



BG-2240D

Mixer Amplifier



A new standard of excellence for BGM applications.

Features

- 240W output @ 70V
- Dual balanced priority mic/line inputs
- Dual unbalanced line inputs for BGM sources
- Assignable 2nd zone/MOH output
- Front panel bass & treble controls
- Remote volume control port
- Assignable mute function
- Module slot accepts optional 900 Series plug-in modules for custom system configurations



*0dB = 1V

Specifications

		BG-2240D
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 block Line 1: -10 dB*/TEL: -20 dB* Line 1/TEL: selectable, 10kΩ, electronically balanced, removable terminal block Line 2, 3: -10 dB*, 10 kΩ, unbalanced, removable terminal block or RCA jack Module
Output	Speaker	70 V (21Ω) balanced, removable terminal block
	MOH	0 dB*, 600 Ω, balanced, removable terminal block
	Line	0 dB*, 600 Ω, unbalanced, removable terminal block
Output Regulation		2 dB or less, no load to full load (1k Hz)
Phantom Power		On/Off switch for Mic, +24V DC
S/N Ratio		Mic: 60 dB or more, Line 1/TEL, Line 2, 3, Module: 73 dB or more (A-weighted, Tone Controls: Centered)
Tone Control		Bass: ±10 dB at 100 Hz, Treble: ±10 dB at 10k Hz
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
Indicator		Power LED, Signal level LED, Peak LED
Operating Temperature		0 °C to 40 °C (32 °F to 104 °F)
Finish		Panel: ABS resin, black; Case: 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)
Accessory		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
Option		Rack mounting bracket: MB-1000