, it allows a reduction in size and weight. DA-Z250D is ideal for professional sound and installed sound application in small to medium-sized areas.

## **Features:**

- 2 channels
- · Compact and light
- Durable and sturdy
- Protection against excessive current due to overload, short circuit, unusual DC voltage output, power amplifier heat sink temperature rise

## **Specifications**

Power Source $220 - 240 \text{V AC}$ , $50/60 \text{Hz}$ Amplifier SystemDigital class DPower Consumption $120 \text{W (EN Standard)}$ , $620 \text{W (rated } 4\Omega \times 2)$ , $400 \text{W (rated } 8\Omega \times 2)$ Frequency Response $20 - 20 \text{kHz}$ , $\pm 1 \text{dB}$ DistortionLess than $0.3\%$ at $1 \text{kHz}$ , $1/3$ output ratedInput $2 \text{ channels}$ , $\pm 4 \text{dBm}^*$ (1.23V, on the position of the maximum volume control), $10 \text{k}\Omega$ ,
Power Consumption120W (EN Standard), 620W (rated $4\Omega \times 2$ ), 400W (rated $8\Omega \times 2$ )Frequency Response $20 - 20$ kHz, $\pm 1$ dBDistortionLess than 0.3% at 1kHz, 1/3 output rated
Frequency Response 20 – 20kHz, ±1dB  Distortion Less than 0.3% at 1kHz, 1/3 output rated
Distortion Less than 0.3% at 1kHz, 1/3 output rated
2000 than 0.0% at horz, no output ration
Input 2 channels, +4dBm* (1.23V, on the position of the maximum volume control), 10kΩ,
electronically balanced, XLR connector Parallel switch ON/OFF CH1 (ON: Parallel, OFF: each CH)
Output       2 channels: 250W x 2 (4Ω), 170W x 2 (8Ω)         1 channel: 500W (8Ω), BRIDGE
Protection Series Protection for over-current when the load is beyond the specifications, short-circuit, unnecessary DC voltage protection, and protection due to the increased excessive heat
S/N Ratio More than 80dB
Cooling System Cooling fan
Indicator LED Power (green) x 1, Input (green) x 2, Output (yellow) x 2, Peak (red) x 2, Protect (red) x 2
Finish Front Panel: Aluminum Hair Line, Etching Black Case: Steel Plate, Painting, Black
<b>Dimensions</b> 420 (W) x 59.5 (H) x 345 (D) mm
Weight 4.5kg
Accessory AC power cord 2 meters

**Note:** \* 0dBm = 0.775V

<sup>\*\*</sup> Specification is measured at AC voltage of 230V





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