

Dante enabled 2-Channel Analog Audio Decoder with POE

Receive high-quality audio over a Dante network and output it as analog audio using a compact, PoE-powered decoder

MPN: AUD-DTE-DCODE



1 PRODUCT OVERVIEW

DESIGNED FOR

Installed sound contractors and AV integrators deploying Dante® audio into venues with installation-grade Phoenix wiring; system designers routing Dante® to fixed amplifier racks.

THE CHALLENGE

Delivering Dante® to installation-grade balanced analog endpoints requires rack-mount converters or adapters with pigtail cables unsuitable for permanent wiring.

THE KANEXPRO ADVANTAGE

Phoenix 6-pin screw-terminal output (not pigtails), fixed 3-position GAIN switch (set-and-forget), DC 12V + PoE dual power, Dante Ultimo 2x2 + AES67, metal enclosure, \$299.95.

2 PRODUCT POSITIONING

AUD-DTE-DCODE is the install-grade Dante® analog decoder for integrators who need clean balanced line output at the amplifier rack without a stagebox or rack-mount converter.

3 APPLICATIONS



Corporate AV / Conference

Decode Dante® network audio to balanced analog for in-room amplifiers or legacy DSPs — Phoenix connector fits directly into installation-grade terminal blocks.



House of Worship

Receive Dante® program audio and output balanced line level to FOH amplifier rack or monitor mix — 3-level gain switch matches any amp input sensitivity.



Installed Sound / Venues

Place at amp rack endpoints in multi-zone Dante® systems — Phoenix connector supports daisy-chain wiring to multiple amp channels without additional breakout boxes.



Broadcast / Production

Output Dante® audio to analog inputs on broadcast gear, IFB systems, or legacy consoles in hybrid IP/analog production environments.



Education / Lecture Hall

Deliver Dante® audio from campus backbone to local balanced amplifiers or hearing loop systems in classrooms and auditoriums.



Hospitality / Zoned Audio

Terminal at amplifier rack in Dante®-managed multi-zone music system — compact form factor fits inside equipment rooms with minimal rack space.

4 WHO THIS IS FOR

AV Integrators

Installed Sound

House of Worship

Corporate AV

Education

Hospitality

Ideal User

Installed sound integrator or AV systems designer specifying Dante® for permanent installations where Phoenix terminal-block wiring is standard practice.

Project Types

Houses of worship, corporate conference rooms, hospitality and multi-zone venues, K–12 and higher education, broadcast studios, installed sound in public spaces.

Typical Buyer

Installed sound integrator or AV systems designer; facilities AV manager at end-user institution.

5 KANEXPRO PRODUCT COMPARISON

AUD-DTE-DCODE is the install-grade analog decoder in the Dante® adapter lineup:

MODEL	BEST FOR	KEY CAPABILITY	HOW IT DIFFERS
AUD-DTE-DCODE	Dante® to Analog (Install)	Phoenix connector, 3-level gain switch, DC 12V + PoE	This product — install-grade wiring
AUD-DTE-XLROUT	Dante® to XLR Analog	XLR pigtail outputs, 5-level gain knob, PoE + USB-C	Use for XLR pigtail connections; flexible deployments
AUD-DTE-2CHAMP	Dante® + Amplifier	Dante® input + 2×75W Class-D amp + DSP	Use when amplification is needed at output endpoint
AUD-DTE-ECODE	Analog to Dante® (Encoder)	Phoenix connectors, DC 12V + PoE	Companion encoder — same Phoenix form factor

► Pair AUD-DTE-DCODE (decoder) with AUD-DTE-ECODE (encoder) for a complete balanced analog ↔ Dante® ↔ analog bridge using installation-grade Phoenix wiring.

6 FREQUENTLY ASKED QUESTIONS

What is a Phoenix connector and why use it?

A Phoenix connector (3.81mm screw-terminal plug) is the installation industry standard for permanent wiring — more reliable than pigtail cables and compatible with standard terminal blocks and conduit wiring.

How does the GAIN switch differ from a knob?

The 3-position dip switch provides fixed, repeatable gain settings that cannot drift — ideal for permanent installations where gain is set once during commissioning.

Can this be powered without PoE?

Yes — connect a regulated DC 12V supply via the included 2-pin Phoenix connector.

How does this compare to AUD-DTE-XLRROUT?

AUD-DTE-DCODE uses Phoenix screw-terminal connectors and a 3-level gain switch — best for permanent installs. AUD-DTE-XLRROUT uses XLR pigtails and 5-level knob — better for flexible deployments.

What is the pin-out of the 6-pin Phoenix connector?

Pins 1–3: CH1+ / CH1– / GND. Pins 4–6: CH2+ / CH2– / GND. Supports balanced (+/–) or unbalanced (+ and GND only) wiring.

Is AES67 supported?

Yes — configurable via Dante Controller for cross-vendor interoperability.

What pairs with this for a complete encode/decode solution?

Pair with AUD-DTE-ECODE (analog encoder, same Phoenix form factor) for a complete balanced analog ↔ Dante® ↔ analog bridge.