TOA

A-3240DM-AM

240 W Mixer Amplifier





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Powering Paging & Playback

The A-3240DM is a powerful all-in-one mixer amplifier designed for reliable paging, background music, and priority announcements in professional installed-sound environments. Delivering 240 watts of clear, consistent output, it combines versatile microphone and line mixing with a built-in Bluetooth®, USB, and FM media player, eliminating the need for external audio sources. With intelligent priority and muting functions, intuitive front-panel controls, and support for both low-impedance and 70V/100V speaker systems.

Combining amplification, audio mixing, and media playback into a single, streamlined solution, the A-3240DM provides robust priority handling, versatile inputs, and modern playback options. It is ideal for installed audio and public address systems that demand clarity, reliability, and ease of use—without the need for external players or complex system design.

Product Highlights:

- 240 W rated output delivers clear, consistent sound across large or distributed speaker systems
- Supports 4 Ω low-impedance speakers or 70 V / 100 V line speaker systems
- Bluetooth® 5.3 streaming for wireless audio playback
- USB audio playback (MP3, WAV, WMA, FLAC) up to 32 GB
- Built-in FM tuner with automatic and manual station tuning
- Front-panel LCD display shows playback status, track info, and sources
- 4 Mic/Line inputs for maximum flexibility
- Dedicated AUX input for external music sources
- Emergency Priority input overrides all other audio sources
- Channel 1 priority function automatically reduces Individual channel level controls
- Bass and Treble tone controls for room tuning
- Master volume control for overall system level background audio when paging
- 1U, 19-inch rack-mountable chassis





Use Cases

- School Gymnasiums & Auditoriums
- Retail Stores & Shopping Spaces
- Office Buildings & Commercial Facilities
- Fitness Studios
- Restaurants, Cafés, Hospitality
- Houses of Worship
- Public & Institutional Buildings

Specifications:

	A-3240DM-AM
Power Source	100 - 240 V AC, 50/60 Hz
Rated Output	240 W
Power Consumption	300 W
Frequency Response	80 - 16,000 Hz (±3 dB)
Distortion	< 1%
Input	MIC: 1-4 -40 dB(*1), 2.2 kΩ, electronically-balanced, combined type of XLR-3-31 equivalent and phone jack LINE: 1-4 -40 dB(*1), 3.3 kΩ, electronically-balanced, combined type of XLR-3-31 and phone jack AUX: -10 dB(*1), 10 kΩ, unbalanced, RCA pin jack PRIORITY -3 dB(*1), 100 kΩ, electronically-balanced, Removable terminal block (3 pins) Bluetooth: Ver. 5.3, Max. 25m USB: Audio formats: MP3, WAV, WMA, FLAC, Format: FAT16, FAT32, Max. 32GB FM: 87.5 MHz - 108 MHz, automatic/manual search for channels
Output	LINE: -2 dB(*1), 4.2 kΩ, balanced, Removable terminal block (3 pins) SPEAKER OUT: High impedance (100 V line/ 42 Ω, 70 V line/21 Ω), Removable terminal block, Low impedance (4 Ω), Removable terminal block (Both Low and High impedance terminals cannot be used at the same time.)
Tone Control	Bass: ±10 dB at 100 Hz, Treble ±10 dB at 10 kHz
Signal to Noise Ratio	88 dB or more (Master volume: min) 82 dB or more (Master volume: max) 78 dB or more (MIC 1 - MIC 4) 82 dB or more (LINE 1 - LINE 4) 82 dB or more (AUX)
Phantom Power	ON or OFF for each MIC 1 - 4 with switch setting (+ 18 V DC)
Control Input	MUTE: No-voltage make contact input. open voltage: 18 V DC, short-circuit: 30 mA or less, Removable terminal block (2 pins)
Indicator	Signal(green), Peak(red), Protect(red), Power(blue)
Priority	Priority: Overrides other inputs, ON/OFF selectable with MUTE control input terminal setting CH 1 Priority: Overrides other inputs except 'Priority', Adjust the priority sensitivity via the CH1 priority volume
Cool method	Forced air cooling
Operating Temperature	0°C to +40°C (32°F to 104°F)
Operating Humidity	Under 90% RH (no condensation)
Finish	Panel: aluminum, black, alumite Case: plated steel sheet
Dimensions	433 (W) X 44 (H) X 290 (D) mm (17" X 1.7" X 11.5")
Weight	5.6 kg (12.35 lbs)
Included Accessories	Power cord (1.8 m) x1, Fuse (T2.5AL AC250V) x2, Antenna x1, Removable terminal plug (5 pins) x1, Removable terminal plug (3 pins) x2, Removable terminal plug (2 pins) x1, Rack mounting bracket x2, Bracket mounting screw x4, Rubber foot pad x4

TOA

We supply sound, not equipment



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