

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 ($4\ \Omega$) 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.

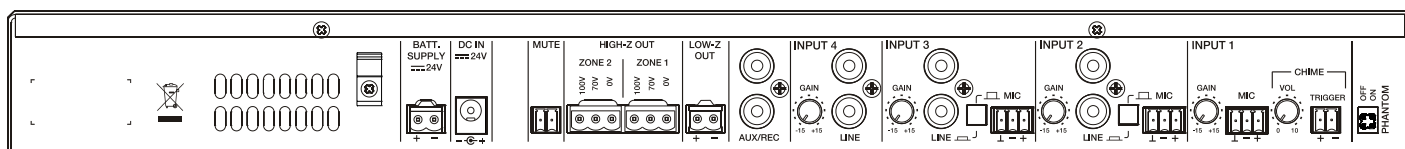
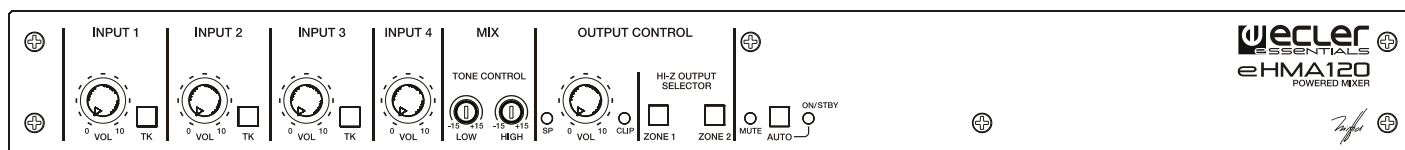
KEY FEATURES

- 1 x 95W @ $4\ \Omega$
- 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

Power output		
Low Z output	95W @ 4Ω 1% THD	
100V output	95W @ 100Ω 1% THD	
Frequency response (HPF at 70Hz)	70Hz - 25kHz (-3dB)	
THD+Noise @ 1kHz Full Power, Speaker Out, Line	<0.2%	
Channel crosstalk @ 1 kHz	>65dB	
Sensitivity / Nominal impedance		
INPUT 2 LINE	-15dBV to +15dBV / >10 kΩ	
INPUT 3 LINE	-15dBV to +15dBV / >10 kΩ	
INPUT 4 LINE	-15dBV to +15dBV / >10 kΩ	
INPUT 1 MIC	-20dBV to -50dBV / >1 kΩ	
INPUT 2 MIC	-20dBV to -50dBV / >1 kΩ	
INPUT 3 MIC	-20dBV to -50dBV / >1 kΩ	
CMRR		
MIC (BAL)	>65dB @ 1kHz	
Tone control (LINE & MIC)		
BASS	100Hz ±15dB	
TREBLE	10kHz ±15dB	
Signal Noise Ratio (Gain at center, low Z output)		
LINE	>85dB	
MIC (BAL)	>75dB	
Talkover (INPUT 1, 2 & 3)		
Time	2 sec.	
Depth	-30dB	
Phantom voltage		
	+24VDC / 10mA max.	
Mute		
Configuration	Normally open (by dry contact)	
Supply		
DC 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)	<5W	
Dimensions		
Panel WxDxH (knobs excluded)	435x120x44mm	
Weight	2.9kg	