

## A-3248DM-AS 1

### DIGITAL MIXER AMPLIFIER



A-3248DM is a high performance yet cost-effective mixer power amplifier equipped with MP3 and Bluetooth function. Ideal for broadcasting, paging, or background music in schools, offices, shops, houses of worship and large ballrooms.

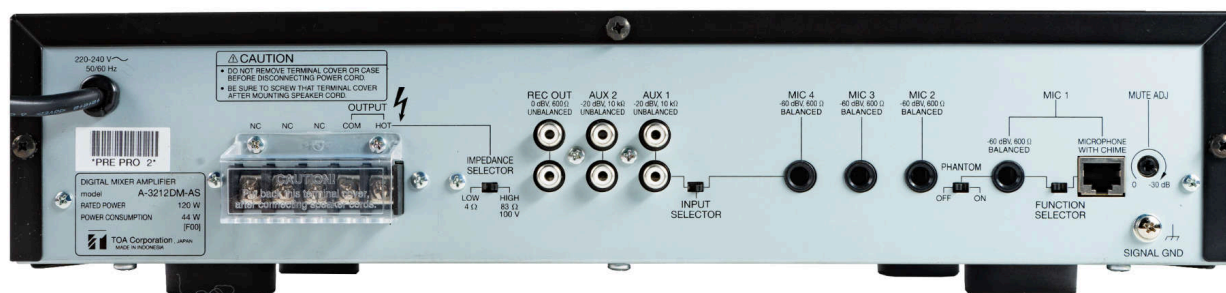
### Key features

- 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  $\Omega$  speaker outputs
- Recording output
- Wide tone-control adjustment range of  $\pm 10$  dB for both bass and treble
- Fan cooling system to prevent over-heating
- Equipped with FM radio tuner
- Incorporated MP3 player supports playback of digital audio from USB memory, SD/MMC card and bluetooth device

## 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 RJ45 MIC 2-3: 1 mV (-60 dB*), 600 Ω, balanced, phone jack, selectable to AUX MIC 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 MP3: LED Display, Support USB, SD/MMC card (up to 32GB), Bluetooth, Radio FM, Record
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, RCA pin jack
Tone Control	Bass: ±10 dB at 100 Hz Treble: ±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, black Case: Steel plate, black
Dimensions	420 (W) × 100.9 (H) × 357 (D) mm
Weight	5.0 kg

## Product rear image





## A&E specifications

The digital mixer amplifier is a 480W 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. This amplifier also equipped with MP3, FM radio and Bluetooth function.

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. The front panel shall include a MP3 player whereby playback via USB/SD card/Bluetooth with a volume control.

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 (21Ω) 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 99 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 5.0 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-3248DM-AS.