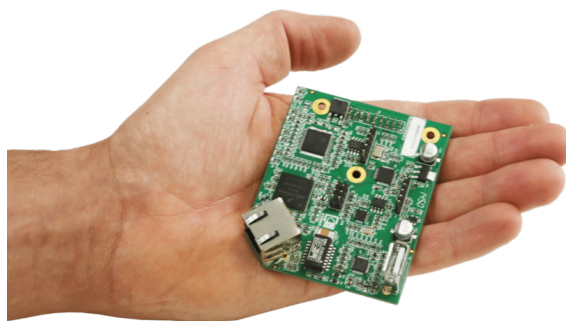# ANI22
Dante audio network interface 2 in / 2 out

AUDAC

Highlights:

- 48 kHz / 24 bit digital audio transfer
- Incredible low latency (2 / 5 ms)
- Works with standard 100Mbit or 1Gbit networking equipment
- Compatible with any Dante-enabled device available on the market
- True plug & play solution
- Self-explanatory graphical routing

The ANI22 is a Dante audio network interface for installation into WaveDynamics™ series amplifiers with two input and two output channels. The installation of this optional module allows these amplifiers to be integrated into any DANTE enabled AV network and flawlessly transfer digital audio with any compatible product on the market, ranging from music sources to microphone systems, mixers, and many more. A truly plug & play solution is created when linking multiple DANTE enabled devices with each other on a standard IP network. It offers self-configuring solutions by using DHCP configuration, while the connection can be made to any existing 100 Mbit or 1 Gbit network infrastructure. Bidirectional signal transmissions with a sampling frequency of 48 kHz and a bit depth of 24 bit are simultaneously possible on all in and output channels, while guaranteeing an incredibly low latency with a maximum up to 5 ms. (depending of the network occupation).The network connection is implemented using an Ethercon compatible connector, allowing connection using standard RJ45 or ruggedized Ethercon connections in professional applications. The ANI22 comes delivered as an installation kit, including all required accessories for integration into the amplifier chassis. Installation shall be performed by qualified technicians.

Applications:

- Clubs, bars, restaurants
- Retail
- Public facilities
- Corporate spaces
- Houses of worship

System specifications:

Inputs	Quantity	2
Outputs	Quantity	2
Communication protocol		Audinate Dante
Sampling frequency		48 kHz
Sampling bit depth		24-bit
Connectors		RJ45 (Ethernet)
Network specification		Standard 100 Mbit or 1 Gbit
Power	Consumption	1.5 W

Product Features:

Weight	0.090 kg
Mounting	Integration in amplifier chassis

Shipping & Ordering:

Packaging	Cardboard box
Shipping weight & volume	0.26 kg - 0.0028 Cbm
Compatible with	SMA series Wavedynamics™ amplifiers

Architects' and Engineers' Specifications:

The optional module shall be a Dante™ audio network interface allowing integration into any WaveDynamics™ series amplifier chassis. It shall allow implementation of the amplifier in any Dante enabled AV network, allowing digital audio transfer of two input and two output channels. When implemented, a truly plug & play solution shall be offered for linking the amplifier with multiple Dante™ enabled audio devices over existing 100 Mbit or 1 Gbit standard IP network infrastructure. The configuration shall be self-configuring and DHCP based. The signal transmission shall be bidirectional with a sampling frequency up to 48 kHz and a bit depth of 24 bit, while having a latency below 5 ms (depending of the network occupation). The network connection shall be implemented using an Ethercon compatible connector, allowing connection through standard RJ45 or ruggedized Ethercon connections and the module shall come as an installation kit, allowing implementation inside the amplifier chassis

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We reserve the right to change specifications without notice, this is part of our policy to continually improve our products.   Page 2 of 2