

eHMA250

MIXING AMPLIFIER

Powered Mixer



PRODUCT OVERVIEW

eHMA250 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 and 8Ω) and high impedance (50, 70 and 100V) loudspeaker lines, with independent 4 -ZONE ON/OFF switches (ZONE 1, ZONE 2, ZONE 3 and ZONE 4), besides a low impedance output and an auxiliary output.

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 WPa VOL.

KEY FEATURES

- 1 x 2 50W @ 4Ω / 8Ω / 50V / 70V / 100V (Load selector)
- 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, via dry contact closure
- 2 -band EQ (BASS/TREBLE) for Mix Output
- Remote port for volume control (WPa series compatible)
- Auto Stand -by function
- 15 VDC Phantom Power (external switch)
- MUTE port to remotely mute the unit from an external device, via dry contact closure

APPLICATIONS

- Retail
- Hospitality
- Education
- Corporate
- Sports and wellness

ACCESSORIES AND COMPATIBLE PRODUCTS

- WPaVOL

TECHNICAL SPECIFICATIONS
eHMA250
Inputs

INPUTS 1-2		MIC
Type		Mono, balanced
Connectors		Euroblock
Nominal Impedance		>1k Ω
Phantom power		+15VDC (ON/OFF ext switch)
Sensitivity		-20 to -50dBV
CMRR		>65dB @ 1kHz
Talkover		Time: 2 sec. Depth: -30dB
INPUTS 3-4		MIC / LINE
Type		Mono, balanced / Stereo, unbalanced
Connectors		Euroblock / RCA
Nominal Impedance		>1k Ω / >4,5k Ω
Phantom power (MIC)		+15VDC (ON/OFF ext switch)
Sensitivity		-20 to -50dBV / -15 to +15dBV
CMRR (MIC)		>65dB @ 1kHz
Talkover		Time: 2 sec. Depth: -30dB
INPUTS 5-6		LINE
Type		Stereo, unbalanced
Connectors		RCA
Nominal Impedance		>4,5k Ω
Sensitivity		-15 to +15dBV

Power Output

Low-Z output	250W @ 4 Ω / 8 Ω
High-Z output	250W @ 50V/ 70V/ 100V
Frequency Response (H-Z OUT)	70Hz – 25kHz (-3dB)
Frequency Response (LOW-Z OUT)	20Hz – 25kHz (-3dB)
THD + Noise@ 1kHz Full Power, Speaker Out, Line	<0.09%
THD + Noise Aux Out	<0.02%
Channel Crosstalk @ 1kHz	>65dB
AUX OUTPUT	
Nominal Level	0dB
Min Load	10k Ω

High Pass Filter

High-Z OUTPUT	70Hz / 12dB/oct
Low-Z OUTPUT	20Hz / 12dB/oct

Tone Control

Bass	100Hz $\pm$ 15dB
Treble	10kHz $\pm$ 15dB

Signal Noise Ratio (Gain at center, LowZ Out)

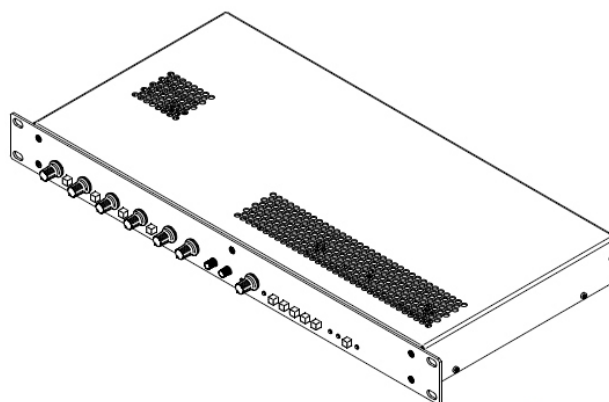
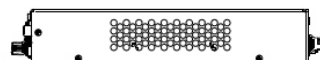
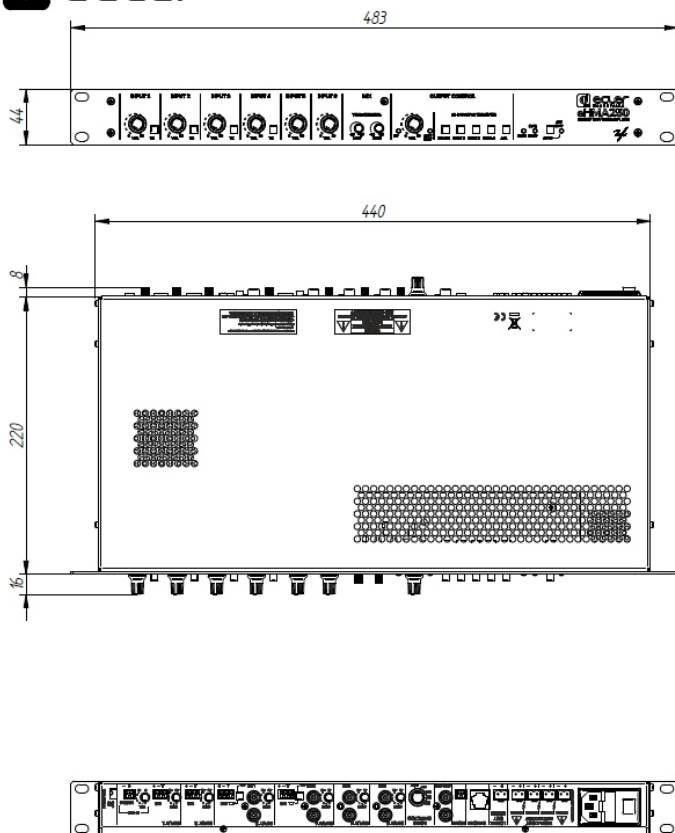
LINE	>85dB
MIC (BAL)	>75dB

Auto Standby		
MUTE time	2 min	
STANDBY time	10 min	
Trigger Level	-40dB	
Supply		
Mains	100-240VAC, 50 -60Hz	
Power Consumption		
Pink noise, 1/8 power	45W	
Pink noise, 1/3 power	95W	
Standby mode (time: 2 min)	8W	
Efficiency (typical)	82%	
Mechanical		
Dimensions (WxHxD)	435 x 44 x 220 mm / 17.1 x 1.7 x 8.7 in	
Weight	3kg / 6,6 lb.	
Shipping Dimensions (WxHxD)	390 x 70 x 580 mm / 15.35 x 2.76 x 22.83 in.	
Shipping Weight	4.3 kg / 9.48 lb	

MECHANICAL DIAGRAM



Ecler eHMA250 Mechanical Diagram



61-1050-0100

www.ecler.com