

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



Dante® networks are wired by design — but the presenters, performers, and guests in your spaces aren't. The KanexPro AUD-DTE-BT bridges that gap without compromise: Bluetooth 5.1 audio from any smartphone, tablet, or laptop streams directly onto your Dante® network as clean 2-channel PCM digital audio — no analog conversion stage, no extra adapters, no signal degradation.

Built on the Dante® Ultimo 2x2 platform and fully managed via Dante® Controller, the AUD-DTE-BT supports APTX-LL (near-zero latency) and APTX-HD (high-resolution) alongside SBC, AAC, and APTX — broader codec coverage than standard BT-to-Dante adapters. PoE IEEE 802.3af Class 0 power via RJ45, USB-C backup, configurable latency 1/2/5ms, and API-lockable discoverable mode for multi-room deployments.

 BT 5.1 APTX-LL APTX-HD	 Dante® Ultimo 2x2 Platform	 PoE IEEE 802.3af Class 0	 No Analog All-Digital Signal Path	 API RS-232 via USB-C
--	--	--	---	--

KEY FEATURES

- Converts Bluetooth 5.1 audio directly to Dante® 2-channel digital audio — no analog conversion stage, no signal degradation end-to-end
- Full codec support: SBC, AAC, APTX, APTX-LL (near-zero latency), APTX-HD (high-resolution) — broader than standard BT-to-Dante adapters
- Bluetooth input accepts PCM 2CH 44.1K–192kHz / 16–24-bit — Dante® output delivers PCM 2CH 48kHz / 24-bit
- Built on Dante® Ultimo 2x2 platform — fully managed via Dante® Controller with configurable latency 1 / 2 / 5ms
- PoE IEEE 802.3af Class 0 powered via RJ45 — USB-C 5V/500mA backup power for non-PoE installations
- Front-panel PAIR button with STATUS LED — short press to pair, long press (5s) to clear and re-pair a new source device
- Bluetooth discoverable mode configurable via API (USB-C virtual RS-232) — lock to single trusted device for multi-room deployments
- Compact plastic enclosure, 115x40x28mm, 93g — installs anywhere with included hook & loop mounting

SPECIFICATIONS

Bluetooth	V5.1 • SBC / AAC / APTX / APTX-LL / APTX-HD
BT Input	PCM 2CH • 44.1K–192kHz • 16/24-bit
Dante® Output	PCM 2CH • 48kHz • 16/24-bit
Latency	1 / 2 / 5ms (Dante® Controller)
Freq. Response	20Hz – 20kHz (±0dB)
SNR / Dyn. Range	>100dB @ 2Vrms, 1kHz A-wtd
THD+N	<0.01% @ 0dBV, 1kHz
Network	100Mbps • 100m / 328ft (CAT6/6A/7)
Power	PoE IEEE 802.3af Class 0 or USB-C 5V/500mA • 0.65W max
ESD Protection	IEC 61000-4-2 • ±8kV air-gap • ±4kV contact
Enclosure	Plastic • Black • 115x40x28mm • 93g
Temperature	0–40°C (operating) • –20–60°C (storage)

PACKAGE CONTENTS

1x Dante® 2CH Bluetooth Input Adapter • 2x Hook & Loop • 1x User Manual

