# Dante 2CH Analog Line Input Adapter

2-Channel Balanced/Unbalanced Audio to Dante Converter with 5-Level Sensitivity & PoE

**MPN: AUD-DTE-LINEIN**

**Bridges legacy analog audio sources into any Dante network with a compact, plug-and-play 2-channel line input adapter.** The KanexPro AUD-DTE-LINEIN accepts balanced or unbalanced analog audio via a 6-pin phoenix connector and converts it to Dante digital audio at up to 96kHz/24-bit, delivering >100dB dynamic range and <0.01% THD+N for transparent signal quality.

Five-level per-channel sensitivity (+24dBu to −10dBv) matches professional mixers to consumer media players. PoE or USB-C power enables single-cable installation anywhere on the network. AES67 ensures cross-vendor interoperability.

| **96kHz / 24-bit**<br>Dante Ultimo 2×2 | **5-Level Gain**<br>+24dBu to −10dBV | **AES67**<br>Cross-platform | **PoE / USB-C**<br>Dual Power | **100m / 328ft**<br>CAT6/6A/7 |
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## KEY FEATURES

- Converts 2-channel balanced/unbalanced analog audio to Dante digital audio via 6-pin 3.5mm phoenix connector
- Dante Ultimo 2×2 platform — 44.1/48/88.2/96kHz at 24-bit
- 5-level per-channel sensitivity: +24dBu, +4dBu, 0dBu, 0dBV, −10dBV
- >100dB S/N ratio, >100dB dynamic range, <0.01% THD+N at +4dBu
- Configurable Dante audio delay: 1, 2, or 5ms via Dante Controller
- AES67 RTP audio transmission for cross-platform interoperability
- Dual power: PoE (IEEE 802.3af Class 0) or USB-C 5V
- Compact 115×40×28mm with hook-and-loop mounting

## SPECIFICATIONS

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| **Audio Input** | 2CH balanced/unbalanced (6-pin 3.5mm phoenix) |
| **Audio Output** | Dante 2CH digital (RJ45 PoE) |
| **Sampling Rate** | 44.1 / 48 / 88.2 / 96kHz @24-bit |
| **Sensitivity** | +24dBu, +4dBu, 0dBu, 0dBV, −10dBV (per ch) |
| **S/N / Dynamic Range** | >100dB @0dBu, 1kHz (A-weighted) |
| **THD+N** | <0.01% @+4dBu, 1kHz |
| **Protocol** | Dante / AES67 RTP |
| **Distance** | 328ft / 100m (CAT6/6A/7) |
| **Power** | PoE (802.3af Class 0) or USB-C 5V/500mA — 2W max |
| **Dimensions / Weight** | 115 × 40 × 28mm / 94g |
| **Environment** | 0–40°C, 20–80% RH |

## PACKAGE CONTENTS

1× Dante 2CH Line Input Adapter • 1× 6-pin Phoenix Connector • 2× Hook & Loop • 1× User Manual