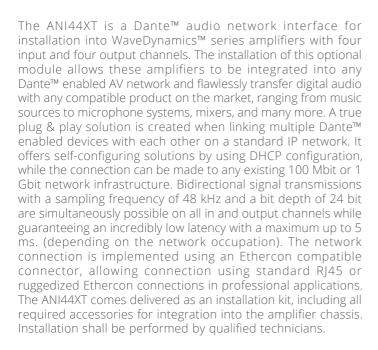## Highlights:

- 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
- Compatible with TouchLink™ (ANI44XT)
- Supports AES67 protocol (ANI44XT)

The ANI44XT is a Dante™ audio network interface for installation into WaveDynamics™ series amplifiers with four input and four 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 true 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 on 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 ANI44XT comes delivered as an installation kit, including all required accessories for integration into the amplifier chassis. Installation shall be performed by qualified technicians.

The updated ANI44XT will have new functionalities like:

Updated power supply with much better performance in terms of noise and interference sensitivity.
AES67 protocol and TouchLink™ compatibility.

## Certification:

## Applications:

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

## System specifications:

| Inputs | Quantity | | 4 |
|---|---|---|---|
| | Other | Type | Dante/AES67 (ANI44XT) |
| Outputs | Quantity | | 4 |
| 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 |

## Variants:

- ANI44XT - Dante audio network interface 4 in / 4 out - AES67 and TouchLink™ compatible

## Shipping & Ordering:

| Packaging | Cardboard box |
|---|---|
| Shipping weight & volume | 0.260 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 four input and four 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

AUDAC - ANI44XT - 01/03/2021 07:22 UTC

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