

HDMI to Dante® 2CH Network Audio Encoder

Convert Any HDMI Source into a Dante/AES67 Network — No Analog Stage, No Signal Loss

MPN: AUD-DTE-HDMI



1 PRODUCT OVERVIEW

DESIGNED FOR

AV integrators routing HDMI source audio into Dante® infrastructure; broadcast engineers feeding HDMI camera or playback audio into Dante® production networks; corporate AV designers simplifying laptop-to-room audio without separate audio cables.

THE CHALLENGE

Routing HDMI-embedded audio onto a Dante® network traditionally requires chaining an HDMI audio extractor into an analog Dante® encoder — two devices, analog conversion loss, and extra cabling. A single compact HDMI-to-Dante® encoder has been the missing link.

THE KANEXPRO ADVANTAGE

HDMI 2.0b input direct to Dante® — fully digital, zero analog stage. HDCP 2.3. HDMI input at up to 192kHz/24-bit. Dante® output at 44.1/48/88.2/96kHz. SNR >130dB. EDID management. PoE + USB-C. \$249.95.

2 PRODUCT POSITIONING

AUD-DTE-HDMI is the single-device HDMI-to-Dante® encoder for integrators who need any HDMI source on the Dante® network without an analog stage, a second device, or extra cabling.

3 APPLICATIONS



Laptop / PC Presentation

Connect presenter laptop HDMI output to Dante® network — audio routes to room speakers and recording system simultaneously, no separate audio cable required.



Camera / Video Production

Route HDMI camera audio (timecode, program audio, IFB return) directly onto Dante® AoIP production network with zero analog conversion loss.



Broadcast / Live Streaming

Feed HDMI source audio (set-top box, player, graphics system) into Dante® infrastructure for broadcast mixing or live stream playout.



House of Worship

Route HDMI sermon recording device or media playback audio onto Dante® network for FOH, monitor mix, and web stream simultaneously.



Corporate Conference

Embed HDMI laptop audio into Dante® room system without separate audio breakout — single cable from laptop to switch, EDID managed for clean PCM 2CH.



Installed Sound / AV Racks

Permanent AV rack node for any HDMI source to Dante® — HDCP 2.3 compliant, PoE powered, compact 115×40×28mm for tight rack-room installs.

4 WHO THIS IS FOR

AV Integrators

Broadcast

Corporate AV

House of Worship

Live Events

Installed Sound

Ideal User

AV integrators routing HDMI source audio into Dante® infrastructure; broadcast engineers feeding HDMI camera or playback audio into Dante® production networks; corporate AV designers simplifying laptop-to-room audio without separate audio cables.

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-HDMI 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 HDMI	Audinate	HDMI audio to Dante® 2CH	Lower SNR spec, limited EDID management	\$299
HDMI Extractor + AVIO	Various	HDMI de-embed + Dante® encode	2-device chain, analog conversion stage, higher cost	\$350+
AUD-DTE-USB	KanexPro	USB audio to Dante®	USB-B only; no HDMI input; for computer USB audio	\$299

► Pair AUD-DTE-HDMI (HDMI encoder) with AUD-DTE-XLRROUT or AUD-DTE-DCODE (analog output) for a complete HDMI → Dante® → analog signal chain.

6 FREQUENTLY ASKED QUESTIONS

Does this support HDCP-protected content?

Yes — HDCP 2.3 compliant. HDCP-protected HDMI sources are accepted. Note: only the PCM audio stream is extracted and transmitted to Dante®; video is not processed.

What audio formats are accepted from the HDMI input?

PCM 2-channel audio from any HDMI source at 32kHz–192kHz / 24-bit. Dolby/DTS bitstream formats are not passed — the source must output PCM 2CH.

What is EDID management and why does it matter?

EDID tells the HDMI source what audio format to output. AUD-DTE-HDMI offers Internal (4K60/PCM 2CH), User Defined 1, and User Defined 2 EDID modes to ensure the source always outputs compatible PCM 2CH audio.

What is the SNR advantage vs other adapters?

>130dB SNR — significantly higher than typical adapters (>100dB) because the signal stays fully digital from HDMI source to Dante® output with no analog conversion stage.

Can it work without a PoE switch?

Yes — power via USB-C 5V when PoE is unavailable.

Is AES67 supported?

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

What is the recommended Dante® latency setting?

1ms for lip-sync-critical presentations; 5ms for network stability priority. Configure via Dante Controller.