MIXER AMPLIFIER

BG-220(CU)

■DESCRIPTION

The BG-220 is a 20 W three-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 20 W Power Consumption 60 W (rated output), 36 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. Cline 1 selectable, 600 Ω, electronically balanced, removable terminal block Line 2, 3: -10 dB*, 10 kΩ, unbalanced, removable terminal block or RCA jack Output Speaker: 4 Ω, 25 V (31 Ω) and 70 V (245 Ω), balanced, removable terminal block MOH: 0 dB*, 600 Ω, balanced, removable terminal block Line: 0 dB*, 600 Ω, balanced, removable terminal block Line: 0 dB*, 600 Ω, unbalanced, removable terminal block Untput Regulation 2 dB or less, no load to full load (1 kHz) S/N Ratio Mic/Line 1: 60 dB or more, Line 2, 3: 80 dB or more (Band Poss: 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/Line 1 gain control, Line 2 gain control, Line 3 gain control, Mute control (Manual mute), Mute sense control, Auto mute switch (Mic/Line 1) Mic/Line 1 selector switch, Mute receive switch (Line 2, 3), MOH assign switch (Mic/Line 1, Line 2, 3), Power ON/OFF switch Indicator Power LED, Signal LED, Peak LED Operating temperature <td< th=""><th>- 31 LOTI 10/1110113</th><th>* U UB — I V</th></td<>	- 31 LOTI 10/1110113	* U UB — I V
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Frequency Response	Rated Output	
Total Harmonic Distortion 0.5 % or less, at 1 kHz, rated output	Power Consumption	
Input	Frequency Response	50 Hz - 20 kHz
Mic/Line 1 selectable, 600 Ω, electronically balanced, removable terminal block Line 2, 3: -10 dB*, 10 kΩ, unbalanced, removable terminal block or RCA jack Output Speaker: 4 Ω, 25 V (31 Ω) and 70 V (245 Ω), balanced, removable terminal block MOH: 0 dB*, 600 Ω, balanced, removable terminal block Line: 0 dB*, 600 Ω, unbalanced, 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) S/N Ratio Mic/Line 1: 60 dB or more, Line 2, 3: 80 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/Line 1 gain control, Line 2 gain control, Line 3 gain control, Bass tone control, Treble tone control, MOH out gain control, Mute control (Manual mute), Mute sense control, Auto mute switch (Mic/Line 1) Mic/Line 1 selector switch, Mute receive switch (Line 2, 3), MOH assign switch (Mic/Line 1, Line 2, 3), Power ON/OFF switch Indicator Power LED, Signal LED, Peak LED Operating temperature 0 °C to +35 °C (32 °F to 95 °F) Operating Humidity 35 % to 80 %RH (no condensation) Finish Panel: ABS resin, black Case: Steel plate, black, paint Dimensions 210 (W) × 94.3 (H) × 265 (D) mm (8.27" × 3.71" × 10.43") Weight 3.5 kg (7.72 lb) Accessory Volume control cover: YA-920-3 Removable terminal plug (2 pins)1, Removable terminal plug (5 pins)1	Total Harmonic Distortion	0.5 % or less, at 1 kHz, rated output
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Removable terminal plug (2 pins)3, Removable terminal plug (3 pins)1 Removable terminal plug (4 pins)1, Removable terminal plug (5 pins)1	Weight	
Removable terminal plug (4 pins)…1, Removable terminal plug (5 pins)…1	Accessory	
Removable terminal plug (4 pins)1, Removable terminal plug (5 pins)1 Option		Removable terminal plug (2 pins)3, Removable terminal plug (3 pins)1
Option Rack mounting bracket: MB—25B—BK, MB—25B—J		Removable terminal plug (4 pins)1, Removable terminal plug (5 pins)1
	Option	Rack mounting bracket: MB—25B—BK, MB—25B—J

■ APPEARANCE



