Dante AVIO™

Analog Adapters



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.

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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	Analog Output
Max signal level (balanced) +24dBu / +4dBu / 0dBu 0dBV / -10dBV	Max signal level (balanced) +18dBu / +4dBu / 0dBu 0dBV / -10dBV
Frequency Response 20Hz to 20kHz (-/+0.5dB)	Frequency Response 20Hz to 20kHz (-/+0.5dB)
Impedance 20k Ohm balanced 10k Ohm unbalanced	Impedance 150k Ohm balanced 75k Ohm unbalanced
Dynamic Range: >100dB	Dynamic Range : >100dB
Signal to Noise Ratio: >100	Signal to Noise Ratio: >100
Total Harmonic Distortion: <0.01 at +4dBu	Total Harmonic Distortion: <0.01 at +4dBu
Connectors: RJ45 & XLR-F	Connectors: RJ45 & XLR-M
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	Part Number AVIO Analog out, 1 ch: Part# ADP-DAO-AU-0x1 AVIO Analog out, 2ch: Part# ADP-DAO-AU-0x2

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