

Dante Adapters

User Manual



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DAN-2X2UAC / DAN-A0XM2 / DAN-AIXF2

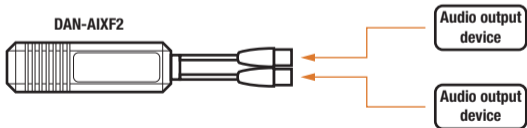


Thank you for choosing Kopul.

The Kopul Dante Adapters let you connect analog and digital gear to your existing Dante network. The adapters are instantly recognized by the Dante network and expand it to include legacy audio gear as well as computers, laptops, and smartphones. They're road-ready and made to deliver bit-perfect audio reproduction with very low latency and sample-accurate synchronization across your network. These plug-and-play adapters support Dante Audio over IP and AES67 RTP transport formats, and they're compatible with Dante Domain Manager.

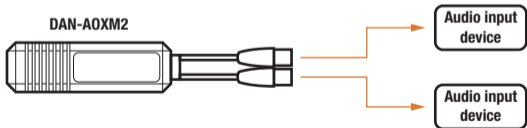
DAN-AIXF2

The DAN-AIXF2 features two female XLR connectors and is ideal for connecting output devices like analog mixers, DI boxes, keyboard instruments, and other audio outboard gear to your Dante network.



DAN-AOXM2

The DAN-AOXM2 Analog Output Adapter features two male XLR connectors and allows you to connect analog gear like power amplifiers, powered speakers, and analog compressors and equalizers to your Dante network.

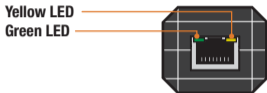


DAN-2X2UAC

The DAN-2X2UAC lets you connect any computer, laptop, tablet, or smartphone to the Dante network with 2x2 channels of bidirectional audio. Use this adapter with any DAW to play into and record from your Dante network without any additional software. It's also ideal for audio applications like conferencing software with network-connected speakers, microphones, and mixers.



LED Indicators



The LEDs on the adapter's ethernet port indicate the following status:

Function	Yellow LED	Green LED
Power On	Steady	–
Data Traffic	Flashing	–
System Ready	–	Steady
Identify (Dante Controller function)	–	Flashing
Upgrade (bootloader)	–	Flashing

Specifications

DAN-AIXF2, DAN-AOXM2

Maximum Signal Level (Balanced)	DAN-AIXF2: +24 dBu DAN-AOXM2: +18 dBu
Output Gain	DAN-AOXM2: -6 dBu
Frequency Response	20 Hz to 20 kHz (± 0.5 dB)
Impedance	DAN-AIXF2 (Input): 20 k Ω (balanced), 10 k Ω (unbalanced) DAN-AOXM2 (Output): 150 Ω (balanced), 75 Ω (unbalanced)
Dynamic Range	>100 dB
Signal-to-Noise Ratio	>100 dB

Total Harmonic Distortion	<0.01% at +4 dBu
Connectors	RJ45 DAN-AIXF2: XLR-F (x2) DAN-AOXM2: XLR-M (x2)
Power	802.3af PoE
Power Consumption	DAN-AIXF2: 3.15 W (max) DAN-AOXM2: 2.6 W (max)
Sample Rates	44.1, 48, 96 kHz
Bit Depth	24-bit
Latency	1, 2, or 5 ms (configurable with Dante Controller)
Network Transport Protocol	Dante Audio over IP / AES67 RTP

Construction	ABS
Dimensions	4.5 × 1.1 × 1.1 in. (11.4 × 2.8 × 2.8 cm)
Cable Length	9 in. (22.9 cm)
Weight	5.6 oz. (159 g)

DAN-2X2UAC

Audio Channels	2 Inputs, 2 Outputs
Connectors	1 × RJ45 Female, 1 × USB Type-C Female
USB	USB 2.0
Sample Rate	48 kHz
Bit Depth	24-bit

Latency	1, 2, or 5 ms (configurable with Dante Controller)
Network Transport Protocol	Dante Audio over IP, AES67 RTP
Power Requirement	802.3af PoE or USB
Enclosure Material	ABS
Dimensions (L x W x H)	4.5 x 1.1 x 1.1 in. (11.4 x 2.8 x 2.8 cm)
Included Cable	USB Standard-A to USB Type-C USB Type-C to USB Type-C
Cable Length	7 in. (17.8 cm)
Weight	2.3 oz. (65 g)

One-Year Limited Warranty

This KOPUL product is warranted to the original purchaser to be free from defects in materials and workmanship under normal consumer use for a period of one (1) year from the original purchase date or thirty (30) days after replacement, whichever occurs later. The warranty provider's responsibility with respect to this limited warranty shall be limited solely to repair or replacement, at the provider's discretion, of any product that fails during normal use of this product in its intended manner and in its intended environment. Inoperability of the product or part(s) shall be determined by the warranty provider. If the product has been discontinued, the warranty provider reserves the right to replace it with a model of equivalent quality and function.

This warranty does not cover damage or defect caused by misuse, neglect, accident, alteration, abuse, improper installation or maintenance. EXCEPT AS PROVIDED HEREIN, THE WARRANTY PROVIDER MAKES NEITHER ANY EXPRESS WARRANTIES NOR ANY IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A

PARTICULAR PURPOSE. This warranty provides you with specific legal rights, and you may also have additional rights that vary from state to state.

To obtain warranty coverage, contact the Kopul Customer Service Department to obtain a return merchandise authorization ("RMA") number, and return the defective product to Kopul along with the RMA number and proof of purchase. Shipment of the defective product is at the purchaser's own risk and expense.

For more information or to arrange service, visit www.kopulcables.com or call Customer Service at 212-594-2353. Product warranty provided by the Gradus Group. www.gradusgroup.com

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