**DESCRIPTION**

The BG-2240D is a 240W 5-input mixer amplifier for background music and general announcement. It is suited for use in bars, retail stores, and banquet rooms, and is equipped with the MOH OUT that permits 2-channel broadcast when used in conjunction with the optional booster amplifier BA-235 (35W) or BA-260 (60W).

**SPECIFICATIONS**

- **Power source**: 120V AC, 60Hz
- **Rated Output**: 240W
- **Power Consumption**: 300W (rated output), 55W (based on cULus standards)
- **Frequency Response**: 50Hz—20kHz (LINE)
- **Total Harmonic Distortion**: 0.8% or less at 1kHz, 1/3 rated output, LPF 20kHz

**Input**

- Mic: -60dB*, 600Ω, electronically balanced, removable terminal block
- Line 1: -10dB*/TEL: -20 dB*
- Line 1/TEL selectable, 10kΩ, electronically balanced, removable terminal block
- Line 2, 3: -10dB*, 10kΩ, unbalanced, removable terminal block and RCA jacks
- Module

**Output**

- Speaker: 70V(21Ω), balanced, removable terminal block
- MOH: 0dB*, 600Ω, balanced, removable terminal block
- Line: 0dB*, 600Ω, unbalanced, removable terminal block

**Output Regulation**

- 2dB or less, no load to full load (1kHz)
- Phantom Power: On/Off switch for Mic, +24V DC
- S/N Ratio: Mic: 60 dB or more, Line 1/TEL, Line 2, 3, Module: 73dB or more (A-weighted, Tone Controls: Centered)
- Muting: Manual mute/Automatic mute
- Tone Control: Bass: ±10dB at 100Hz, Treble: ±10dB at 10kHz
- 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 output 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)

**Operating Humidity**

- 35% to 80%RH (no condensation)

**Dimensions**

- Panel: ABS resin, black
- Case: Steel plate, black, paint
- 264(W) x 94.3(H) x 267.3(D) mm (10.39” x 3.71” x 10.52”)
- Weight: 3.5kg (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