

eHMA240

MIXING AMPLIFIER

Powered mixer



PRODUCT OVERVIEW

ECLER ESSENTIALS eHMA240 is a self-powered audio mixer including 2 MIC inputs, 2 MIC/LINE ST inputs, 2 LINE ST inputs and one AUX/REC output. Supports both low (4 Ω) and high impedance (70V, 100V) loudspeaker lines, with independent 4-ZONE ON/OFF switches (ZONE 1, ZONE 2, ZONE 3 and ZONE 4). It also includes an audio priority system (voice messages, emergencies, etc.) available in 4 inputs and embedded Chime function (compatible with 1 zone paging microphones), 2 band tone control, auto stand-by mode, MUTE port and Remote port (RJ45) for remote volume control, compatible with Ecler WPmVOL.

KEY FEATURES

- 1 x 245W @ 4Ω
- 1 x 250W @ 70V / 100V
- 4 x ZONE ON/OFF selection switches
- 2 MIC inputs, including Talkover function (priority)
- 2 MIC / LINE inputs, including Talkover function (priority)
- 2 ST LINE input
- Embedded Chime tone
- 2-band EQ (BASS/TREBLE) for Mix Output
- Remote port for volume control (WPm series compatible)
- Auto Stand-by function
- 18VDC Phantom Power (external switch)
- MUTE port to remotely mute the unit from an external device, via dry contact closure

APPLICATIONS

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

ACCESSORIES AND COMPATIBLE PRODUCTS

- 2UHRMKIT (2RU Rack mount kit)
- WPm series (for Remote Volume control)

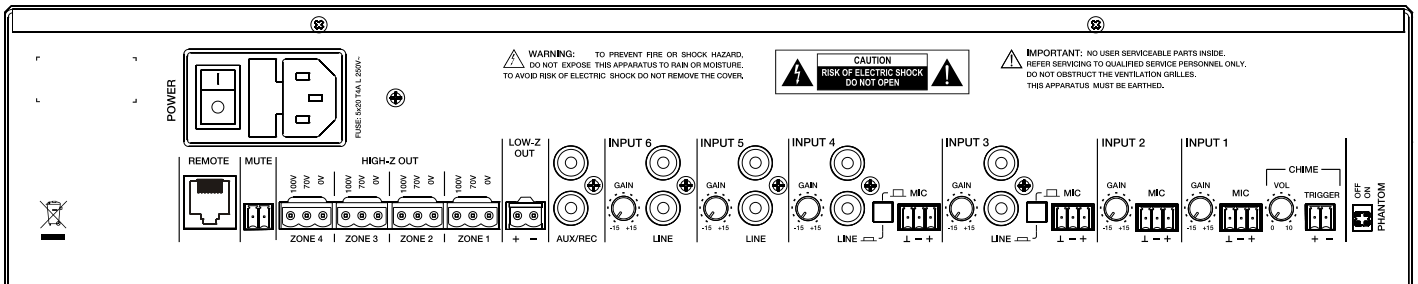
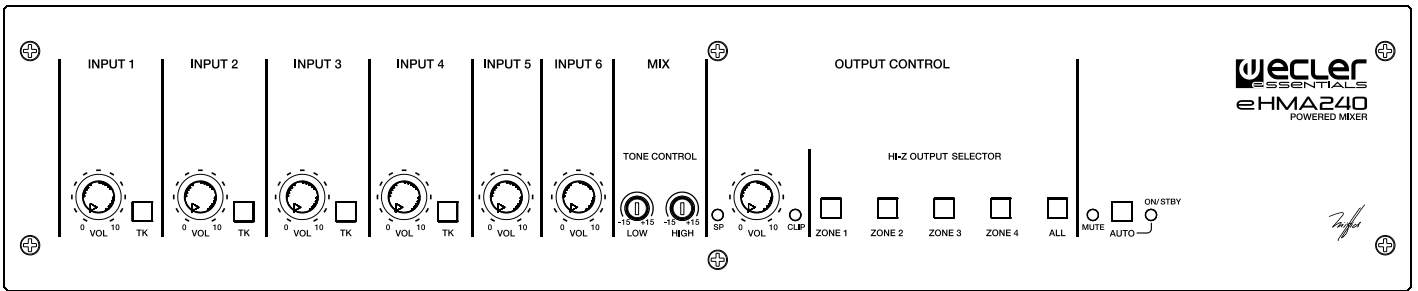


2UHRMKIT



WPmVOL

MECHANICAL DIAGRAMS



TECHNICAL DATA

Power output		
Low Z output	245W @ 4Ω 1% THD	
100V output	250W @ 41,6Ω 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 3 - 6 LINE	-15dBV to +15dBV / >10 kΩ	
INPUT 1 - 4 MIC	-20dBV to -50dBV / >1 kΩ	
CMRR		
MIC (BAL)	>65dB @ 1kHz	
High Pass Filter		
	70Hz	
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 (Inputs 1, 2, 3 & 4)		
Time	2 sec.	
Depth	-30dB	
Phantom voltage		
	+18VDC	
Mute		
Configuration	Normally open (by dry contact)	
Mains Voltage		
	See characteristics in the back of the unit	
Power consumption		
Pink noise, 1/8 power	49W	
Pink noise, 1/3 power	105W	
Standby mode (time 2 minutes)	9W	
Efficiency (typical)	86%	
Dimensions		
Panel WxDxH (knobs excluded)	435x200x88mm	
Weight	5.8 kg	

All product characteristics are subject to variation due to production tolerances. NEEC AUDIO BARCELONA S.L. reserves the right to make changes or improvements in the design or manufacturing that may affect these product specifications.
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