TOA

MIXER AMPLIFIER

BG-2120(CU)

■DESCRIPTION

The BG-2120 is a 120 W 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 (35 W) or BA-260 (60 W).

■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
Input	Mic: −60 dB*, 600 Ω, electronically balanced, removable terminal block Line 1: −10 dB*/ TEL: −20 dB* Line 1/TEL selectable, 10 kΩ, electronically balanced, removable terminal block Line 2, 3: −10 dB*, 10 kΩ, 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
S/N 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)
Muting	Manual mute/Automatic mute
Tone Control	Bass: ±10 dB at 100 Hz, Treble: ±10 dB at 10 kHz
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)
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

■APPEARANCE

Rear View

Front View

Side View

UNIT:mm   SCALE:1/4

TOA Corporation

DWG No: GBG00BA1-2