

## Dante® 2-Channel XLR Output Adapter

Convert Dante® Digital Audio to Professional XLR Output

MPN: AUD-DTE-XLRROUT



**Thank you for purchasing this product.** Please read these instructions carefully before connecting, operating, or adjusting this product.

**Surge protection recommended.** Use surge protection to protect sensitive electrical components.

**Network cable:** Use CAT6 or CAT6A straight-through Ethernet. Do not cross-connect.

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## 1. INTRODUCTION

The KanexPro AUD-DTE-XLRROUT is a Dante® 2CH XLR Output Adapter based on the Dante Ultimo 2x2 solution. It converts Dante® 2CH digital audio into two-channel balanced or unbalanced XLR analog audio, outputting via integrated 30cm XLR male pigtail leads. Analog audio output supports 5-level gain adjustment. The adapter supports USB-C port power supply and PoE function.

## 2. FEATURES

- Dante® 2CH digital audio to two-channel XLR analog audio output
- Balanced/unbalanced XLR analog audio output with integrated 30cm male pigtail leads
- Dante® audio sampling: 44.1/48/88.2/96kHz @ 24-bit; AES67 RTP compatible
- Configurable Dante® device latency: 1, 2, or 5ms via Dante® Controller
- Five output gain levels per channel: +18dBu, +4dBu, 0dBu, 0dBv, -10dBv
- Dual power: USB-C 5V/500mA or PoE IEEE 802.3af Class 0
- High-performance audio: SNR >100dB, THD+N <0.01%, 20Hz–20kHz ±0.5dB
- ESD protection: IEC 61000-4-2 ±8kV air / ±4kV contact

## 3. PACKAGE CONTENTS

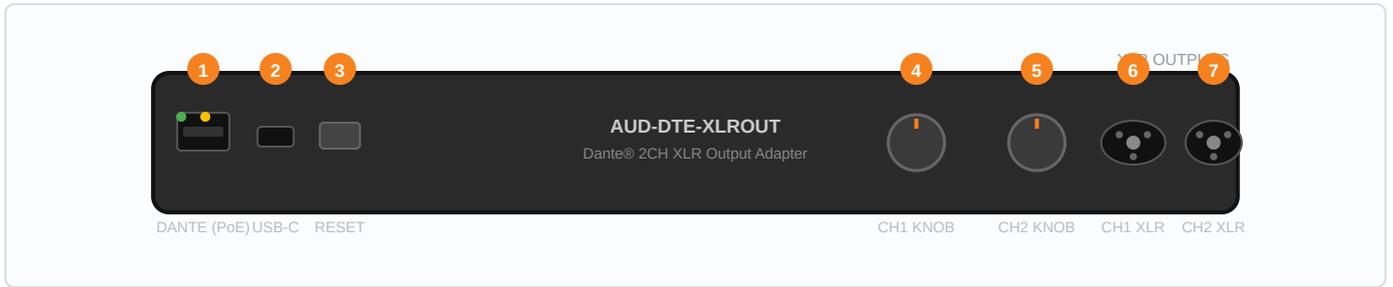
- 1× Dante® 2CH XLR Output Adapter
- 2× Hook & Loop fasteners
- 1× User Manual

## 4. SPECIFICATIONS

| TECHNICAL           |   |
|---------------------|---|
| Audio Formats       | DANTE IN: PCM 2CH, 44.1/48/88.2/96kHz @ 16/24-bit<br>XLR OUT: max +18dBu balanced / +12dBu unbalanced |
| Output Gain         | +18dBu / +4dBu / 0dBu / 0dBv / -10dBv (5-level, per channel)  |
| Output Impedance    | 600Ω balanced / 300Ω unbalanced   |
| Latency             | 1 / 2 / 5ms configurable   Sync delay <10ms   |
| SNR / THD+N         | >100dB @ 0dBu, 1kHz   <0.01% @ +4dBu, 1kHz  |
| Frequency Response  | 20Hz–20kHz ±0.5dB   |
| Network             | 100Mbps   Up to 100m / 328ft (CAT6/6A/7)  |
| Control             | Dante® Controller   AES67 RTP compatible  |
| CONNECTION          |   |
| Input               | 1× Dante® RJ45 (PoE); 1× USB-C (power only)   |
| Output              | 2× XLR OUT (balanced/unbalanced, 30cm male pigtail); 1× RESET button                                  |
| POWER & MECHANICAL  |   |
| Power Supply        | USB-C 5V/500mA   PoE IEEE 802.3af Class 0   1.25W max   |
| Dimensions / Weight | 115 × 40 × 28mm   173g   Plastic, Black   |
| Temperature         | Operating: 0°C–40°C   Storage: -20°C–60°C   |
| Humidity            | Operating: 20–80% RH   Storage: 10–90% RH   |



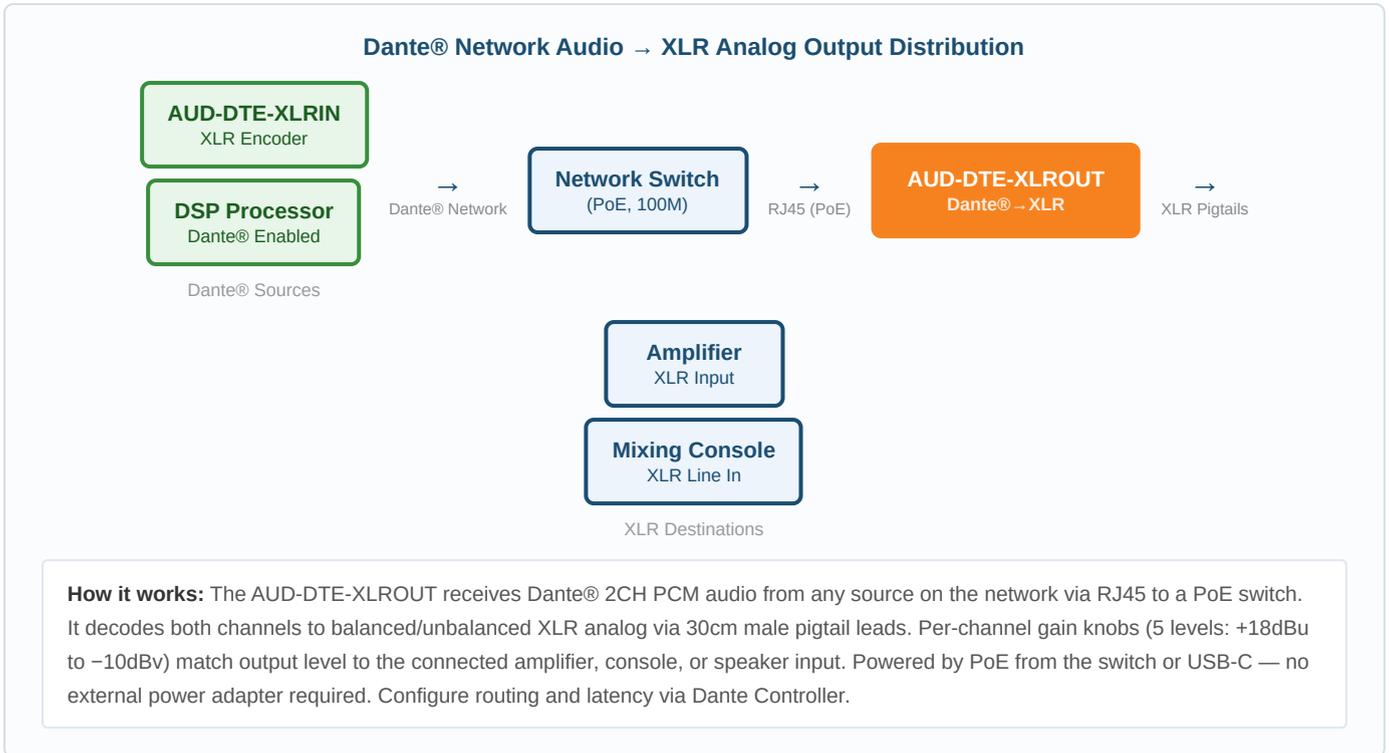
## 5. OPERATION CONTROLS AND FUNCTIONS



| NO. | NAME                         | FUNCTION DESCRIPTION   |
|-----|------------------------------|--|
| 1   | <b>DANTE Port (RJ45/PoE)</b> | Dante® digital audio input. Connect to PoE switch via CAT6/6A/7 (max 100m). Green LINK LED: always on. Yellow DATA LED: flashes on transmission. Provides PoE power to unit. |
| 2   | <b>POWER Port (USB-C)</b>    | USB-C 5V/500mA power input. Use when PoE is unavailable. No firmware update function on XLROUT model.  |
| 3   | <b>RESET Button</b>          | System reboot button. Device settings reset via Dante® Controller only.  |
| 4   | <b>CH1 Gain Knob</b>         | 5-level output gain for Channel 1: 1 → +18dBu, 2 → +4dBu, 3 → 0dBu, 4 → 0dBv, 5 → -10dBv. Set to match destination input sensitivity.  |
| 5   | <b>CH2 Gain Knob</b>         | 5-level output gain for Channel 2. Same levels as CH1. Adjust independently per destination.   |
| 6   | <b>CH1 XLR Plug</b>          | Balanced/unbalanced XLR analog audio output for Channel 1. 30cm pigtail lead, XLR male. Connect to amplifier, mixer, or speaker XLR input.                                   |
| 7   | <b>CH2 XLR Plug</b>          | Balanced/unbalanced XLR analog audio output for Channel 2. 30cm pigtail lead, XLR male.  |



6. APPLICATION EXAMPLE



TRADEMARKS

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