

# Dante AVIO™



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

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 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.



## USE CASES

### ANALOG INPUT

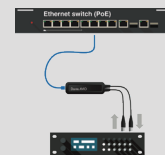
- ▶ Connect legacy mixers and consoles to a Dante network
- ▶ Patch favorite DSPs, analog compressors and equalizers into a Dante system using a combination of Input and Output adapters
- ▶ Connect stage DI boxes and keyboard instruments directly to a Dante network
- ▶ Connect your wireless mic receiver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

### FEATURES

- ▶ Plug & 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
- ▶ Dante Audio over IP and AES67 RTP transport formats
- ▶ Power over Ethernet (PoE) support
- ▶ Dante Domain Manager ready



## 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.

## DANTE AVIO ANALOG INPUT & OUTPUT

Dante AVIO Analog Adapters allow you to use the audio gear you already own with your Dante network. Don't abandon trusted compressors, equalizers or analog power amplifiers - adapt them to the world of audio networking with Dante AVIO.

Dante AVIO Analog Adapters are available as balanced line-level single or dual-channel input or output adapters, with high-quality XLR connectors. Use the Analog Dante AVIO Adapters to add Dante networking to analog amplifiers, powered loudspeakers, signal processors, music players or any other analog audio device, for hum-free digital signal distribution throughout your audio network. ◀

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SPECIFICATION	ANALOG INPUT 1 CHANNEL	ANALOG INPUT 2 CHANNEL	ANALOG OUTPUT 1 CHANNEL	ANALOG OUTPUT 2 CHANNEL
<b>Max signal level (balanced)*</b>	+24dBu / +4dBu / 0dBu		+18dBu / +4dBu / 0dBu	
	0dBV / -10dBV		0dBV / -10dBV	
<b>Frequency Response</b>	20Hz to 20kHz (-/+0.5dB)		20Hz to 20kHz (-/+0.5dB)	
<b>Impedance</b>	20k Ohm balanced 10k Ohm unbalanced		150 Ohm balanced 75 Ohm unbalanced	
<b>Dynamic Range</b>	> 100dB		> 100dB	
<b>Signal to Noise Ratio</b>	> 100dB		> 100dB	
<b>Total Harmonic Distortion</b>	< 0.01% at +4dBu		< 0.01% at +4dBu	
<b>Connectors</b>	RJ45 & 1 XLR-F	RJ45 & 2 XLR-F	RJ45 & 1 XLR-M	RJ45 & 2 XLR-M
<b>Power</b>	Class 1 802.3af PoE			
<b>Sample Rates</b>	44.1, 48, 96 kHz			
<b>Bit Depth</b>	24			
<b>Dante Device Latency</b>	1, 2, or 5ms (configurable using Dante Controller)			
<b>Network Transport</b>	Dante Audio over IP, AES67 RTP			
<b>Part Number</b>	ADP-DAI-AU-1X0	ADP-DAI-AU-2X0	ADP-DAO-AU-0X1	ADP-DAO-AU-0X2

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Dante AVIO Analog Marketing Datasheet

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