

IP-AUD SERIES | DANTE AUDIO INTERFACES

Connect Anything to Dante.

Bridge analogue, XLR and USB-C audio into professional Dante networks with a compact range of purpose-built 2-channel interfaces. Simple signal conversion, flexible power options and standard Dante Controller routing make IP-AUD easy to deploy across commercial AV systems.

Series Highlights

- 2-channel audio interfaces
- PoE on every model
- Up to 100m network transport
- Phoenix, XLR and USB-C options
- Up to 24-bit / 96kHz Dante audio
- Local power option on every model
- Dante Controller configuration
- Compact installation format

CHOOSE YOUR CONNECTION

Five Interfaces. One Dante Network.

Select the local audio connection and signal direction required for the application.

2CH → DANTE

IP-AUD-2CH-DNT-10

Two-channel balanced / unbalanced Phoenix line input to Dante.

TX · POE / 12V

DANTE → 2CH

IP-AUD-DNT-2CH-10

Dante to two-channel balanced / unbalanced Phoenix line output.

RX · POE / 12V

XLR → DANTE

IP-AUD-XLR-DNT-10

Two-channel balanced / unbalanced XLR input to Dante.

TX · POE / USB-C

DANTE → XLR

IP-AUD-DNT-XLR-10

Dante to two-channel balanced / unbalanced XLR output.

RX · POE / USB-C

USB-C ⇄ DANTE

IP-AUD-USBC-DNT-10

Bidirectional USB-C audio interface for playback, recording and conferencing.

TX + RX · POE / USB-C

IP-AUD SERIES

The Right Interface for Every Connection

Five compact Dante audio interfaces designed to bridge analogue, XLR and USB audio with professional networked systems.

ANALOGUE AUDIO INPUT

Analogue Audio → Dante

IP-AUD-2CH-DNT-10



Bring two channels of balanced or unbalanced line-level analogue audio onto a Dante network from mixers, DSPs, media players and other professional AV equipment.

2 × Analogue Input	Dante Transmitter	3-Level Gain	Dual Power
Balanced / unbalanced Phoenix	2-channel network output	+18dBu / 0dBu / -10dBV	PoE or 12V DC

24-BIT / 96KHZ · DANTE · AES67 · 100M CAT6/6A

ANALOGUE AUDIO OUTPUT

Dante → Analogue Audio

IP-AUD-DNT-2CH-10



Take two channels from the Dante network and deliver them as balanced or unbalanced line-level analogue audio to amplifiers, DSPs and other installed audio equipment.

Dante Receiver	2 × Analogue Output	3-Level Gain	Dual Power
2-channel network input	Balanced / unbalanced Phoenix	+18dBu / 0dBu / -10dBV	PoE or 12V DC

24-BIT / 96KHZ · DANTE · AES67 · 100M CAT6/6A

PROFESSIONAL XLR INPUT

XLR Audio → Dante

IP-AUD-XLR-DNT-10



Connect two channels of balanced or unbalanced XLR analogue audio directly to a Dante network using a compact local interface.

2 × XLR Input	Dante Transmitter	5-Level Sensitivity	Dual Power
Balanced / unbalanced	2-channel network output	+24 / +4 / 0dBu / 0 / -10dBV	PoE or USB-C

24-BIT / 96KHZ · 1 / 2 / 5MS LATENCY · 100M CAT6/6A/7

PROFESSIONAL XLR OUTPUT

Dante → XLR Audio

IP-AUD-DNT-XLR-10



Convert Dante network audio into two channels of balanced or unbalanced XLR audio for amplifiers, DSPs and professional installed audio equipment.

Dante Receiver	2 × XLR Output	5-Level Gain	Dual Power
2-channel network input	Balanced / unbalanced	+18 / +4 / 0dBu / 0 / -10dBV	PoE or USB-C

24-BIT / 96KHZ · 1 / 2 / 5MS LATENCY · 100M CAT6/6A/7

BIDIRECTIONAL USB AUDIO

USB-C ⇄ Dante

IP-AUD-USBC-DNT-10



Connect computers and USB audio applications to the Dante network for bidirectional playback, recording and conferencing applications.

USB-C Audio I/O	Dante Tx + Rx	USB Audio	Dual Power
Bidirectional 2-channel interface	Two-way Dante network audio	USB → Dante up to 96kHz Dante → USB up to 192kHz	PoE or USB-C

UAC 1.0 / 2.0 · 44.1 / 48 / 88.2 / 96KHZ · UP TO 192KHZ USB

PRODUCT COMPARISON

Compare the Range

Compare signal direction, connection type, Dante audio capability and power options across the IP-AUD family.

MODEL	CONNECTION	DANTE ROLE	LOCAL AUDIO	DANTE AUDIO	GAIN / SENSITIVITY	POWER	DISTANCE
IP-AUD-2CH-DNT-10	2CH → Dante	Transmitter	2CH balanced / unbalanced Phoenix input	44.1 / 48 / 96kHz Up to 24-bit	+18dBu / 0dBu / -10dBV	PoE / 12V DC	100m CAT6/6A
IP-AUD-DNT-2CH-10	Dante → 2CH	Receiver	2CH balanced / unbalanced Phoenix output	44.1 / 48 / 96kHz Up to 24-bit	+18dBu / 0dBu / -10dBV	PoE / 12V DC	100m CAT6/6A
IP-AUD-XLR-DNT-10	XLR → Dante	Transmitter	2 × balanced / unbalanced XLR input	44.1 / 48 / 88.2 / 96kHz 16 / 24-bit	+24 / +4 / 0dBu / 0 / -10dBV	PoE / USB-C	100m CAT6/6A/7
IP-AUD-DNT-XLR-10	Dante → XLR	Receiver	2 × balanced / unbalanced XLR output	44.1 / 48 / 88.2 / 96kHz 16 / 24-bit	+18 / +4 / 0dBu / 0 / -10dBV	PoE / USB-C	100m CAT6/6A/7
IP-AUD-USBC-DNT-10	USB-C ⇄ Dante	Tx / Rx	USB-C Audio I/O	Dante 44.1 / 48 / 88.2 / 96kHz USB → Dante up to 96kHz Dante → USB up to 192kHz	None	PoE / USB-C	100m CAT6/6A/7

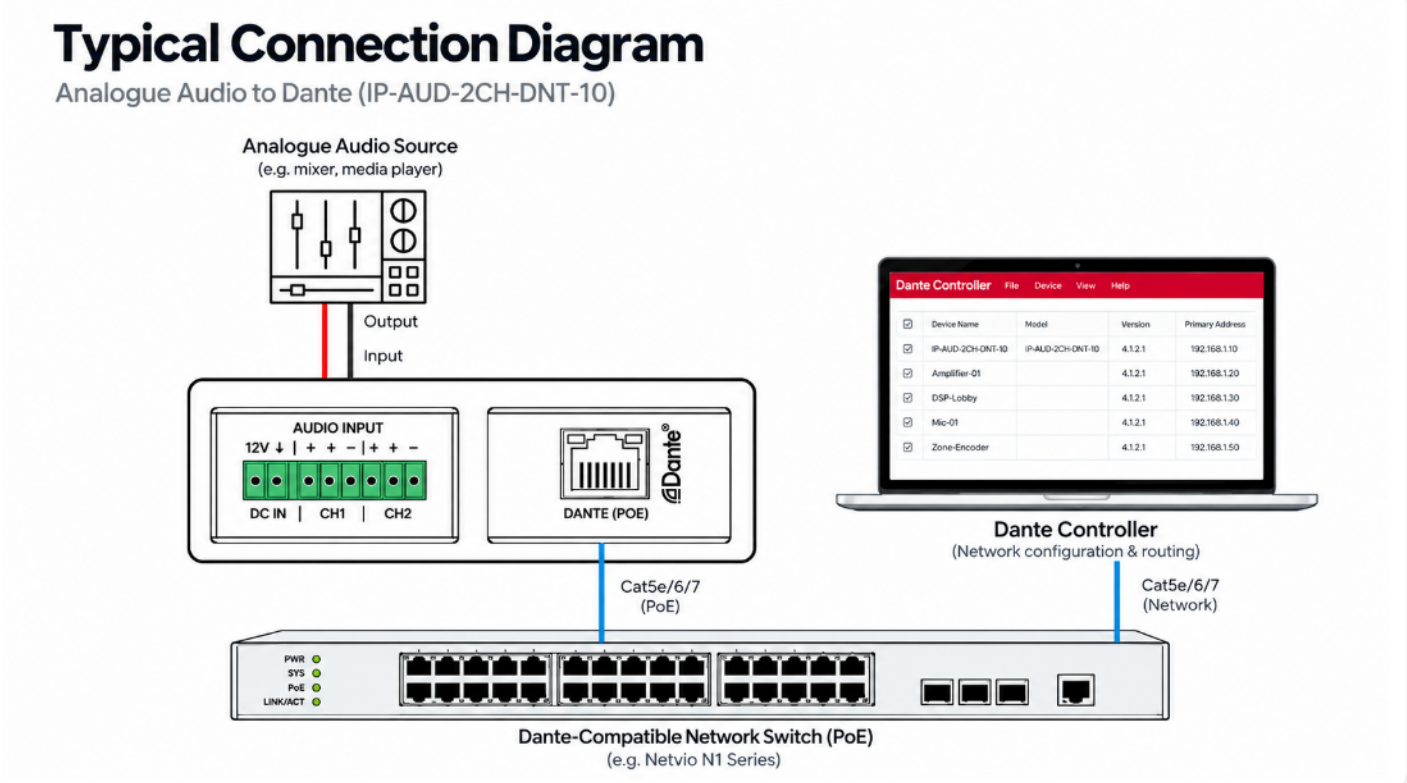
Network Compatibility

Use with appropriately configured Dante-compatible network infrastructure. IP-AUD interfaces are compatible with Netvio IP-SW-N Series networking. They are not intended for use with the pre-configured IP-SW-24P-10 or IP-SW-48P-10 AVoIP switches.

TYPICAL CONNECTION

Analogue Audio to Dante

A typical IP-AUD-2CH-DNT-10 installation showing the analogue source, PoE network connection and Dante Controller on the same network.



TECHNICAL SPECIFICATIONS

Detailed Specifications

Expanded technical information for the IP-AUD Phoenix and XLR interfaces.

Phoenix Analogue Interfaces

IP-AUD-2CH-DNT-10 / IP-AUD-DNT-2CH-10

SPECIFICATION	2CH → DANTE	DANTE → 2CH
Function	2-channel analogue line-level input to Dante	Dante to 2-channel analogue line-level output
Analogue Connection	2CH balanced / unbalanced Phoenix input	2CH balanced / unbalanced Phoenix output
Sample Rates / Bit Depth	44.1 / 48 / 96kHz, 24-bit	44.1 / 48 / 96kHz, 24-bit
Gain	3-step input gain: +18dBu / 0dBu / -10dBV	3-step output gain: +18dBu / 0dBu / -10dBV
Network Interface	100M Ethernet	100M Ethernet
Network Transport	Up to 100m over CAT6 / CAT6A	Up to 100m over CAT6 / CAT6A
Power	IEEE 802.3af PoE Class 0 or 12V DC	IEEE 802.3af PoE Class 0 or 12V DC
Power Consumption	1.2W	1.32W
AES67	AES67 RTP audio transmission supported	AES67 RTP audio transmission supported
Dimensions / Weight	120 × 47 × 26mm / 186g	120 × 47 × 26mm / 186g
Enclosure	Metal	Metal
Operating Temperature	0 to 40°C	0 to 40°C
Storage Temperature	-20 to 60°C	-20 to 60°C
Humidity	20-90% RH, non-condensing	20-90% RH, non-condensing
Configuration	Dante Controller	Dante Controller

XLR Interfaces

IP-AUD-XLR-DNT-10 / IP-AUD-DNT-XLR-10

SPECIFICATION	XLR → DANTE	DANTE → XLR
Function	2-channel XLR analogue input to Dante	Dante to 2-channel XLR analogue output
XLR Connection	2 × female XLR, 30cm cables	2 × male XLR, 30cm cables
Analogue Format	Balanced / unbalanced input	Balanced / unbalanced output
Sample Rates / Bit Depth	44.1 / 48 / 88.2 / 96kHz, 16 / 24-bit	44.1 / 48 / 88.2 / 96kHz, 16 / 24-bit
Dante Latency	1 / 2 / 5ms selectable	1 / 2 / 5ms selectable
Gain / Sensitivity	+24dBu / +4dBu / 0dBu / 0dBV / -10dBV	+18dBu / +4dBu / 0dBu / 0dBV / -10dBV
Maximum Analogue Level	+24dBu balanced / +18dBu unbalanced	+18dBu balanced / +12dBu unbalanced
Impedance	20kΩ balanced / 10kΩ unbalanced	600Ω balanced / 300Ω unbalanced
Frequency Response	20Hz-20kHz ±0.5dB	20Hz-20kHz ±0.5dB
S/N / Dynamic Range	>100dB / >100dB	>100dB / >100dB
THD+N	<0.01% @ +4dBu, 1kHz	<0.01% @ +4dBu, 1kHz
Power	PoE or USB-C 5V / 500mA	PoE or USB-C 5V / 500mA
Maximum Power	2W	1.25W
Dimensions / Weight	115 × 40 × 28mm / 173g	115 × 40 × 28mm / 173g

TECHNICAL SPECIFICATIONS

USB-C & System Specifications

Detailed USB-C audio capability, environmental information and network deployment guidance.

USB-C Bidirectional Interface

IP-AUD-USBC-DNT-10

SPECIFICATION	DETAIL
Function	Bidirectional 2-channel USB-C audio ⇄ Dante interface
Dante Platform	Dante Ultimo 2 × 2
USB Audio Class	UAC 1.0 / UAC 2.0
Dante Audio	PCM 2CH, 44.1 / 48 / 88.2 / 96kHz, 16 / 24-bit
USB → Dante	Up to 96kHz / 24-bit
Dante → USB	Up to 192kHz / 24-bit
Dante Latency	1 / 2 / 5ms selectable
Network Interface	100M Ethernet
Network Transport	Up to 100m over CAT6 / CAT6A / CAT7
Power	PoE Class 0 or USB 5V / 500mA
Maximum Power	1.65W
Connections	Dante RJ45 I/O + PoE; USB-C audio I/O; POWER USB-C for power / firmware; reset
Dimensions / Weight	115 × 40 × 28mm / 94g
Enclosure	Plastic
Operating Temperature	0 to 40°C
Storage Temperature	-20 to 60°C
Humidity	20-80% operating / 10-90% storage, non-condensing
ESD	IEC 61000-4-2: ±8kV air / ±4kV contact
Configuration	Dante Controller

Network Compatibility

Use with appropriately configured Dante-compatible network infrastructure. IP-AUD interfaces are compatible with Netvio IP-SW-N Series networking. They are not intended for use with the pre-configured IP-SW-24P-10 or IP-SW-48P-10 AVoIP switches.

Specification note: AES67 RTP support is explicitly documented for the Phoenix 2CH transmitter and receiver models. AES67 is therefore not presented here as a family-wide specification for the XLR or USB-C interfaces.

M&E SPECIFICATION

IP-AUD Series Dante Audio Interfaces

The audio interface shall provide 2-channel connectivity between local analogue or USB-C audio equipment and a Dante audio network. Models shall be available for balanced/unbalanced XLR input or output, Phoenix analogue input or output, and bidirectional USB-C audio. The interface shall support up to 24-bit / 96kHz Dante network audio, with model-dependent gain or sensitivity adjustment. USB-C models shall support UAC 1.0/2.0 and Dante-to-USB audio up to 192kHz/24-bit. Network connectivity shall be via 100Mbps Ethernet with PoE support and local USB-C or 12V DC power depending on model. Discovery, configuration and audio routing shall be performed using Audinate Dante Controller. The specified product shall be a Netvio IP-AUD Series Dante Audio Interface, selected according to the required local audio connection and signal direction.

5-YEAR WARRANTY

Product Warranty

Netvio IP-AUD Series hardware is covered by a 5-year product warranty, subject to Netvio's published Warranty Policy and applicable terms, conditions and exclusions.

www.netvio.io

Specifications are based on current product documentation and may be subject to change. Dante is a trademark of Audinate Pty Ltd.