

Dante® 2-Channel USB Audio Encoder

Dante® 2-Channel USB Audio Encoder with PoE

MPN: AUD-DTE-USB



KanexPro AUD-DTE-USB is a compact, high-performance Dante® sound card adapter that enables seamless bidirectional audio transmission between a computer and a Dante® network. Based on the reliable Dante Ultimo solution, this device acts as a plug-and-play external sound card, allowing users to encode computer audio into the network or decode network audio back to the computer for recording and monitoring.

Fully compliant with USB Audio Device Class V1.0 for driver-free operation, and supporting AES67 RTP audio transmission for broad protocol interoperability, the AUD-DTE-USB is ideal for recording studios, corporate meeting rooms, and live event production. Powered via USB (5V) or PoE (IEEE 802.3af) with up to 100m reach over CAT6/6A.

 USB-B Host PC/Mac to Dante® network	 Bidirectional Encode & decode 2-ch audio	 AES67 Support Broad AoIP interoperability	 PoE or USB Flexible power + 100m range	 Metal Enclosure Rugged design for any install
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KEY FEATURES:

- USB-B host interface — connects PC or Mac directly to a Dante®-enabled network for bidirectional audio
- Encode computer audio to Dante® network or decode network audio to computer for recording and monitoring
- Supports PCM 2.0 at 44.1kHz, 48kHz, and 96kHz up to 24-bit for crystal-clear professional audio
- USB Audio Device Class V1.0 compliant — plug-and-play, no drivers required on most operating systems
- AES67 RTP compliant — ensures interoperability with a wide range of AoIP hardware and software
- Powered via USB input (5V / 500mA) or PoE (IEEE 802.3af Class 0) — installation flexibility
- Up to 100m transmission distance over CAT6 / CAT6A cable
- Rugged metal enclosure (120mm × 47mm × 26mm, 186g) — suitable for portable kits and permanent installs

SPECIFICATIONS

Host Interface	1× USB-B (USB 2.0 Full Speed)
Network Port	1× Dante® RJ45 (Network / PoE)
Audio Formats	PCM 2.0 — 44.1kHz / 48kHz / 96kHz up to 24-bit
AoIP Standard	AES67 RTP Audio Transmission
Frequency Response	20Hz – 20kHz
Latency	1ms, 2ms, or 5ms (via Dante Controller)
Transmission Distance	Up to 100m over CAT6 / CAT6A
Power	USB Input 5V / 500mA or PoE (IEEE 802.3af Class 0)
Power Consumption	1W (Max)
Housing / Weight	Metal Enclosure 186g
Dimensions	120mm × 47mm × 26mm
SKU	AUD-DTE-USB



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