

P-3248D-EA4

DIGITAL BOOSTER AMPLIFIER



P-3248D-EA4 is a high performance yet cost-effective digital booster amplifier equipped suited for broadcasting, paging, or background music in schools, offices, shops, houses of worship and large ballrooms.

Key features

- Universal power input: 100 - 240 V
- Booster Amplifier with 100 V Line Input

Specifications

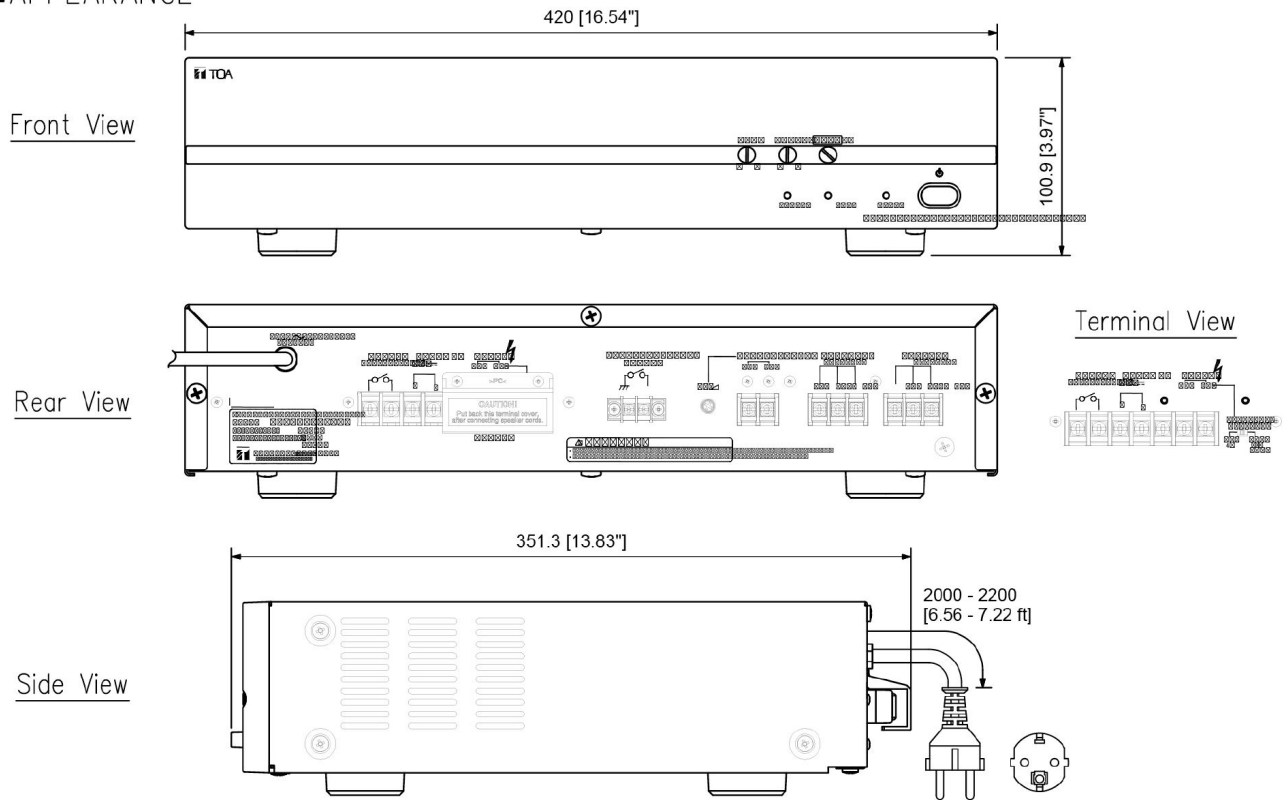
Power Source	100 - 240 V AC, 50/60Hz or 24 V DC
Power Consumption	99 W (AC operation at 1/8 maximum output without clip) (EN60065)
Input	Line In: 0 dB*, 10 k Ω , Balanced, Screw Terminal 100 V Line In: 40 dB*, 330 k Ω , Unbalanced, Screw Terminal
Rated Output	480 W
Output	Speaker out: Speaker Output in screw type terminal Direct line (selectable): 21 Ω (100 V) or 4 Ω Rec out: 0 dB*, 600 Ω , unbalanced, screw terminal
Frequency Response	50 Hz - 20 kHz
Signal to Noise Ratio	Over 70 dB
Distortion	Under 1 % at 1 kHz, 1/3 rated power
Indicators	Power, Signal, Peak
Tone Control	Bass: ± 10 dB at 100 Hz Treble: ± 10 dB at 10 kHz
Operating Temperature	0 °C to +40 °C
Ventilation	Fan Cooling
Control	Remote power control, screw terminal Remote master volume bypass, screw terminal
Finish	Panel: ABS resin, black Case: Steel plate, black
Dimensions	420 (W) \times 100.9 (H) \times 351.3 (D) mm (16.54" \times 3.97" \times 13.83")
Weight	5.2 kg (11.46 lb)

Product rear image



Dimensions

■ APPEARANCE



UNIT :mm SCALE :1/4

A&E specifications

The amplifier is a 480W high performance yet cost-effective digital booster amplifier. The front panel shall include a Power On/Off switch, Power indicator, Signal shall be green and Peak indicator shall be red LED. The front panel shall include Tone and Master control. The bass/treble tone controls shall be 100 and 10k Hz, +/- 10 dB. There is a master through volume to bypass the master volume and a remote power switch to control external equipment.

Frequency response: 50 to 20k Hz (+/- 3 dB). THD: <1% at 1k Hz at rated output. The line inputs shall be electronically balanced 0 dB, 10K ohm input impedance, the loop out balanced 0 dB, 10K ohm. The amplifier shall accept a 100V line in (40db, 30K ohm). The mixer power amplifier shall include a selectable output of 100V line out (21Ω) or 4 ohm (22V) outputs.

The mixer power amplifier shall be capable of operation from a 100 - 240 VAC, 50/60 Hz or 24V DC. Power consumption at rated output shall be 99 W. Operating temperature is 0 °C to +40 °C.

Dimensions (W x H x D) shall be 420 x 100.9 x 351.3 mm. Net weight shall be 5.2 kg.

The front panel finish and material shall be Black, ABS finish and case shall be black steel plate. The mixer power amplifier shall be desktop standard.

The digital booster amplifier shall be TOA model P-3248D-AS.