

## P-3248D-AS

### DIGITAL BOOSTER AMPLIFIER



P-3248D 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

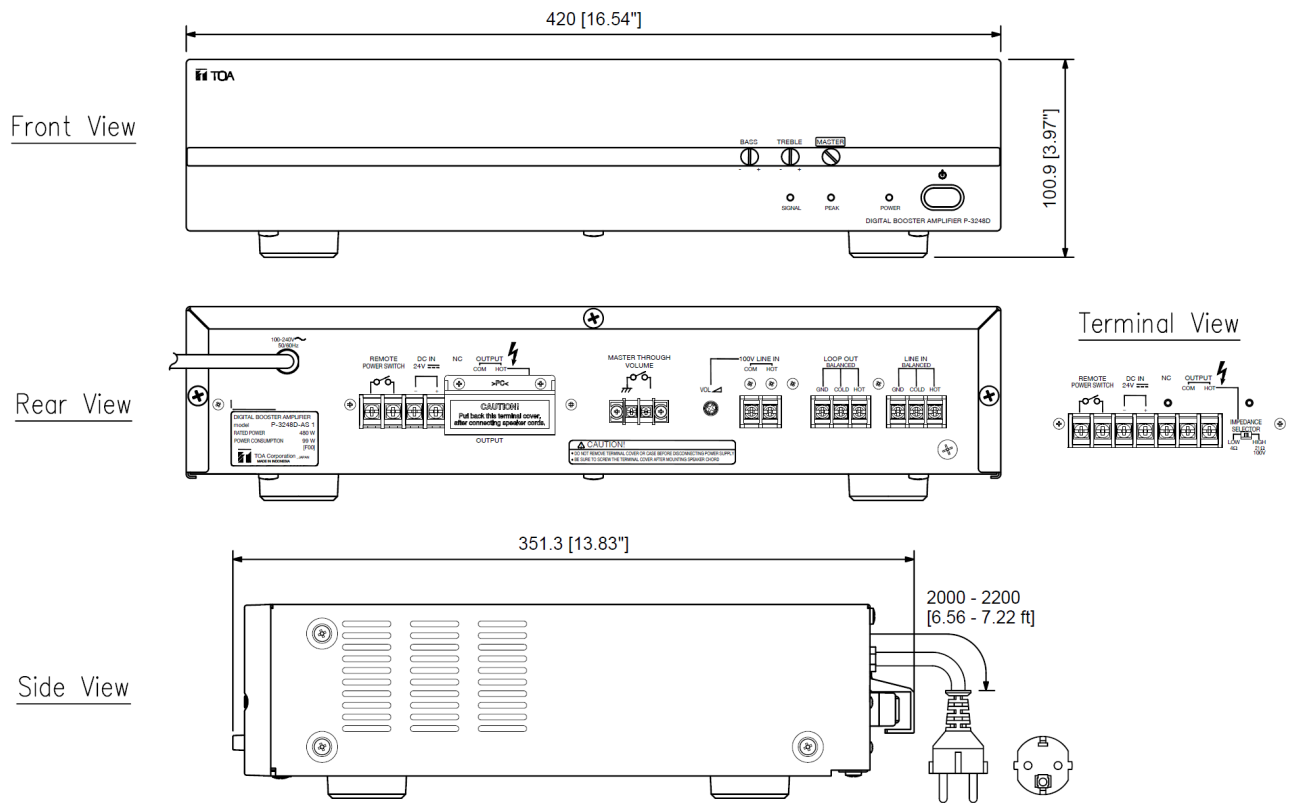
\*0 dB = 1 V

|                       |                                                                                                                                                                                |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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)                                                                                                                         |
| Input                 | Line In: 0 dB*, 10 k $\Omega$ , balanced, screw terminal<br>100 V Line In: 40 dB*, 30 k $\Omega$ , unbalanced, screw terminal                                                  |
| Rated Output          | 480 W                                                                                                                                                                          |
| Output                | Speaker out: Speaker Output in screw type terminal<br>Direct line (selectable): 21 $\Omega$ (100 V) or 4 $\Omega$<br>Rec out: 0 dB*, 600 $\Omega$ , unbalanced, screw terminal |
| Frequency Response    | 50 - 20 kHz                                                                                                                                                                    |
| Distortion            | Under 1% at 1 kHz, 1/3 rated power                                                                                                                                             |
| Signal to Noise Ratio | Over 70 dB                                                                                                                                                                     |
| Tone Control          | Bass: $\pm 10$ dB at 100 Hz<br>Treble: $\pm 10$ dB at 10 kHz                                                                                                                   |
| Control               | Remote power control, screw terminal<br>Remote master volume bypass, screw terminal                                                                                            |
| Indicators            | Power, Signal, Peak                                                                                                                                                            |
| Ventilation           | Fan Cooling                                                                                                                                                                    |
| Operating Temperature | 0 °C to +40 °C                                                                                                                                                                 |
| Finish                | Panel: ABS resin, black<br>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



UNIT : mm

## 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.