Dante 2-Channel Analog Audio Decoder with PoE, 100 meters (328 ft), PCM 2.0 44.1kHz/48kHz/96kHz up to 24 Bit, TAA

MODEL NUMBER: **A130-DNT-DEC**




Decodes digital audio signals from Dante-compliant components and transmits them as analog to speakers, receivers and other analog audio equipment.

Highlights

- Analog audio output supports balanced or unbalanced audio output
- Audio output supports 3-level gain adjustment: +18dBu, 0dBu (default) and -10dBV
- Audio sampling rate supports 44.1 kHz, 48 kHz and 96 kHz (24-bit)
- Dante solution supports AES67 RTP audio transmission
- Can be powered using a PoE network switch or a DC 12V power supply (not included)

Package Includes

- A130-DNT-DEC Dante 2-Channel Analog Audio Decoder
- 6-pin 3.81 mm Phoenix connector
- 2-pin 3.81 mm Phoenix connector
- Installation instructions

Features

Enables Dante Audio to Interface with Non-Dante Analog Devices
The A130-DNT-DEC allows non-Dante audio devices, including mixers, switches, amplifiers, receivers and speakers, to smoothly interface with Dante-compatible equipment and software. The decoder supports two-channel analog transmission, both balanced and unbalanced, over a network to Dante equipment. A convenient switch lets you adjust the audio gain between +18dBu, 0dBu (default) and -10dBV.

Supports Power over Ethernet to Save You Money and Give You More Installation Choices
Because this audio decoder supports PoE, it can draw power from any connected PoE network switch, which saves you the expense and effort of purchasing, connecting and installing a separate power supply. It also gives you more flexibility in where you install the decoder, making it ideal for studios, live events and large conference areas where both network cabling and analog audio devices exist. ***Note**: The A130-DNT-DEC accepts a DC 12V power supply (not included) when a PoE switch is not available.*

Specifications

OVERVIEW	
UPC Code	037332296450
Product Type	AV Decoder
Technology	A/V over IP; Cat6; Cat6a
AUDIO	
Audio Ports Details	PCM 2.0 44.1 KHZ/48 KHZ/96 KHZ UP TO 24-BIT. CONTROL METHOD: DANTE CONTROLLER
Audio Specification	PCM 2.0 44.1 KHZ/48 KHZ/96 KHZ UP TO 24-BIT

Audio Connector Details	Input: 1x Dante (RJ45), 1x Power (2-pin Phoenix, 3.81mm); Output: 1x Audio (6-pin Phoenix, 3.81mm)
POWER	
Power Consumption (Watts)	1.32
CONNECTIONS	
PoE Capability	15.4W (802.3af)
Side A - Connector 1	RJ45 (FEMALE)
Side B - Connector 1	6 PIN (FEMALE)
Latching or Gripping Connector	No
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Dante (RJ45) Input: (1x) Green = Connection established; (1x) Yellow: Flashes to indicate data is transmitting
PHYSICAL	
Color	Black
Cable Length (ft.)	0
Cable Length (m)	0.00
Unit Dimensions (hwd / in.)	1.020 x 1.850 x 4.720
Unit Dimensions (hwd / mm)	120 X 47 X 26
Unit Weight (lbs.)	0.4
Unit Weight (kg)	0.18
ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	-4 to 140 F (-20 to 60 C)
Operating Humidity Range	20 TO 90% RH, NON-CONDENSING
Storage Humidity Range	20 TO 90% RH, NON-CONDENSING
COMMUNICATIONS	
Signal Range (ft.)	328
Signal Range (m)	100
Transmission Distance	328-FT. / 100M (VIA CAT6/6A CABLE)
EDID Compatible	No
Consumer Electronics Control (CEC) Supported	No
IEEE Standards Supported	802.3af
FEATURES & SPECIFICATIONS	

EMI/RFI Line Noise Protection	No
Integrated/Removable Cable	No
MST Support	No
Antibacterial	No
Fully Molded Connector Ends	No
Ohms	No
Integral Strain Relief	No
Impedance-Matched Twisted-Pair Construction	No
Scaler Function	No
IP67 Rated	No
Armored Cable	No
Driver Required	No
DIN Mountable	No
STANDARDS & COMPLIANCE	
Product Compliance	CE (Europe); FCC Part 15 Class B (USA); Trade Agreements Act (TAA); UKCA; WEEE
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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