HDMI ARC to Dante Adapter, 2 Channel, PoE

TV Sound onto Your Dante® Network as a Stereo Pair

MPN: AUD-DTE-ARC



Puts the audio a display plays or receives onto the Dante network, straight from the TV's HDMI ARC port. That covers the display's own apps and any streaming stick or set-top box plugged into the TV. The AUD-DTE-ARC takes two-channel PCM from the display's ARC output and converts it to two channels of Dante digital audio in the digital domain, with no analog stage in between. The adapter measures 4.53 × 1.57 × 1.10 in and draws 0.85W. It runs from a single PoE drop (IEEE 802.3af, Class 0) or a local USB-C 5V supply, and mounts behind the screen with the supplied hook & loop fasteners, one adapter per display. It is the right choice for bars, meeting rooms, classrooms, function rooms and media rooms where the display is the source, and where one cable per screen and a direct digital path matter more than an audio extractor, an analog adapter or a full AV-over-IP encoder.

The adapter accepts ARC audio from 32kHz to 192kHz at 16 or 24-bit. It provides Dante 2-channel output with AES67 at 44.1, 48, 88.2 or 96kHz, and device latency can be set to 1, 2 or 5ms. Routing and latency are set in Dante Controller alongside the rest of the system. The USB-C port also gives a serial command interface for status, ARC re-trigger and firmware updates, and a green ARC LED confirms active audio at the display. Its strongest differentiator is where it takes audio from: it captures what the display returns, so audio that never passes through a source rack still reaches the Dante DSP or amplifier.

Digital Path	One Cable	AES67 Ready	Flexible Latency	Easy Control
ARC audio to Dante with no analog stage	PoE carries audio and power	Dante 2CH output with AES67	1, 2 or 5ms in Dante Controller	USB-C serial API for status and ARC re-trigger

KEY FEATURES

- Converts 2-channel HDMI ARC audio from a display to Dante digital audio
- ARC input: PCM 2CH, 32kHz to 192kHz, 16/24-bit
- Dante 2CH output with AES67 at 44.1, 48, 88.2 and 96kHz
- Digital-domain sample-rate conversion, no analog stage
- Dante device latency set to 1, 2 or 5ms in Dante Controller
- Powered by PoE (802.3af, Class 0) or USB-C 5V/500mA; 0.85W max
- Up to 328ft (100m) from the switch over CAT6/6A/7
- USB-C serial API (115200 baud) for status, ARC re-trigger and firmware updates

SPECIFICATIONS

Input	2-channel HDMI ARC audio
Output	Dante 2CH digital audio, AES67 supported
ARC Input Format	PCM 2CH, 32-192kHz, 16/24-bit
Dante Output Format	PCM 2CH, 44.1/48/88.2/96kHz, 16/24-bit
Dante Device Latency	1, 2 or 5ms (Dante Controller)
Audio Output Delay	<1ms
Frequency Response	20Hz-20kHz (+/-0dB)
Dynamic Range / S/N	>130dB (0dBu, 1kHz, A-weighted)
THD+N	<0.01% @ +4dBu, 1kHz
Connections	1x HDMI Type A ARC IN, 1x RJ45 DANTE (PoE), 1x USB-C POWER
Dimensions (W x D x H)	4.53 x 1.57 x 1.10 in (115 x 40 x 28 mm)
Weight	0.19 lbs (87 g)
Package Contents	1x AUD-DTE-ARC Dante 2CH ARC Input Adapter • 2x Hook & loop fastener