FC-102Net
2–Channel Dante Encoder & PoE Acceptor

FC–102Net is a compact 2–channel Dante™ encoder with 2 balanced mono audio inputs that enables connecting non–Dante sources, such as microphones, laptops and players to a Dante network. It supports line level and microphone level sources and can provide 48V phantom power per input. FC–102Net is powered over Ethernet from any standard PoE providing network switch

FEATURES

Dante Network Interface

PoE Acceptor

Inputs - 2 balanced mono audio on a 3–pin terminal blocks

Output - 2 Dante channels on an RJ–45 connector

Output Volume Control

Versatile Control - Via the Dante IP control matrix and Kramer Protocol 3000 via RS–232 connection

Professional, Studio Grade Signal Conversion Technology - Includes the latest generation 32–bit advanced Digital Analog Converter architecture to achieve excellent dynamic performance and improved tolerance to clock jitter. Maintains the quality of the original audio signal with selectable sampling rates up to 96 kHz

Easy Installation - Single twisted–pair cable for signal and power wiring. Compact PicoTOOLS® fan–less enclosure for device–back mounting, or side–by–side mounting of 4 units in a 1U rack space with the recommended rack adapter

TECHNICAL SPECIFICATIONS

Inputs	2 Balanced Mono Mic / Line Level Source On 3−pin terminal blocks
Ports	1 Dante On an RJ−45 connector
	1 RS-232 On a 3−pin terminal block
User Interface	Control Dante IP control matrix, Kramer Protocol 3000 via RS−232, audio input configuration DIP−switches, reset button
	Inicators Power, Dante network, input selection and digital operation LEDs
Power	Source 48V DC (PoE)
	Consumption 100mA
Enclosure	Size PicoTOOLS®
	Type Aluminum
	Cooling Convection ventilaion
Environmental Conditions	Operating Temperature 0° to +40°C (32° to 104°F)
	Storage Temperature −40° to +70°C (−40° to 158°F)
	Humidity 10% to 90%, RHL non−condensing
STANDARDS COMPLIANCE	Safety CE
	Environmental RoHs, WEEE
Product Dimension	6.22cm x 5.18cm x 2.44cm (2.45" x 2.04" x 0.96") W, D, H
Product Weight	0.1kg (0.3lbs) approx
Shipping Dimension	15.70cm x 12.00cm x 8.70cm (6.18" x 4.72" x 3.43") W, D, H
Shipping Weight	0.2kg (0.5lbs) approx