



BG-2480D-AM

Mixer Amplifier



A more powerful standard for BGM applications

Leading BGM Mixer Amplifier,



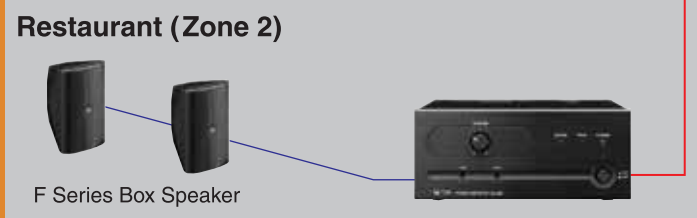
The BG-2480D is a 5-input mixer amplifier designed for background music distribution and general announcements in commercial spaces . It is equipped with an MOH output that permits 2 independent zones when used in conjunction with an optional power amplifier equipped with a line level analog audio input.

Applications

Best choice for installations in restaurants, retail, stores, fast food outlets, bars, lounges, cafe's, classrooms, meeting rooms and similar mid sized locations

now with more power.

The BG series is tailored to work in conjunction with our BA series for a high performance, reliable and affordable option.



BA-235/260

- Targets simple BGM applications using a single audio source without paging or MOH requirements.
- Remote master volume control.
- RCA pin jack line input.

BG/BA Series Common Features

- Thermal protection circuits shut down to protect system should overheating occur.
- Accessory security knobs for volume control prevent unauthorized volume setting changes.
- Rack-mount kit options.
- UL/cUL listed.
- Five Year Warranty.

BG-2480D-AM Features

- Lightweight and compact digital amplifier with high-efficiency amplifier output. Amplifier output: 480W @ 4Ω, 70V, 100V.
- Automatic or manual mute function.
- Easy DIP switch settings;
 - MOH (secondary) output assignment for each input
 - Mute setting
 - LINE 1/TEL level setting
 - Phantom power ON/OFF setting
- Bass and treble equalization controls on the front panel.
- Removable input/output terminal blocks for easy wiring.
- RCA jacks provided for Line 2 and 3 inputs for quick connection.
- External remote volume control input for localized volume adjustments.
- Accessory security covers for front volume control knobs to prevent accidental adjustments.

SPECIFICATIONS

*0dB = 1V

		BG-2480D-AM
Power Source		120 V AC, 60 Hz
Rated Output		480 W
Power Consumption		600W (rated output), 110W (based on UL 60065 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	Lo-z(4Ω), 70V(10.5Ω),100V(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: Over 60dB , Line 1/ TEL, Line 2, 3, Module: Over 80dB, 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 (screw 2 pins) × 1 Removable terminal plug (5 pins) × 1
Option		Rack mounting brackets: MB-1000



TOA Canada Corporation

Tel: 1-800-263-7369

Fax: 1-800-463-3569

sales@toacanada.com • www.TOAcanda.com