

BG-2120 CU

MIXER AMPLIFIER



The BG-2035 (35 W), BG-2060 (60 W), and BG-2120 (120 W) are 5-input mixer amplifiers for background music and general announcement. These units are suited for use in bars, retail stores, and banquet rooms, and are equipped with the MOH output that permits 2-channel broadcast when used in conjunction with the optional booster amplifier BA-235 (35 W) or BA-260 (60 W).

Key features

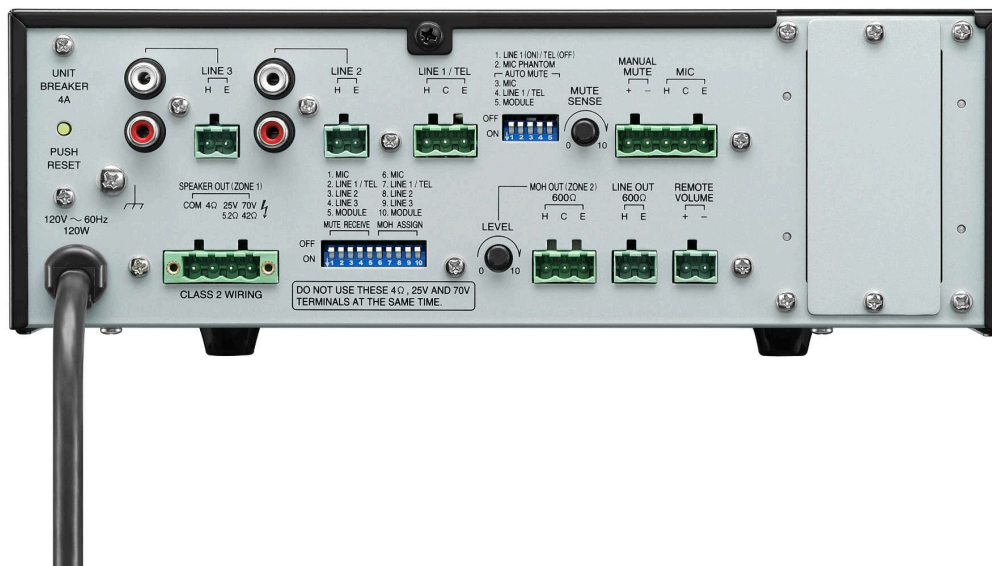
- Each input freely assignable to the MOH output.
- Automatic or manual mute function.
- Easy setting of each function with the rear-mounted DIP switches. (Each input to MOH output assignment settings, Mute settings, LINE 1/TEL level settings, and Phantom power ON/OFF setting)
- Supplied volume control covers prevent accidental operation of input knobs.
- Front operable bass and treble controls. Also front panel recessed knobs help to prevent accidental operation.
- Removable input/output terminal blocks facilitate installation and maintenance. Besides, RCA jacks provided for Lines 2 and 3.
- External remote volume control for speaker output level adjustment.

Specifications

* 0 dB = 1 V

Power Source	120 V AC, 60 Hz
Rated Output	120 W
Power Consumption	265 W (rated output), 120 W (based on cULus standards)
Frequency Response	50 Hz - 20 kHz
Total Harmonic Distortion	0.5 % or less, at 1 kHz, rated output
Signal to Noise Ratio	Mic: 60 dB or more, Line 1/TEL, Line 2, 3, Module: 75 dB or more (Band Pass: 20 Hz - 20 kHz, Tone Controls: Centered)
Input	Mic: -60 dB*, 600 Ω , electronically balanced, removable terminal block Line 1: -10 dB*/ TEL: -20 dB* Line 1/TEL selectable, 10 k Ω , electronically balanced, removable terminal block Line 2, 3: -10 dB*, 10 k Ω , unbalanced, removable terminal block and RCA jacks Module
Output	Speaker: 4 Ω , 25 V (5.2 Ω), 70 V (42 Ω), 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 (1 kHz)
Phantom Power	On/Off switch for Mic, +24 V DC
Tone Control	Bass: ± 10 dB at 100 Hz, Treble: ± 10 dB at 10 kHz
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)
Operating Humidity	35 % to 80 %RH (no condensation)
Finish	Panel: ABS resin, black Case: Steel plate, black, paint
Dimensions	264 (W) x 94.3 (H) x 267.3 (D) mm (10.39 x 3.71" x 10.52")
Weight	6 kg (13.23 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 bracket: MB-1000

Product rear image



Dimensions

