

eCA120DN

COMPACT AMPLIFIERS

Dante™ Interface Amplifier



PRODUCT OVERVIEW

eCA120DN is a 2 x 60 WRMS @ 4Ω high efficiency (class D) stereo compact amplifier. It features 2 x analogue audio inputs and 2 x Dante™ 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 Wpm wall-panel control series. Universal external power supply included.

KEY FEATURES

- 2 x 60 W RMS @ 4 Ω 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™ 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™ 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 Wpm 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™ digital audio receiver
- Priority messages management
- Education, Retail Centers, Museums, Etc.

ACCESSORIES AND COMPATIBLE PRODUCTS

- 1UHRMKIT (Rack-mount Kit)



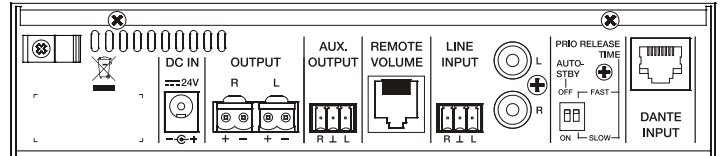
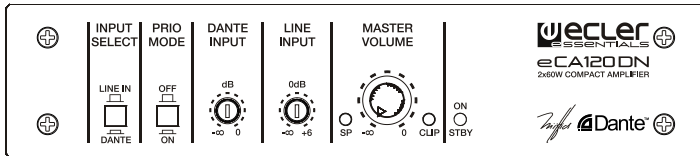
1UHRMKIT

- Wpm Series (Wall panel control)



WpmVOL

MECHANICAL DIAGRAMS



TECHNICAL DATA

Analogue input / output	
Power (stereo)	2x56W@4Ω 1% THD 2x68W@4Ω 10% THD 2x34W@8Ω 1% THD 2x41W@8Ω 10% THD
Frequency response	15Hz - 25kHz (-3dB)
THD+Noise @ 1kHz Full Pwr. SPKR OUT	< 0.15%
Channel crosstalk @ 1kHz	>65dB
Inputs Sensitivity nom/Impedance	0dBV/>20kΩ
Volume adjust	-∞ to +6dBV
Signal Noise Ratio	>85dB
Dante™ input	
Volume adjust	-∞ to 0dBV
Resolution	24 bits
Dynamic range	100dB
Dante™ audio interface	
Dante 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™ INPUT Released: Line INPUT
Priority mode button	Pressed: Mode ON Released: Mode OFF
Supply	
DC supply	24V
Mains (using supplied DC adapter)	90-264VAC 50-60Hz
Power consumption	
Pink noise, 1/8 power @ 4 ohm	38,9VA / 26,6W
Pink noise, 1/3 power @ 4 ohm	66,4VA / 56,9W
Standby mode (time 2 minutes)	14,7VA / 4,9W
Mechanical	
Dimensions WxHxD	200x44x120mm
Weight	0,90 kg.