A-3248D-AS 1

DIGITAL MIXER AMPLIFIER



A-3248D is a high performance yet cost-effective mixer power amplifier suited for broadcasting, paging, or background music in schools, offices, shops, houses of worship and large ballrooms.

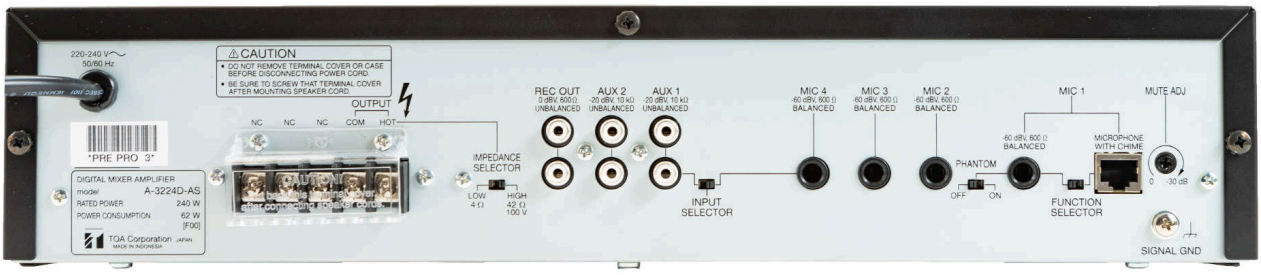
Key features

- High performance yet cost-effective mixer power amplifier
- 5 mixing inputs - 3 electronically balanced inputs for microphone, 1 selectable input from MIC 4 or AUX 1 and 1 unbalanced input for AUX
- Phantom power provided to MIC 1
- Priority function - MIC 1 mutes other inputs by 0 to 30 dB (adjustable)
- 100V line or 4 Ω speaker outputs
- Recording output
- Wide tone-control adjustment range of ±10 dB for both bass and treble
- Fan cooling system to prevent over-heating

Specifications

Power Source	100 - 240 V AC, 50/60Hz
Rated Output	480 W
Power Consumption	99 W (AC operation at 1/8 maximum output without clip)
Frequency Response	50 - 20,000 Hz
Total Harmonic Distortion	Under 1% at 1 kHz, 1/3 rated power
Input	MIC 1: 1 mV (-60 dB*), 600 Ω, balanced, phone jack, selectable to RJ45MIC 2-3: 1 mV (-60 dB*), 600 Ω, balanced, phone jackMIC 4: 1 mV (-60 dB*) 600 Ω, balanced, phone jack, selectable to AUX 1AUX 1: 100 mV (-20 dB*), 10 kΩ, unbalanced, RCA pin jack, selectable to MIC 4AUX 2: 100 mV (-20 dB*), 10 kΩ, unbalanced, RCA pin jack
Output	Speaker out: Speaker Output in screw type terminalDirect line (selectable): 21 Ω (100 V) or 4 ΩRec out: 0 dB*, 600 Ω, unbalanced, RCA pin jack
Tone Control	Bass: ±10 dB at 100 HzTreble: ±10 dB at 10 kHz
Signal to Noise Ratio	Over 60 dB
Phantom Power	DC +21 V (MIC 1)
Muting	MIC 1: Mutes other input signals by 0-30 dB attenuation
Indicator	Power, Signal , Peak, Protect
Ventilation	Fan Cooling
Finish	Panel: ABS resin, blackCase: Steel plate, black
Dimensions	420 (W) × 100.9 (H) × 357 (D) mm
Weight	5.0 kg

Product rear image

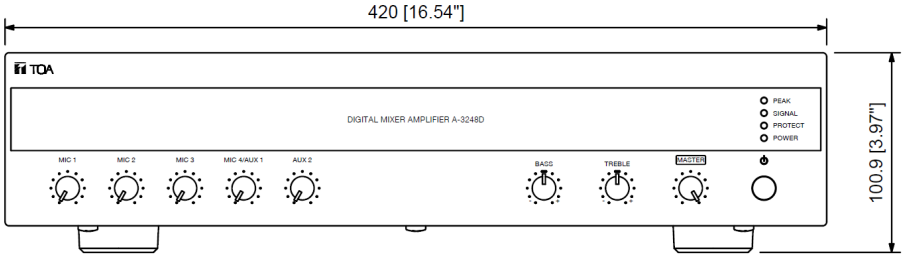


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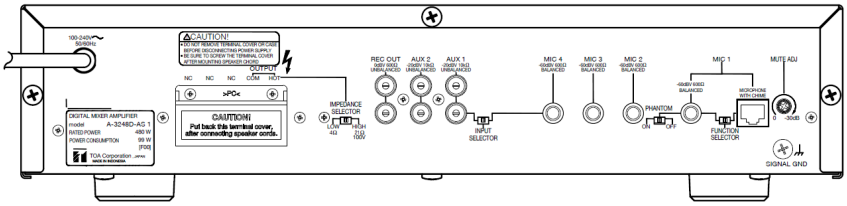
Dimensions

■APPEARANCE

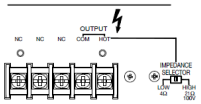
Front View



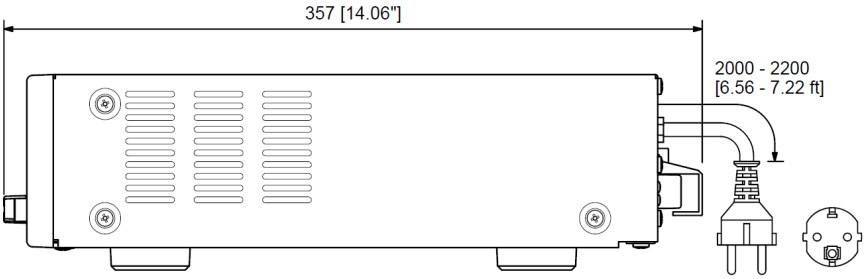
Rear View



Terminal View



Side View



UNIT : mm

A&E specifications

The digital mixer amplifier is a 240W high durability, high reliability and high performance. There are 5 mixing inputs, 3 balanced microphone inputs with phone jack and 2 inputs with RCA. Microphone 1 have a separately switchable to switch between phone or RJ45 input whereby an EC-380 chime microphone can be connected using a cat5 cable. The mute function and phantom power whereof mic 1 inputs can be turned on or off. Microphone 4 or Aux 1 come with a selectable input and up to 4 microphones can be connect to the amplifier

Specifications shall follow:

The front panel shall include a Power On/Off switch, Power indicator, Signal shall be green and Protect and Peak indicator shall be red LED. The front panel shall include individual Microphone, Auxiliary, and Tone. The bass/treble tone controls shall be 100 and 10k Hz, +/- 10 dB. The tone controls shall not affect the Record output. A Master Volume knobs shall control the main volume. Frequency response: 50 to 20k Hz (+/- 3 dB). THD: <1% at 1k Hz at rated output. The MIC inputs shall be electronically balanced -60 dB, 600 ohm input impedance, and switchable 21 VDC phantom power (MIC1). The AUX inputs shall be unbalanced, -10 dBV, 10k ohm input impedance with stereo-summing dual-RCA pin jacks. The record out is 0dB, 600Ω shall be unbalanced RCA pin jacks. The mixer power amplifier shall include a selectable output of 100V line out (42Ω) or 4 ohm (22V) outputs. The mixer power amplifier shall be capable of operation from a 100 - 240 VAC, 50/60 Hz. Power consumption at rated output shall be 62 W. Operating temperature is 0 °C to +40 °C. Dimensions (W x H x D) shall be 420 x 100.9 x 357 mm. Net weight shall be 4.9 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 mixer amplifier shall be TOA model A-3224D-AS.