

eCA120HZ

COMPACT AMPLIFIERS

High Impedance Micro-amplifier



PRODUCT OVERVIEW

ECLER eCA120HZ is a micro-amplifier delivering 1 x 106W RMS @ 70V / 100 V line level (high impedance), built in a very compact format and a light and silent (fanless) design. It features 1 LINE stereo input, AUTO STANDBY function and volume remote control, compatible with ECLER WpaVOL and WpaVOL-SR wall panels (0-10 VDC). External, universal and CE/UL/CCC certified power supply.

KEY FEATURES

- 1 x 106W RMS @ 70V / 100V line level (high impedance) amplifier
- External, universal power supply
- AUTO STANDBY function: in the absence of an audio signal the unit automatically goes into STANDBY mode, minimizing power consumption
- Light and silent (fanless) design
- 1 unbalanced stereo line input (LINE IN / STACK), with dual RCA connector and 3-pin Euroblock connector
- Local volume control by knob
- Remote volume control by Wpa series wall panel (0-10VDC)

APPLICATIONS

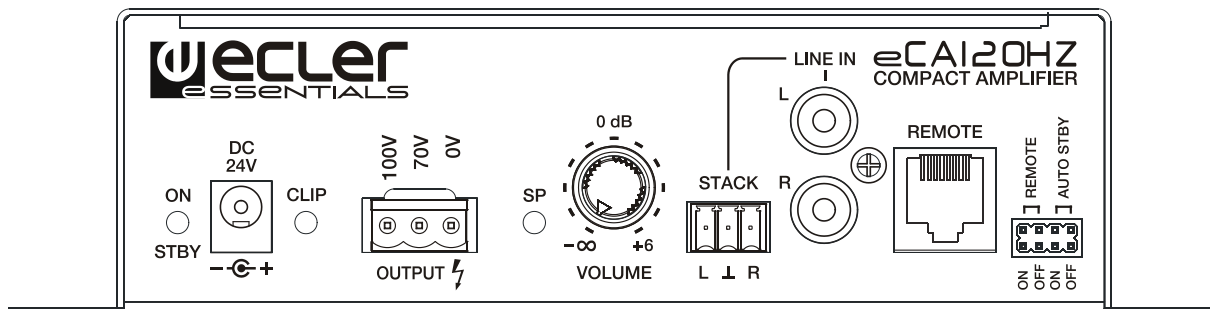
- Classrooms
- Meeting rooms
- Multimedia presentations (in combination with video projectors, screens, etc.)
- Retail shops
- Museums and exhibitions
- Video-walls, screens, interactive
- AV marketing and digital signage

TECHNICAL SPECIFICATIONS

eCA120HZ

Power (100V OUTPUT)	106W@100Ω 1% THD
Frequency response	70Hz - 30kHz (-3dB)
THD+Noise @ 1kHz Full Pwr. SPKR OUT	< 0.07%
Channel crosstalk @ 1kHz	>65dB
Inputs Sensitivity nom/Impedance	0dBV/>20kΩ (VOLUME at 0dB)
Volume adjust	-∞ to +6dBV
High Pass Filter (Internal,no removable)	70Hz
Signal Noise Ratio	>85dB (VOLUME at 0dB)
Remote control (externally selectable)	Master Volume
	Analog. 0 -10V based
Auto standby	Time: 2 minutes (aprox.)
	Threshold: -40dBV (L&R)
Mains (using supplied DC adapter)	100-240VAC + External PSU 24VDC
Power consumption	
pink noise, 1/8 power	38VA / 26W
pink noise, 1/3 power	61VA / 51W
Standby (time 2 minutes)	<2.5W
General	
Dimensions WxDxH	190x90x48mm (knobs and connectors excluded)
Weight	2.3g

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 requests address to your supplier, distributor or fill the contact form in our website, at Support / Technical Request.

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