

eHMA120

MIXING AMPLIFIER

Powered mixer



PRODUCT OVERVIEW

ECLER ESSENTIALS eHMA120 is a self-powered audio mixer including three MIC/LINE ST inputs, one LINE ST input and one mono output. Supports both low (4 Ω) and high impedance (70V, 100V) loudspeaker lines, with independent 2-ZONE ON/OFF switches (ZONE 1, ZONE 2). It also includes an audio priority system (voice messages, emergencies, etc.) available in 3 inputs, Pager and embedded Chime function (compatible with 1 zone paging microphones), 2 band tone control, auto stand-by mode, MUTE port and universal power supply unit, being compatible with external 24 VDC IN backup supply systems.

KEY FEATURES

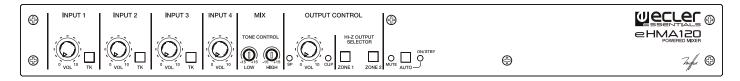
- 1 x 95W @ 4Ω
- 1 x 95W @ 70V / 100V
- 2 x ZONE ON/OFF selection switches
- 1 ST LINE input
- 3 MIC / LINE inputs, including Talkover function (priority)
- 1 Pager port, including embedded Chime tone
- 2-band EQ (BASS/TREBLE) for Mix Output
- 24VDC external power supply included, with external battery backup connector
- Auto Stand-by function
- 24VDC Phantom Power (external switch)
- MUTE port to remotely mute the unit from an external device, via dry contact closure
- · Rack mount kit included

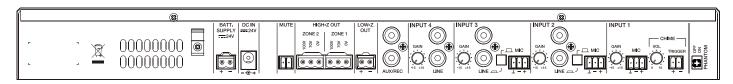
APPLICATIONS

- Retail stores, restaurants and bars
- BGM & Paging solutions, with message priorities and source/volume independent selection



MECHANICAL DIAGRAMS





TECHNICAL DATA

Note output		
100V output 55W @ 1000 11% THD 70Hz - 25kHz (-3dB) 70Hz -		
Frequency response (HPF at 70Hz)	•	•
THD+Noise @ 1kHz Full Power, Speaker Out, Line Channel crosstalk @ 1 kHz	•	•
Channel crosstalk @ 1 kHz		` '
Sensitivity Nominal impedance		
INPUT 2 LINE	Channel crosstalk @ 1 kHz	>65dB
INPUT 3 LINE		
INPUT 4 LINE 15dBV to + 15dBV / >10 kΩ 10 kΩ	INPUT 2 LINE	•
NPUT 1 MIC -20dBV to -50dBV / >1 kΩ	INPUT 3 LINE	-15dBV to + 15dBV / >10 k Ω
INPUT 2 MIC 20dBV to -50dBV / >1 kΩ 2	INPUT 4 LINE	-15dBV to + 15dBV $/$ >10 kΩ
CMRR	INPUT 1 MIC	-20dBV to -50dBV $/$ >1 k Ω
MIC (BAL) >65dB @ 1kHz	INPUT 2 MIC	-20dBV to -50dBV $/$ >1 k Ω
Tone control (LINE & MIC)	INPUT 3 MIC	-20dBV to -50dBV / >1 kΩ
Tone control (LINE & MIC) BASS 100Hz ±15dB 10kHz ±	CMRR	
Noise Ratio (Gain at center, low Z output) Signal Noise Ratio (Gain at center, low Z output) LINE	. ,	>65dB @ 1kHz
TREBLE 10 kHz ±15dB Signal Noise Ratio (Gain at center, low Z output) LINE >85 dB Talkover (INPUT 1, 2 & 3) Time Depth 2 sec. - 30 dB Phantom voltage Configuration Normally open (by dry contact) Supply AV Mains (using supplied DC adapter) 90-264VAC 47-63Hz Power consumption Pink noise, 1/8 power Pink noise, 1/3 power Pink noise, 1/3 power Standby mode (time 2 minutes) 47 VA / 26W Standby mode (time 2 minutes) 5W Dimensions		
Signal Noise Ratio (Gain at center, low Z output) LINE		
LINE		10kHz ±15dB
Talkover (INPUT 1, 2 & 3) Time 2 sec. Depth -30dB Phantom voltage +24VDC / 10mA max. Mute		
Time 2 sec. Depth 7 and B Phantom voltage +24VDC / 10mA max. Mute Configuration Normally open (by dry contact) Supply 24V Mains (using supplied DC adapter) 90-264VAC 47-63Hz Power consumption Pink noise, 1/8 power 47 VA / 26W Pink noise, 1/3 power 64 VA / 58W Standby mode (time 2 minutes) CSW Dimensions Panel WxDxH (knobs excluded) 435x120x44mm		
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,		
Weight 2.9kg	,	
	Weight	2.9kg