NETVIO

IP-AUD-XLR-DNT-10

Dante®

Dante® 2-Channel XLR Analog Audio Decoder with PoE





> Product Description

The Netvio IP-AUD-DNT-XLR-10 is a compact XLR to Dante® audio encoder designed to convert two channels of balanced or unbalanced XLR analog 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-channel audio encoder
- Converts XLR analog audio to Dante® digital audio
- Balanced and unbalanced XLR audio input
- Supports AES67 RTP audio transmission
- Configurable Dante® latency (1 / 2 / 5 ms)
- 5-level analog input sensitivity adjustment
- PoE powered (IEEE 802.3af Class 0)
- Optional local USB-C power input
- Compact, installation-friendly design
- Configured and managed via Dante® Controller

> Power Specifications

- **Power**
  - Power over Ethernet:
    - IEEE 802.3af Class 0
  - Local Power Supply:
    - USB-C 5 V / 500 mA
  - Power Consumption:
    - 2.00 W (max)

> Environmental Specifications

- Operating Temperature: 0°C to 40°C
- Storage Temperature: −20°C to 60°C
- Operating Humidity: 20–80% RH (non-condensing)
- Storage Humidity: 10–90% RH (non-condensing)

> Audio Specifications

- Channels: 2 (Stereo)
- Audio Direction: XLR Analog → Dante®
- Audio Format: PCM
- Dante® Sample Rates:
  - 44.1 kHz / 48 kHz / 88.2 kHz / 96 kHz @ 24-bit
- XLR Input Type: Balanced / unbalanced
- Maximum Input Level:
  - +24 dBu (balanced)
  - +18 dBu (unbalanced)
- Input Sensitivity Settings:
  - +24 dBu / +4 dBu / 0 dBu / 0 dBV / −10 dBV
- Frequency Response:
  - 20 Hz – 20 kHz (±0.5 dB)
- THD+N:
  - < 0.01%
- Dynamic Range:
  - 100 dB
- Audio Latency:
  - Configurable via Dante® Controller (1 / 2 / 5 ms)

> Network Specifications

- **Network**
  - Network Interface:
    - 1 × RJ45 (Dante®, PoE)
  - Network Speed:
    - 100 Mbps
  - Maximum Transmission Distance:
    - 100 m (CAT6 / CAT6A / CAT7)
  - Control & Configuration:
    - Dante® Controller

> Mechanical Specifications

- Enclosure:
  - High-impact plastic
- Colour:
  - Black
- Dimensions (W × D × H):
  - 115 × 40 × 28 mm
- Weight:
  - 173 g

> Connections

- Analog Audio Inputs:
  - 2 × XLR female connectors (CH1 / CH2, 30 cm cable)
- Dante® Network Output:
  - 1 × RJ45 (Digital audio output, PoE)
- Power Input:
  - 1 × USB-C (5 V / 500 mA power input)
- Control:
  - 1 × recessed reset button