

eHMA60

MIXING AMPLIFIER

Powered mixer



PRODUCT OVERVIEW

ECLER ESSENTIALS eHMA60 is a self-powered audio mixer including one MIC input and two MIC/LINE ST inputs. It features a 60W powered output that supports both low (4 Ω) and high impedance (70V, 100V) loudspeaker lines. It also includes an audio priority system (paging, emergencies, etc.), 2 band tone control, auto stand-by mode, MUTE port and universal power supply unit, being compatible with external 24 VDC IN supply systems. eHMA60 is the perfect integral solution for budget and user-friendly professional audio projects.

KEY FEATURES

- 1x60W @ 4 Ω / 70V / 100V
- 1 MIC input
- 2 MIC / LINE inputs (INPUT 1 - Talkover function)
- 2-band EQ (BASS/TREBLE) for Mix Output
- 24VDC power supply included
- 24VDC Phantom Power (external switch)
- MUTE port to remotely mute the unit from an external device, via dry contact closure
- Auto Stand-by function

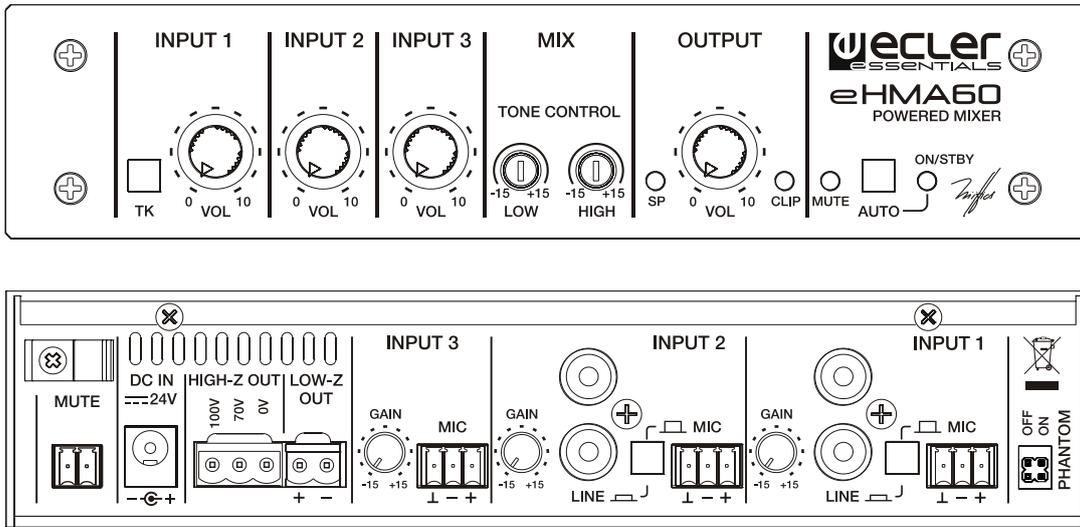
APPLICATIONS

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

CERTIFICATIONS

- EN60065:2014
- EN55103-1:2009
- EN55103-2:2009
- 2006/95/EC
- 2004/108/CE

MECHANICAL DIAGRAMS



TECHNICAL DATA

Power output	100V output	60W @ 166Ω 1% THD
	Low Z output	66 W @ 4Ω 1% THD
	Frequency response (HPF at 70Hz)	70Hz - 30kHz (-3dB)
	THD+Noise @ 1kHz Full Power, Speaker Out, Line	<0.08%
	Channel crosstalk @ 1 kHz	>65dB
Sensitivity / Nominal impedance	INPUT 1 LINE	-15dBV to + 15dBV / >10 kΩ
	INPUT 2 LINE	-15dBV to + 15dBV / >10 kΩ
	INPUT 1 MIC	-20dBV to -50dBV / >1 kΩ
	INPUT 2 MIC	-20dBV to -50dBV / >1 kΩ
	INPUT 3 MIC	-20dBV to -50dBV / >1 kΩ
CMRR	MIC (BAL)	>65dB @ 1kHz
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 (INPUT 1)	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)	90-264VAC 47-63Hz
Power consumption	Pink noise, 1/8 power	33 VA / 17W
	Pink noise, 1/3 power	62 VA / 36W
	Standby mode (time 2 minutes)	<4W
Dimensions	Panel WxDxH (knobs excluded)	200x150x44mm
	Weight	1.9kg

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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