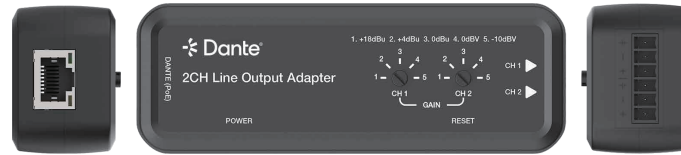


Dante® 2-Channel Line Output Adapter

2CH Dante-to-Analog Converter with 5-Level Gain Adjustment — PoE & USB-C Powered

MPN: AUD-DTE-LINEOUT



1 PRODUCT OVERVIEW

DESIGNED FOR

AV integrators, system designers, and audio engineers deploying Dante-based networked audio systems who need to connect analog amplifiers, powered speakers, or legacy audio equipment to the network.

THE CHALLENGE

Bridging the gap between modern Dante IP audio networks and the large installed base of analog audio equipment. Without dedicated Dante-to-analog adapters, integrators must use expensive multi-channel interfaces or abandon legacy gear entirely — increasing project cost and complexity.

THE KANEXPRO ADVANTAGE

5-level discrete gain adjustment covers all professional and consumer reference levels in one device. Balanced AND unbalanced output on the same phoenix connector eliminates the need for separate adapters. Dual power (PoE + USB-C) ensures deployment flexibility. Superior audio specs (>100dB S/N, <0.01% THD) exceed lower-cost competitors.

2 PRODUCT POSITIONING

For AV integrators and system designers who need to bridge Dante digital audio networks to analog endpoint equipment, the KanexPro AUD-DTE-LINEOUT delivers studio-grade 2-channel balanced/unbalanced output in a compact, PoE-powered form factor with 5-level gain adjustment — enabling drop-in Dante-to-analog conversion at every zone endpoint without external power supplies or bulky breakout boxes.

3 APPLICATIONS

House of Worship

Feed Dante audio from a mixing console to legacy amplifiers and powered speakers in sanctuary, overflow, and fellowship hall zones.

Corporate / Conference

Deliver network audio to ceiling speakers and amplifiers across meeting rooms using existing PoE infrastructure.

Education / Campus

Distribute paging, background music, or lecture audio over Dante to classroom amplifiers across campus buildings.

Hospitality / Retail

Route background music from a central Dante source to zone amplifiers in restaurants, lobbies, and event spaces.

4 WHO THIS IS FOR

AV Integrators

System Designers

Audio Engineers

Facilities Managers

Consultants

Ideal User

Mid-level AV integrator or system designer specifying Dante audio endpoints for commercial installations

Project Types

Houses of Worship, Corporate AV, Education, Hospitality, Live Events, Broadcast

Typical Buyer

AV integration firm project manager, consulting engineer, or facilities AV manager

5 KANEXPRO PRODUCT COMPARISON

KanexPro offers a complete Dante audio adapter ecosystem. Choose the right output adapter for your installation:

MODEL	BEST FOR	KEY CAPABILITY	HOW IT DIFFERS
AUD-DTE-LINEOUT	Permanent installs	2CH balanced/unbalanced, 5-level gain, phoenix connector	Installation-grade phoenix output for fixed wiring
AUD-DTE-XLROUT	Live sound / portable	2CH balanced XLR, gain adjustment, XLR tails	XLR tails for direct plug into mixers and pro gear
AUD-DTE-2CHAMP	Direct speaker drive	150W Class D amplifier, DSP, Dante input	Built-in amplification — no external amp needed
AUD-DTE-LINEIN	Analog → Dante encode	2CH analog input, Ultimo 2x2, phoenix connector	Companion encoder — pair with LINEOUT for bidirectional

Choose LINEOUT for permanent installations with fixed wiring. Choose XLROUT for live sound and portable setups. Choose 2CHAMP when you need built-in amplification.

6 FREQUENTLY ASKED QUESTIONS

Q: How does this differ from the Audinate AVIO?

The LINEOUT offers 5-level gain adjustment (vs. 3 on AVIO), phoenix connectors for permanent installation (vs. XLR tails), USB-C backup power, and comparable audio quality at a competitive price point.

Q: Can I deploy multiple units across zones?

Yes. Deploy one LINEOUT per zone, each powered via PoE from a single managed switch. Dante Controller manages all routing centrally with no additional software.

Q: What if my amplifier expects -10dBV consumer level?

Set the gain knob to position 5 (-10dBV). The 5 discrete levels cover every standard reference level from consumer (-10dBV) to broadcast (+18dBu).

Q: Is PoE required?

No. The USB-C port provides 5V/500mA backup power when PoE is not available. This is useful during initial commissioning or in locations without PoE switches.