



 **Dante**[®]

**Dante
AVIO™ Adapters
Catalogue.**

About MadisonAV.

MadisonAV is an Australian owned and operated business that innovates, distributes and supports a range of high-quality AV product solutions from globally recognised brands.



Innovate.

We bring together detailed knowledge of AV industry best practice and innovative products from global technology partners.

Our experience supporting AV and broadcast solutions across key market sectors is underpinned by 30 years of insights and customer understanding.

Distribute.

We efficiently connect customers with leading, state of the art solutions through our sales, warehouse and distribution networks across Australia. Our heavy investment in stock ensures we have what you need, when you need it.



Support.

Our dedicated team provide a successful formula for delivering innovation, agility and practicality for any complex AV project challenges. From specification assistance, design support, or post sale technical support, our team is right behind you.

About Dante AVIO™ Adapters.

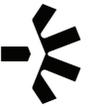
Audinate is the creator of Dante, the leading audio networking technology used globally by AV professionals. Audinate's Dante platform distributes digital audio signals over computer networks and is designed to bring the benefits of IT networking to the professional AV industry. It is the industry standard for professional audio networking. Using Dante-enabled products ensures interoperability between audio devices and allows end users to enjoy high-quality, flexible solutions—typically with a lower total cost of ownership.

Dante AVIO™ Adapters let you use your favourite legacy audio gear with any Dante-connected system, delivering the interoperability, performance and scalability only networking can bring. Cost-effective, compact and built for the road, Dante AVIO™ adapters bring the modern connectivity that every audio pro needs in their toolbox.



Contact Us.

For more information on the range of Dante AVIO™ Adapter Solutions for your next project visit us at www.madisonav.com.au or call on 1800 00 77 80.



Analog Input Adapter 1 Channel
Product Code: AUD-ADP-DAI-AU-1X0



Analog Input Adapter 2 Channel
Product Code: AUD-ADP-DAI-AU-2X0



Analog Output Adapter 1 Channel
Product Code: AUD-ADP-DAO-AU-0X1



Analog Output Adapter 2 Channel
Product Code: AUD-ADP-DAO-AU-0X2



Network all your analog audio gear easily and cost - effectively with Dante AVIO

 Plug and play operation

 Built for the road

 Sample rates up to 96 kHz

 16, 24, and 32 bit audio support

 Excellent dynamic range, SNR and THD performance

 Configurable gain/attenuation

Network Everything

Dante AVIO Analog Adapters let you use your favorite analog audio gear with any Dante-connected system, delivering the interoperability, performance and scalability that only networking can bring. Cost effective, compact and built for the road, Dante AVIO adapters bring the modern network connectivity that every audio pro needs in their toolbox.

 Dante Audio over IP and ASE67 RTP transport formats

 Power over Ethernet (PoE) support

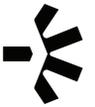
 Dante Domain Manager ready

Dante AVIO analog adapters are available as input or output versions in 1- or 2-channel configurations.

Plug & Play

Each Dante AVIO analog adapter is a complete, high performance Dante device, delivering all the automation and ease of use that have made Dante the most popular audio networking solution worldwide.

Dante AVIO analog adapters are automatically discovered and ready to use when connected, and no separate power supplies are required – just use a common PoE (Power over Ethernet) switch and Dante AVIO analog adapters are ready to go.



Built for the road

We've made Dante AVIO analog adapters road-ready and tour-tough. Sonically welded ABS enclosures and quality hardware are used throughout, while cable assemblies are stress-tested to ensure reliable operation under grueling conditions. Toss them in your toolbox, show after show.

All Dante

Dante AVIO adapters are all fully functional Dante interfaces, with all the features you'd expect from Dante audio networking. Each one delivers bit-perfect

audio reproduction, super-low latency and sample accurate synchronization across the entire network. All Dante devices automatically discover one another, and the entire system is managed by our easy-to-use Dante Controller software on any connected PC or Mac. Most importantly, every Dante device can connect to every other Dante device – no questions asked.

All Dante AVIO adapters are fully compatible with Dante Domain Manager (DDM) for IT-level security and management, while AES67 is supported for connection to non-Dante networks.

Cost-effective

We've worked hard to make the Dante AVIO family of products a cost-effective addition to any system or piece of gear, so that everyone can enjoy the benefits of Dante Audio networking has never been easier to or more affordable, no matter how you choose to use it.

Use cases

Analog Input

- Connect legacy mixers and consoles to a Dante network.
- Patch favorite DSPs, analog compressors and equalizers into a Dante system using a combination of Input and Output adapters.
- Connect stage DI boxes and keyboard instruments directly to a Dante network.
- Connect your wireless mic receiver to a Dante network.

Analog Output

- Connect analog powered speakers to your Dante audio network.
- Send audio to analog power amplifiers over a Dante audio network.
- Create easy drop-points for connecting cry rooms and overflow areas to a Dante network.
- Connect non-networked hearing aid loop amplifiers.
- Send audio from Dante network to analog in-ear monitor (IEM) transmitters

Specifications

Analog Input

Max signal level (balanced)
+24dBu / +4dBu / 0dBu 0dBV / -10dBV

Frequency Response
20Hz to 20kHz (-/+0.5dB)

Impedance
20k Ohm balanced
10k Ohm unbalanced

Dynamic Range: >100dB

Signal to Noise Ratio: >100

Total Harmonic Distortion: <0.01 at +4dBu

Connectors: RJ45 & XLR-F

Power: Class1 802.3af PoE

Power Consumption: <2 watts

Sample Rates: 44.1 48, 96 kHz

Bit depth: 24

Dante Device Latency
1, 2, or 5ms (configurable using Dante Controller)

Network Transport
Dante Audio over IP, AES67 RTP

Operating Temp: -10 to +50C

Storage Temp: -25 to +70C

Part Number
AVIO Analog in, 1 ch: Part# ADP-DAI-AU-1x0
AVIO Analog in, 2ch: Part# ADP-DAI-AU-2x0

Analog Output

Max signal level (balanced)
+18dBu / +4dBu / 0dBu 0dBV / -10dBV

Frequency Response
20Hz to 20kHz (-/+0.5dB)

Impedance
150k Ohm balanced
75k Ohm unbalanced

Dynamic Range: >100dB

Signal to Noise Ratio: >100

Total Harmonic Distortion: <0.01 at +4dBu

Connectors: RJ45 & XLR-M

Part Number
AVIO Analog out, 1 ch: Part# ADP-DAO-AU-0x1
AVIO Analog out, 2ch: Part# ADP-DAO-AU-0x2



USB-C Adapter I/O Adapter

Product code: AUD-ADP-USBC-AU-2X2



USB I/O Adapter 2x2 Channel

Product code: AUD-ADP-USB-AU-2X2



Plug and play operation



Built for the road



24 bit audio support



Dante Audio over IP
and AES67 RTP
transport formats



Power over Ethernet
(PoE) support



USB-C® to USB-C®
cable included with
USB-C® model



Dante Domain Manager ready

Connect your USB - enabled computers and mobile devices directly to a Dante audio network, no drivers or additional software required

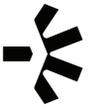
Network Everything

Dante AVIO USB and USB-C Adapters support 2 x 2 channels of bidirectional audio, allowing PCs and mobile devices to playout and record audio with any Dante-enabled devices over a standard IP network. Use audio applications like media players, conferencing software, presentations and recorders with network-connected speakers, microphones, mixers and DSPs. Cost effective, compact and built for the road, the Dante AVIO family of adapters bring the modern network connectivity that every audio pro needs in their toolbox.

Plug & Play

Each Dante AVIO USB adapter is a complete, high performance Dante device, delivering all the automation and ease of use that have made Dante the most popular audio networking solution worldwide.

Dante AVIO USB and USB-C adapters automatically discovered and ready to use when connected, and no separate power supplies are required – just use a common PoE (Power over Ethernet) switch or the USB power built-in to your computer and the Dante AVIO USB adapter is ready to go.



Use cases

- Easy audio drop-point for laptops in conference settings, no need to reconfigure your Dante network for different computers
- USB Type-C® or USB Type-A connectors
- Connect mobile devices to a Dante network with adapters as required

Built for the road

We've made all Dante AVIO adapters road-ready and tour-tough. Sonically welded ABS enclosures and quality hardware are used throughout, while cable assemblies are stress-tested to ensure reliable operation under grueling conditions. Toss them in your toolbox, show after show.

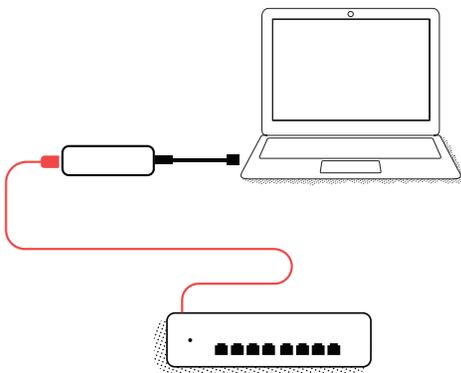
managed by our any connected PC or Mac. Most importantly, every Dante device can connect to every other Dante device – no questions asked. All Dante AVIO adapters are fully compatible with Dante Domain Manager (DDM) for IT-level security and management, while AES67 is supported for connection to non-Dante networks.

All Dante

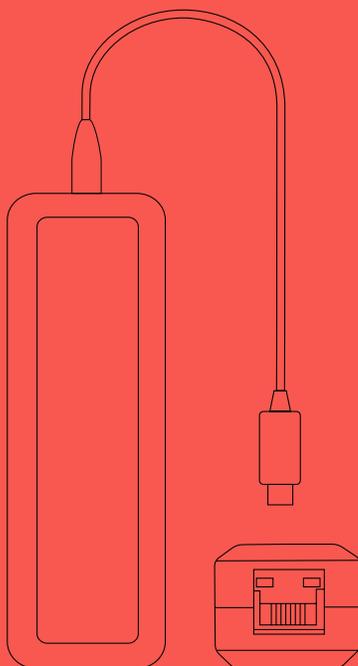
Dante AVIO adapters are all fully functional Dante interfaces, with all the features you'd expect from Dante audio networking. Each one delivers bit-perfect audio reproduction, super-low latency and sample-accurate synchronization across the entire network. All Dante devices automatically discover one another, and the entire system is

Cost-effective

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Specifications



AVIO USB Adapter

Audio Channels: 2 in, 2 out
Connectors: RJ45 & USB Type-A
Power: Class 1 802.3af PoE or USB
Power Consumption: < 2 watts
USB Power Delivery: —
Sample Rates: 48 kHz
Bit depth: 24
Dante Device Latency 1, 2, or 5ms (configurable using Dante Controller)
Network Transport Dante Audio over IP, AES67 RTP
USB: Class compliant USB 2.0 device
Operating Temp: -10 to +50C
Storage Temp: -25 to +70C
Part Number: ADP-USB-AU-2X2

AVIO USB Type-C® Adapter

Audio Channels: 2 in, 2 out
Connectors: RJ45 & USB Type-C
Power: Class 1 802.3af PoE or USB
Power Consumption: <10 watts, < 2 watts no power delivery
USB Power Delivery: 5V 1.5A (7.5 watts)
Sample Rates: 48 kHz
Bit depth: 24
Dante Device Latency 1, 2, or 5ms (configurable using Dante Controller)
Network Transport Dante Audio over IP, AES67 RTP
USB: Class compliant USB 2.0 device
Operating Temp: -10 to +50C
Storage Temp: -25 to +70C
Part Number: ADP-USBC-AU-2X2



Bluetooth® I/O Adapter 2x1 Channel
Product code: AUD-ADP-BT-AU-2X1



Plug and play operation



Built for the road



2 x 1 audio channels



24 bit audio support



Dante Audio over IP and
AES67 RTP transport formats



Power over Ethernet
(PoE) support



Dante Domain Manager ready

Wirelessly connect your computers and mobile devices to a Dante audio network via Bluetooth®

Network Everything

The Dante AVIO Bluetooth® Adapter connects to your Dante network and supports 2 x 1 channels of wireless audio, allowing PCs and mobile devices to playout and receive audio with any of your Dante-enabled devices using only a Bluetooth® connection. Connect audio applications like media players and conferencing software to speakers, microphones, mixers and DSPs on your network. Cost effective, compact and built for the road, the Dante AVIO family of adapters bring the modern network connectivity that every audio pro needs in their toolbox.

Plug & Play

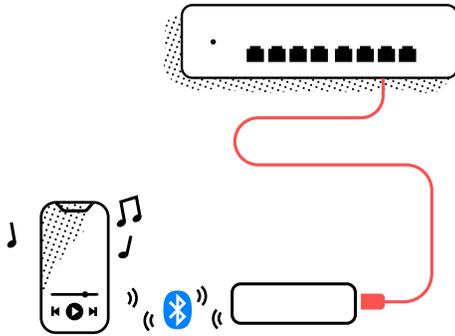
Each Dante AVIO Bluetooth® adapter is a complete, high performance Dante device, delivering all the automation and ease of use that have made Dante the most popular audio networking solution worldwide.

The Dante AVIO Bluetooth® adapter is automatically discovered and ready to use when connected, and no separate power supplies are required – just use a common PoE (Power over Ethernet) switch and any Dante AVIO adapter is ready to go.



Use cases

- Connect any PC or mobile device to your Dante audio network via Bluetooth wireless
- Seamlessly migrate calls on mobile devices to Dante-enabled conference room system



The convenience of wireless, the power of Dante

The Dante AVIO Bluetooth® adapter lets you leverage the audio quality and connectivity of your Dante audio networks while being as easy to use as any Bluetooth® headset or speaker. Simply pair the AVIO Bluetooth® adapter with your phone or PC for instant networked audio. Power is supplied via PoE, so there are no AC adapters to worry about.

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Cost-effective

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Specifications

Audio Channels
2 in, 1 out

Connectors
RJ45

Power
Class 1 802.3af PoE

Power Consumption
< 2.5 watts

Sample Rates
48 kHz

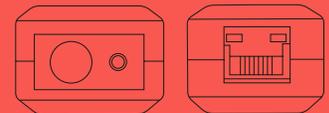
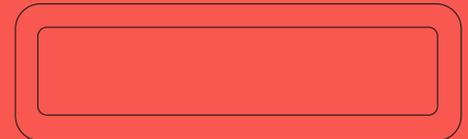
Dante Device Latency
1, 2, or 5ms (configurable using Dante Controller)

Bluetooth
5.0

Operating Temp
-10 to +50C

Storage Temp
-25 to +70C

Part Number
ADP-BT-AU-2X1





AES3 I/O Adapter 2x2 Channel
Product code: AUD-ADP-AES3-AU-2X2

Network all your AES3 / EBU equipped audio gear easily and cost-effectively with Dante AVIO

The Dante AVIO AES3/EBU Adapter supports 2 x 2 channels, with high-quality XLR input and output connectors and built-in asynchronous sample rate conversion. Use the AES3 Dante AVIO Adapters to add Dante networking to amplifiers, speaker processors, mixing consoles, video systems and more. Cost effective, compact and built for the road, the Dante AVIO family of adapters bring the modern network connectivity that every audio pro needs in their toolbox.

Plug & Play

The Dante AVIO AES3 adapter is a complete, high performance Dante device, delivering all the automation and ease of use that have made Dante the most popular audio networking solution worldwide.

The Dante AVIO AES3 adapter is automatically discovered and ready to use when connected, and no separate power supplies are required – just use a common PoE (Power over Ethernet) switch and any Dante AVIO adapter is ready to go.



Plug and play operation



Excellent dynamic range, SNR and THD performance



Built for the road



Dante Audio over and AES6 RTP transport formats



Sample rates up to 96 kHz



Power over Ethernet (PoE) support



16, 24, and 32 bit audio support



Dante Domain Manager ready

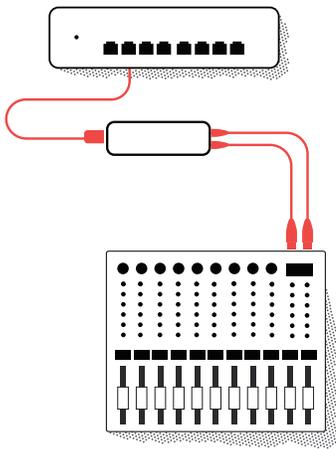


Synchronous sample rate conversion



Use cases

- Interface with SDI video systems using AES3 audio.
- Put your AES3-compatible amplifiers and powered speakers on your Dante audio network.
- Connect AES3-compatible DSPs to a Dante network
- Connect AES3-compatible microphone preamplifiers to a Dante network



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Cost-effective

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Specifications

Audio Channels
2 in, 2 out

Signal to Noise Ratio
> 135dB

Connectors:
RJ45, 1 XLR-M, 1 XLR-F

Power
Class 1 802.3af PoE

Power Consumption ASE3 column
< 2 watts

Asynchronous Sample Rate Conversion
Yes

Sample Rates
44.1, 48, 96 kHz

Bit depth
24

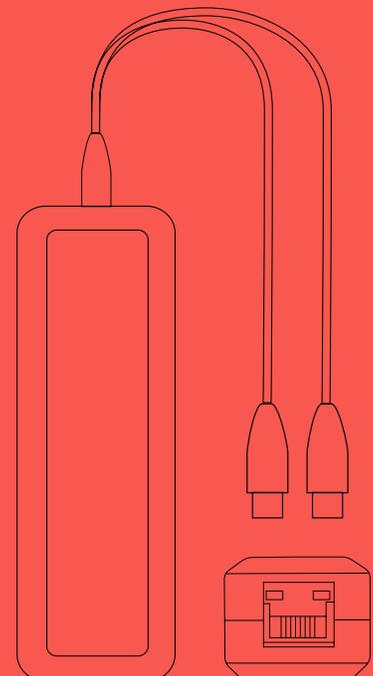
Dante Device Latency
1, 2, or 5ms (configurable using Dante Controller)

Network Transport
Dante Audio over IP, AES67 RTP

Operating Temp
-10 to +50C

Storage Temp
-25 to +70C

Part Number
ADP-AES3-AU-2X2





Connect with us.

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