

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 WPaVOL.

KEY FEATURES

- 1 x 250W @ 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
- 15VDC 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

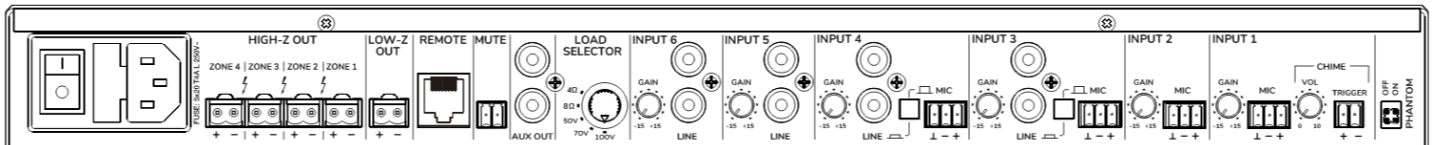
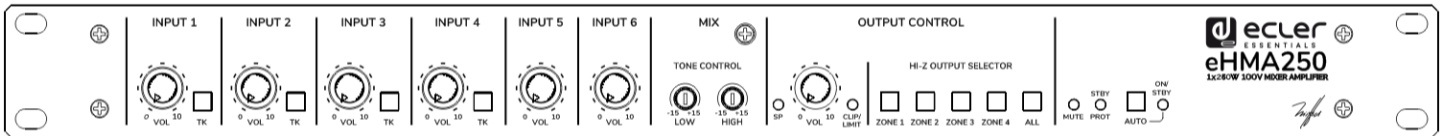
TECHNICAL SPECIFICATIONS

eHMA250

Inputs	
INPUTS 1-2	MIC
Type	Mono, balanced
Connectors	Euroblock
Nominal Impedance	>1kΩ
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	>1kΩ / >4,5kΩ
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	>4,5kΩ
Sensitivity	-15 to +15dBV
Power Output	
Low-Z output	250W @ 4Ω/ 8Ω
High-Z output	250W @ 50V/ 70V/ 100V
Frequency Response (HI-Z OUT)	70Hz – 25kHz (-3dB)
Frequency Response (LOW-Z OUT)	20Hz – 25kHz (-3dB)
THD + Noise@ 1kHz Full Power, Speaker Out,	<0.09%
Line	<0.02%
THD + Noise Aux Out	>65dB
Channel Crosstalk @ 1kHz	
AUX OUTPUT	0dB
Nominal Level	10kΩ
Min Load	
High Pass Filter	
High-Z OUTPUT	70Hz / 12dB/oct
Low-Z OUTPUT	20Hz / 12dB/oct
Tone Control	
Bass	100Hz ± 15dB
Treble	10kHz ± 15dB
Signal Noise Ratio (Gain at center, Low-Z 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 (WxDxH)	435x220x44mm / 17,1"x8,7"x1,7"
	Weight	3kg / 6,6 lb.

MECHANICAL DIAGRAM





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

For technical queries contact your supplier, distributor or complete the contact form on our website, in [Support / Technical requests](#).

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