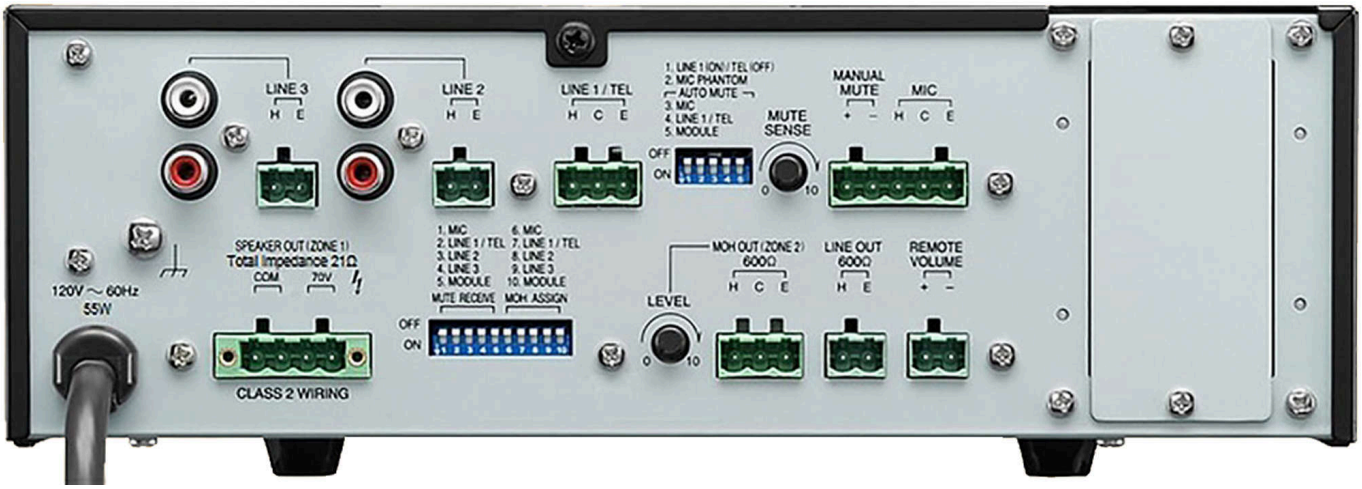
BG-2240D-AM

MIXER AMPLIFIER

The BG-2240D (240W) is 5-input mixer amplifiers designed for background music distribution and general announcements in commercial spaces such as bars/ restaurants, retail stores and hospitality facilities. They are each equipped with an MOH output that permits two independent zones when used in conjunction with an optional external power amplifier with a line level analog audio input. It uses D-class amplifiers which are lighter, more efficient and cooler running than conventional amplifier and have the same basic feature set as analog BG-2000 models, including: Dual balanced priority mic/ line inputs, dual unbalanced line inputs, assignable 2nd zone/MOH output, front panel bass and treble controls, remote volume control port, assignable mute function and a 900 series input module slot (output modules not compatible).

Key features

Specifications

Power Source	120 V AC, 60 Hz
Rated Output	240 W
Power Consumption	300 W (rated output), 55 W (based on cULus standards)
Frequency Response	50 Hz – 20k Hz
Total Harmonic Distortion	0.8% or less, at 1 kHz, 1/3 rated output, LPF 20KHz
Input	Mic: –60dB*, 600Ω, electronically balanced, removable terminal blockLine 1: –10 dB*/TEL: –20 dB*Line 1/TEL: selectable, 10kΩ, electronically balanced, removable terminal blockLine 2, 3: –10 dB*, 10 kΩ, unbalanced, removable terminal block or RCA jackModule
Output	Speaker: 70 V (21Ω) balanced, removable terminal blockMOH: 0 dB*, 600 Ω, balanced, removable terminal blockLine: 0 dB*, 600 Ω, unbalanced, removable terminal block
Tone Control	Bass: ±10 dB at 100 Hz, Treble: ±10 dB at 10k Hz
Signal to Noise Ratio	Mic: 60 dB or more, Line 1/TEL, Line 2, 3, Module: 73 dB or more (A-weighted, Tone Controls: Centered)
Phantom Power	On/Off switch for Mic,+24V DC
Muting	Manual mute/Automatic mute
Control	Mic gain control, Line 1/TEL gain control, Line 2 gain control, Line 3 gain control, Module: gain control, Bass tone control, Treble tone control,MOH out gain control, Mute control (Manual mute), Remote volume control, Mute sense control, Line 1/TEL selector switch, Phantom power switch (Mic), Auto mute switch (Mic, Line 1/TEL, Module), Mute receive switch (Mic, Line 1/TEL, Line 2, 3, Module), MOH assign switch (Mic, Line 1/TEL, Line 2, 3, Module), Power ON/OFF switch
LED Indicator	Power LED, Signal level LED, Peak LED
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
Operating Humidity	35% to 80% RH (no condensation)
Finish	Panel: ABS resin, blackCase: Steel plate, black, paint
Dimensions	264 (W) × 94.3 (H) × 267.3 (D) mm (10.39" × 3.71" × 10.52")
Weight	3.5 kg (7.72 lb)
Included Accessories	Volume control cover: YA-920 × 5, Removable terminal plug (2 pins) × 4, Removable terminal plug (3 pins) × 2, Removable terminal plug (4 pins) × 1, Removable terminal plug (5 pins) × 1
Optional Accessories	Rack mounting brackets: MB-1000

Product rear image