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IP-AUD-2CH-DNT-10

Dante® 2-Channel Analog Audio Encoder with PoE

Dante®





> Product Description

The IP-AUD-2CH-DNT-10 is a compact Dante® audio encoder designed to convert two channels of analog line-level audio into a Dante® network stream. Based on the Audinate Dante® Ultimo platform, it enables high-quality, low-latency audio transport over standard Ethernet infrastructure, making it ideal for professional AV, conferencing, and distributed audio systems

> Product Features

- Dante® Ultimo–based 2×2 audio encoder
- Converts 2-channel analog audio to Dante® digital audio
- Balanced and unbalanced analog audio input
- Supports AES67 RTP audio transmission
- Selectable input gain: +18 dBu / 0 dBu / −10 dBV
- PoE powered (IEEE 802.3af, Class 0) or 12V DC
- Compact metal enclosure for professional installations
- Configured and managed via Dante® Controller

> Power Specifications

- **Power**
  - Power over Ethernet: IEEE 802.3af Class 0
  - Local Power Supply: 12 V DC
  - Power Consumption: 1.2 W

> Environmental Specifications

- Operating Temperature: 0°C to 40°C
- Storage Temperature: −20°C to 60°C
- Operating Humidity: 20–90% RH (non-condensing)

> Audio Specifications

- **Audio**
  - Channels: 2 (Stereo)
  - Audio Type: Analog line-level to Dante® digital audio
  - Audio Format: PCM
  - Sample Rates: 44.1 kHz / 48 kHz / 96 kHz
  - Bit Depth: Up to 24-bit
  - Input Type: Balanced / unbalanced analog audio
  - Input Gain Settings: +18 dBu / 0 dBu (default) / −10 dBV
  - Audio Transport: Dante® / AES67 RTP

> Network Specifications

- **Network**
  - Network Interface: 1 × RJ45 (Dante®, PoE)
  - Network Speed: 100 Mbps
  - Maximum Transmission Distance: 100 m (CAT6 / CAT6A)
  - Control Method: Dante® Controller

> Mechancial Specifications

- Enclosure: Metal
- Colour: Black
- Dimensions (W × D × H): 120 × 47 × 26 mm
- Weight: 186 g

> Connections

- Analog Audio Input:
  - 1 × 6-pin Phoenix connector (3.81 mm)
- Power Input:
  - 1 × 2-pin Phoenix connector (12 V DC)
- Network Output:
  - 1 × RJ45 (Dante®, PoE)

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