

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

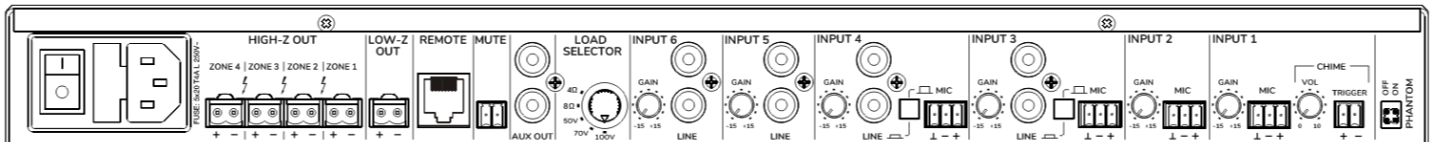
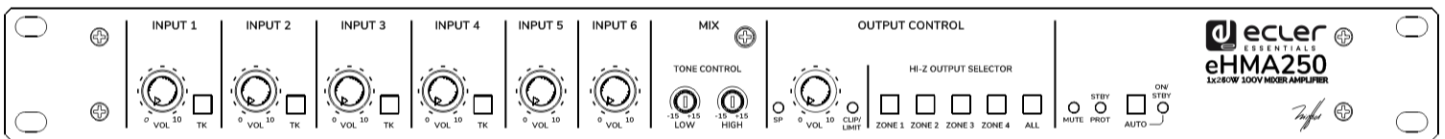
TECHNICAL SPECIFICATIONS

eHMA250

| Inputs | |
|---|-------------------------------------|
| INPUTS 1-2 | MIC |
| Type | Mono, balanced |
| Connectors | Euroblock |
| Nominal Impedance | >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 (HI-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, 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.

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