

MIXER AMPLIFIER

GGM PAM1120E5 / GGM PAM1240E5 / GGM PAM1350E5



The basic public address mixer amplifiers have power ratings from, 120 W, 240 W, 350 W. They are featured of 3 balanced microphone inputs, 2 aux inputs and 1 EMC input. Priority muting is achieved via EMC for overriding other inputs except Mic1 on front panel. Individual gain controls are provided for Mic 1-3 and Aux 1-2, bass and treble controls and master volume control are provided for overall tone control. 70 V, 100 V and low impedance 4-16 Ω speaker outputs are provided. Extensive protection from short-circuit, overload and high temp.

MAIN FEATURES

- Mixer amplifier for paging and background music system
- Rated power from 60 W, 120 W, 240 W, 350 W
- 2U rack mount (less than 350 W) and 3U rack mount design
- 70 V, 100 V and low impedance 4-16 Ω speaker output
- Three balanced Mic input
- Mic 1(phone jack) with VOX priority and VOX level on front panel
- Mic 2-3 by XLR type on rear panel with phantom power
- Two Aux Inputs and 2 line inputs for spare use
- One EMC priority input
- EMC has priority over all inputs except MIC1
- Mic 1-3, Aux 1-2 and master volume controls and bass/treble tone control
- Short circuit, overload and high temp protection

PART NUMBER	GGM PAM1120E5	GGM PAM1240E5	GGM PAM1350E5
Rated power output	120 W	240 W	350 W
Speaker outputs	70V, 100V & 4~16 Ω		
Input sensitivity & impedance	MIC 1, 2, 3: 5 mV / 600 Ω , unbalanced phone jack input MIC 2, 3: 2,5 mV / 2 k Ω , balanced XLR input MIC 2, 3: 775 mV / 10 k Ω , unbalanced RCA input AUX 1, 2: 350 mV / 10 k Ω , unbalanced RCA input EMC: 775 mV / 10 k Ω , unbalanced RCA input		
Output sensitivity & impedance	MIX OUT: 1 V / 470 Ω , unbalanced RCA output		
Tone	Bass: 10 dB at 100 Hz Treble: 10 dB at 10 KHz		
Frequency response	50 Hz ~ 16 kHz (+1 dB, -3 dB)		
S/N ratio	MIC 1, 2, 3: 66 dB, AUX 1, 2: 80 dB		
THD	Less than 0.5 % at 1 kHz, 1/3 rated power		
Muting function	MIC 1 overrides other input signals with 0-30 dB attenuation		
Gain control	$\pm 2,5$ mV ~ ± 75 mV at 30 dB		
Crosstalk	< 50 dB		
Phantom power	48 V, with LED indicator		
Cooling	Fan automatically startup when temp reaches 55 °C		
Protection	High temp, overload & short-circuit		
Power supply	~110 V / 60 Hz or ~230 V / 50 Hz or DC 24 V		
Power consumption	200 W	400 W	500 W
Weight	9,5 kg	16,8 kg	18,7 kg
Dimension	484x335x88 mm		484x385x132 mm
Finish	Panel: aluminum plate, black Case: steel plate, black		

- Jack cord 6,35 / XLR male
- RCA / RCA cord
- Cable 2x1,5 mm²

