

eHMA120

MIXING AMPLIFIER

Powered Mixer



PRODUCT OVERVIEW

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 @ 4 Ω
- 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

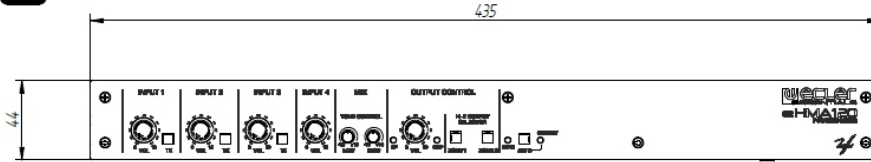
- Retail stores, restaurants and bars
- BGM & Paging solutions, with message priorities and source/volume independent selection

TECHNICAL SPECIFICATIONS
eHMA12 0

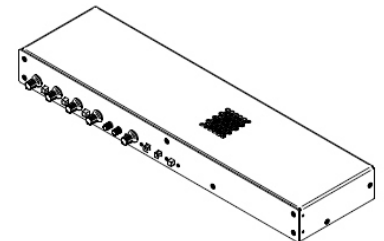
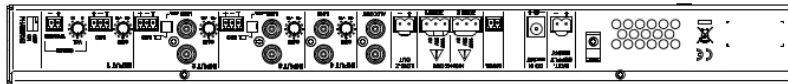
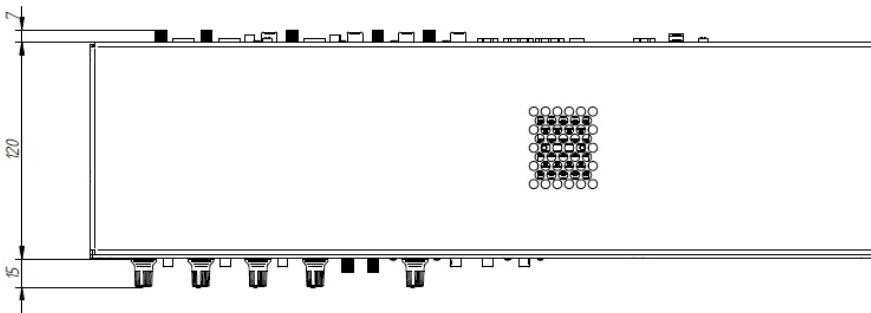
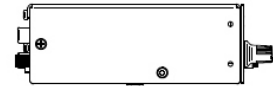
Power output		
Low Z output		95W @ 4 Ω 1% THD
100V output		95W @ 100 Ω 1% THD
Frequency response (HPF at 70Hz)		70Hz - 25kHz (-3dB)
THD+Noise @ 1kHz Full Power, Speaker Out, Line		<0.2%
Channel crosstalk @ 1 kHz		>65dB
Sensitivity / Nominal impedance		
INPUT 2 LINE		-15dBV to + 15dBV / >10 k Ω
INPUT 3 LINE		-15dBV to + 15dBV / >10 k Ω
INPUT 4 LINE		-15dBV to + 15dBV / >10 k Ω
INPUT 1 MIC		-20dBV to -50dBV / >1 k Ω
INPUT 2 MIC		-20dBV to -50dBV / >1 k Ω
INPUT 3 MIC		-20dBV to -50dBV / >1 k Ω
CMRR		
MIC (BAL)		>65dB @ 1kHz
Tone control (LINE & MIC)		
BASS		100Hz $\pm$ 15 dB
TREBLE		10kHz $\pm$ 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)		100-240VAC + External PSU 24VDC
Power consumption		
Pink noise, 1/8 power		47 VA / 26 W
Pink noise, 1/3 power		64 VA / 58 W
Standby mode (time 2 minutes)		<5W
Dimensions		
Panel (Wx HxD) (knobs excluded)		435 x 44 x 120 mm / 17.13 x 1.73 x 4.72 in
Weight		2.9kg / 6.39 lb
Shipping Dimensions (WxHxD)		320 x 70 x 580 mm / 12.6 x 2.76 x 22.83 in.
Shipping Weight		4.2 kg / 9.26 lb

MECHANICAL DIAGRAM

ecler



Ecler eHMA 120 Mechanical Diagram



61-1049-0100

www.ecler.com

All the measurements are in mm