

## eCA120HZDN

### COMPACT AMPLIFIERS

#### DANTE™/AES67 INTERFACE AMPLIFIER



### PRODUCT OVERVIEW

eCA120HZDN is a 120 WRMS @ 100V efficiency (class D) mono compact amplifier for high impedance lines. It features 2 x analogue audio inputs and 2 x DANTE™/AES67 audio inputs, both with selectable priority function (over the other input signal) as well as an auxiliary audio output. Auto stand-by function (selectable) and fanless design (100% silent). It also has a remote control volume port compatible with ECLER Wpa wall-panel control series. Universal external power supply included.

### KEY FEATURES

- 1 x 120W RMS @ 100V output
- 1 x auxiliary audio output (Euroblock connector), for connecting to a sub-woofer unit e.g.
- 1 x unbalanced stereo input (LINE INPUT), with dual RCA connector and 3-in Euroblock connector
- 2 x DANTE™/AES67 audio input (DANTE INPUT), with RJ-45 connector
- Selectable PRIORITY FUNCTION with selectable priority signal: the analogue audio input (LINE INPUT) can be selected as priority signal over the DANTE™/AES67 audio input (DANTE INPUT), or vice versa.
- Priority release time adjustment (FAST / SLOW).
- Selectable AUTO STANDBY function: in the absence of an audio signal the unit automatically goes into STANDBY mode, minimizing power consumption.
- Gain adjust of audio inputs on front panel (trimmers)
- Local volume control by knob
- Remote volume control (RJ-45 connector.) via Wpa wall-panel control series (0-10 VDC).
- Lightweight, silent, high-performance amplifier (fan-free convection cooling)
- External, universal power supply (included)

### APPLICATIONS

- Audio Over IP transmission, using standard Ethernet networks
- DANTE™/AES67 digital audio receiver
- Priority messages management
- Education, Retail Centers, Museums, Etc.

### ACCESSORIES AND COMPATIBLE PRODUCTS

- 1UHRMKIT (Rack-mount Kit)



1UHRMKIT

## TECHNICAL SPECIFICATIONS

## eCA120HZDN

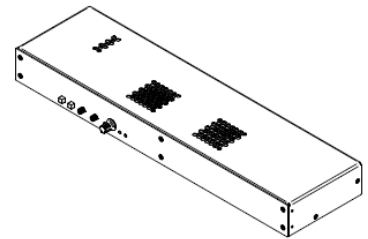
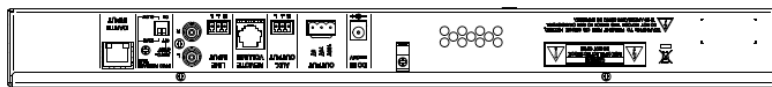
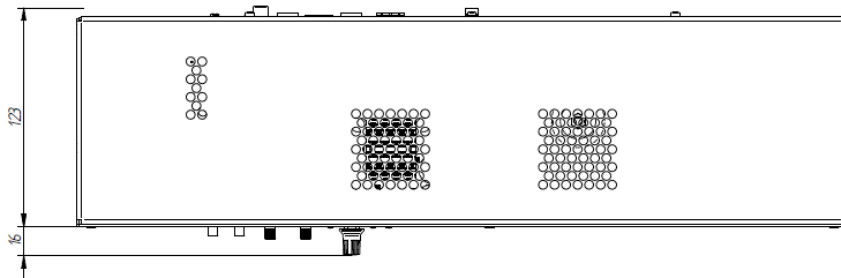
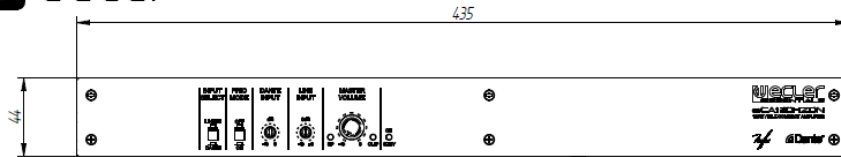
Analogue input / output		
Power		98W@ 100Ω 1% THD (100V Output) 98W@ 50Ω 1% THD (70V Output)
Frequency response		75Hz - 25kHz (-3dB)
THD+Noise @ 1kHz Full Pwr. SPKR OUT		< 0.07%
Channel crosstalk @ 1kHz		>65dB
Inputs Sensitivity nom/Impedance		0dBV/>20kΩ
Volume adjust		-∞ to +6dBV
High Pass Filter (internal, no removable)		70Hz
Signal Noise Ratio		>70dB
DANTE™/AES67 input		
Volume adjust		-∞ to 0dBV
Resolution		24 bits
Dynamic range		100dB
DANTE™/AES67 audio interface		
DANTE™/AES67 Network outputs		2
Latency		1 / 2 / 5 ms (selectable)
Connector		1 x RJ45
Cable length between devices		100m CAT5 or CAT5e / CAT6
Priority and input mode		
Priority function		Threshold: -30dB
Priority release time (with Fade-in)		Fast: 4seg.
		Slow: 18 seg.
Miscellaneous		
Remote control		Master Volume Analog. 0 -10V based (RJ45 connector)
Auto standby		Time: 90 seg. (aprox.) Threshold: -40dBV (L&R)
Signal present		Threshold -40dBV (L&R)
Input select button		Pressed: DANTE™/AES67 INPUT
		Released: Line INPUT
Priority mode button		Pressed: Mode ON
		Released: Mode OFF
Supply		
DC supply		24V
Mains (using supplied DC adapter)		100-240VAC + External PSU 24VDC
Power consumption		
Pink noise, 1/8 power @ 4 ohm		38,4VA / 26,3W
Pink noise, 1/3 power @ 4 ohm		65,4VA / 55,0W
Standby mode (time 2 minutes)		14,3VA / 4,5W
Mechanical		
Dimensions (WxHxD)		435 x 44 x 120 mm / 17.13 x 1.97 x 16.14 in
Weight		2,8 kg. / 6.17 lb
Shipping Dimensions (WxHxD)		320 x 70 x 580 mm / 12.6 x 2.76 x 22.83 in.
Shipping Weight		4.25 kg / 9.37 lb

## MECHANICAL DIAGRAM

All the measurements are in mm



Ecler eCA120HZDN Mechanical Diagram



61-1040-0100

www.ecler.com



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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