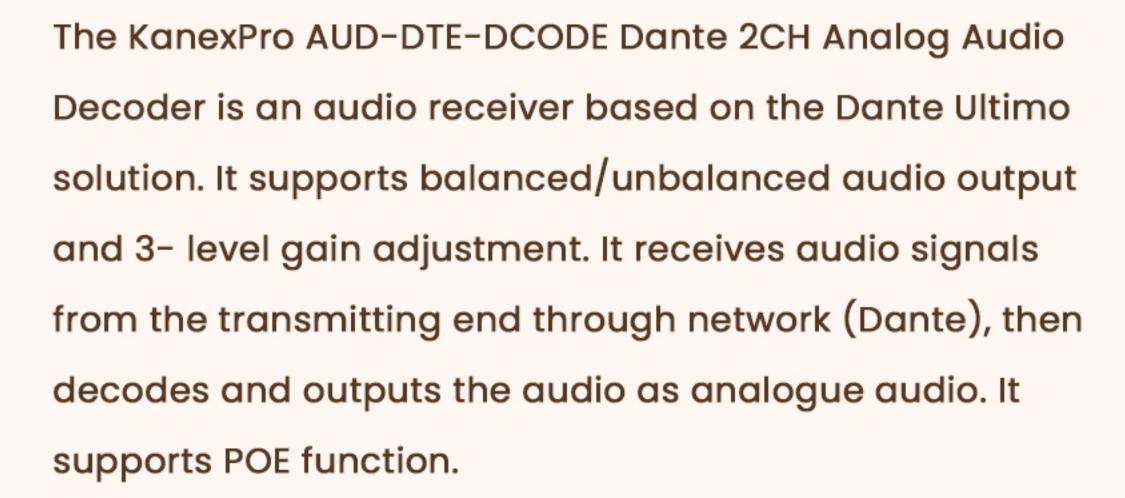


Dante Powered 2-Channel Analog Audio Decoder with POE

Analog Audio to Digital Audio

MPN: AUD-DTE-DCODE



This is a 2-channel analogue audio decoder designed to work with Dante audio-over-IP networks. It features

Power over Ethernet (PoE), allowing the device to be powered through the Ethernet cable, which simplifies installation by reducing the need for a separate power supply. It is ideal for situations where you need to integrate Dante audio into a system that requires analogue audio outputs, and the use of PoE ensures a streamlined setup process.

Applications:

The KanexPro AUD-DTE-DCODE Dante Powered 2CH Analog Audio Decoder with PoE is designed for a variety of professional audio applications, particularly in environments that use Dante audio-over-IP networks. Some of the key applications include:

- Sound Reinforcement Systems
- Commercial Audio Systems
- Broadcasting and Media Production
- Commercial Installations
- Multi-Room Audio Systems
- Education and Training Facilities
- Healthcare Facilities



Key Benefits of Using an AUD-DTE-DCODE:

- Seamless Integration with Dante Network
- Power over Ethernet (PoE) for Simplified Installation
- Two-Channel Analog Audio Output
- Low-Latency and High-Quality Audio Transmission
- Compact and Durable Design
- Easy Setup and Management with Dante Controller
- Cost-Effective Solution for Analog-to-Digital Audio Conversion
- Flexibility in Application
- Enhanced Audio Routing and Distribution
- Reliable and Redundant Networking

FEATURES

- Analog audio input supports balanced/unbalanced audio input (unbalanced access to "+" and "GND")
- Audio sampling rate supports 44.1kHz, 48kHz and 96kHz (24bit)
- Dante solution supports AES67 RTP audio transmission
- Audio input supports 3-level gain adjustment: +18dBu, 0dBu (default) and -10dBV
- Support DC 12V power supply and POE function (IEEE802.3af Class 0)

SPECIFICATIONS

TECHNICAL

Video Network Bandwidth 100M

Audio Formats PCM 2.0 44.1kHz/48kHz/96kHz up to 24bit

Transmission Distance 100m (CAT6/6A)

Frequency Response 20Hz to 20kHz

Control Method Dante Controller

Encoding PCM 16, 24, 32

Latency 5.0, 2.0, 1.0 msec

44.1K, 48K, 88.2K, 96K

Connection

Input

lx DANTE [RJ45 connector, POE]

lx PWR [2-pin phoenix, 3.81mm]

Output

lx AUD [6-pin phoenix, 3.81mm]

Mechanical

Housing Metal Enclosure

Color

Dimensions 120mm[W] x 47mm[D] x 26mm[H]

Weight
Power Consumption
1.32 Watt
Power Supply
DC input: 12V

POE input: IEEE802.3af Class 0

Operation Temperature 32 - 104°F / 0 - 40°C

Storage temperature -4 - 140°F / -20 - 60°C

Relative Humidity 20 - 90% RH (no condensation)

