

Dante® Bluetooth Audio Input Adapter with APTX-LL & APTX-HD

Stream Any Bluetooth 5.1 Device into Your Dante® Network — No Analog Stage

MPN: AUD-DTE-BT



1 PRODUCT OVERVIEW

DESIGNED FOR

AV integrators enabling wireless BYOD audio in Dante® rooms; live sound engineers adding a Bluetooth input node to Dante® network snakes; hospitality AV designers building cable-free guest audio zones.

THE CHALLENGE

Dante® networks are wired by design, but presenters, performers, and guests use Bluetooth devices. Getting Bluetooth audio into a Dante® network without an analog conversion stage has required separate interfaces or adapters with inferior codec support.

THE KANEXPRO ADVANTAGE

Direct Bluetooth 5.1 to Dante® conversion with no analog stage. Full codec suite: SBC, AAC, APTX, APTX-LL (near-zero latency), APTX-HD (high-res). Dante Ultimo 2x2. PoE + USB-C. Front-panel PAIR button. \$249.95.

2 PRODUCT POSITIONING

AUD-DTE-BT is the wireless BYOD input node for integrators who need any Bluetooth device on the Dante® network without analog compromise or codec downgrade.

3 APPLICATIONS



House of Worship

Stream Bluetooth audio from performer's phone or tablet directly onto Dante® network for FOH, monitors, and recording — no cables, no analog stage.



Corporate / BYOD Rooms

Enable any guest device to stream wirelessly to the Dante® room audio ecosystem — APTX-LL ensures near-zero latency for conferencing and video playback.



Hospitality / Venues

Place at bar or reception area for background music from any Bluetooth source — feeds Dante®-managed multi-zone audio without DJ equipment or analog cable runs.



Rental / Live Events

Compact Bluetooth stage input node — performers stream playback tracks or backing audio to the Dante® network snake with APTX-HD quality.



Broadcast / Streaming

Accept Bluetooth audio feeds from talent or remote contributors directly into Dante® AoIP production network with AES67 interoperability.



Education / Classrooms

Allow instructors to stream from any device to the Dante® classroom audio system — driver-free, pair-and-play, no IT intervention required.

4 WHO THIS IS FOR

AV Integrators

Live Events

House of Worship

Hospitality

Corporate AV

Education

Ideal User

AV integrators enabling wireless BYOD audio in Dante® rooms; live sound engineers adding a Bluetooth input node to Dante® network snakes; hospitality AV designers building cable-free guest audio zones.

Project Types

Corporate conference rooms, houses of worship, hospitality and multi-zone venues, K–12 and higher education, broadcast studios, live events.

Typical Buyer

AV systems integrator or IT/AV director; independent broadcast or live sound engineer.

5 KANEXPRO PRODUCT COMPARISON

The AUD-DTE-BT is part of the KanexPro Dante® adapter family. Select the right adapter for each source type:

MODEL	BEST FOR	KEY CAPABILITY	HOW IT DIFFERS	
AVIO BT	Audinate	Bluetooth to Dante® 2CH	Limited codec support, no APTX-LL or APTX-HD	\$299
AUD-DTE-USB	KanexPro	USB-B to Dante® 2CH	Wired USB connection only; no Bluetooth	\$299
AUD-DTE-USBC	KanexPro	USB-C to Dante® 2CH	USB-C wired only; no wireless capability	\$249

► Pair AUD-DTE-BT (Bluetooth input) with AUD-DTE-XLRROUT or AUD-DTE-DCODE (analog output) for a complete wireless-to-analog Dante® bridge.

What Bluetooth codecs are supported?

SBC, AAC, APTX, APTX-LL (near-zero latency), and APTX-HD (high-resolution) — the broadest codec suite available in a Bluetooth-to-Dante® adapter.

How does pairing work?

Press the front-panel PAIR button to enter pairing mode. The STATUS LED indicates pairing and connection state. The device remembers the last paired source and auto-reconnects.

Is there an analog conversion stage?

No — Bluetooth audio is decoded and encoded directly to Dante® PCM without passing through an analog stage, preserving signal quality end-to-end.

What is APTX-LL and why does it matter?

APTX-LL (Low Latency) reduces Bluetooth audio latency to ~40ms, enabling near-real-time performance for live events and conferencing where lip-sync or monitor latency is critical.

Can it work without a PoE switch?

Yes — power via USB-C 5V/500mA when PoE is unavailable. The Dante® RJ45 connection functions normally.

What is the Bluetooth range?

Up to ~10m (33ft) typical for Class 2 Bluetooth. Range varies by environment and device. Suitable for single-room BYOD scenarios.

Is AES67 supported?

Yes — configurable via Dante Controller for cross-vendor AES67 routing.