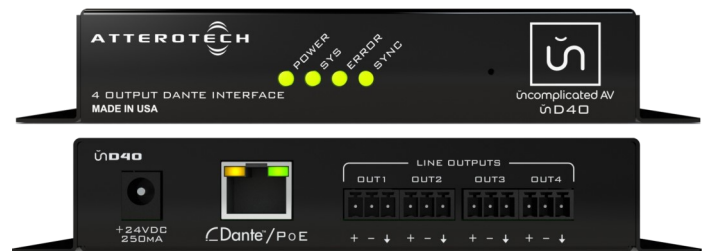# unD4O

Dante™/AES67 4 Output Interface

The unD4O Dante/AES67 interface is a 4 output, cost-effective way to add up to four analog output channels to an existing Dante or AES67-based networked audio system. The unD4O's small form factor and PoE power capability make it easy to put network audio connectivity wherever it's needed - near the audio sink - thereby eliminating costly and interference prone analog wiring. The unD4O is powered by either external +24VDC or any PoE network switch.

FEATURES AND BENEFITS

- Dante Domain Manager (DDM) supported
- Supports both Dante and AES67
- Small form factor, can be unobtrusively located near analog input devices in systems with Dante audio infrastructure
- 4 balanced line-level analog outputs driven from 4 Dante channels within up to 2 different Dante audio flows
- Maximum output level of +20dBu (+20dBu = 0dBFS in the digital domain)
- Power, Sys, Error, and Sync LEDs on the front panel for easy network troubleshooting
- PoE powered to work with any compliant 802.3af PoE network switch or mid-span injector, external +24VDC supply

APPLICATIONS

- Addition of analog outputs where analog cabling would be expensive or is not available back to a central rack
- Network enable analog input power amplifiers or powered speakers
- Analog outputs from Dante-only microphones, like the Shure MicroFlex Series Wireless, or the Audio Technica ATND971 boundary microphone or ATND8677 microphone desk stand
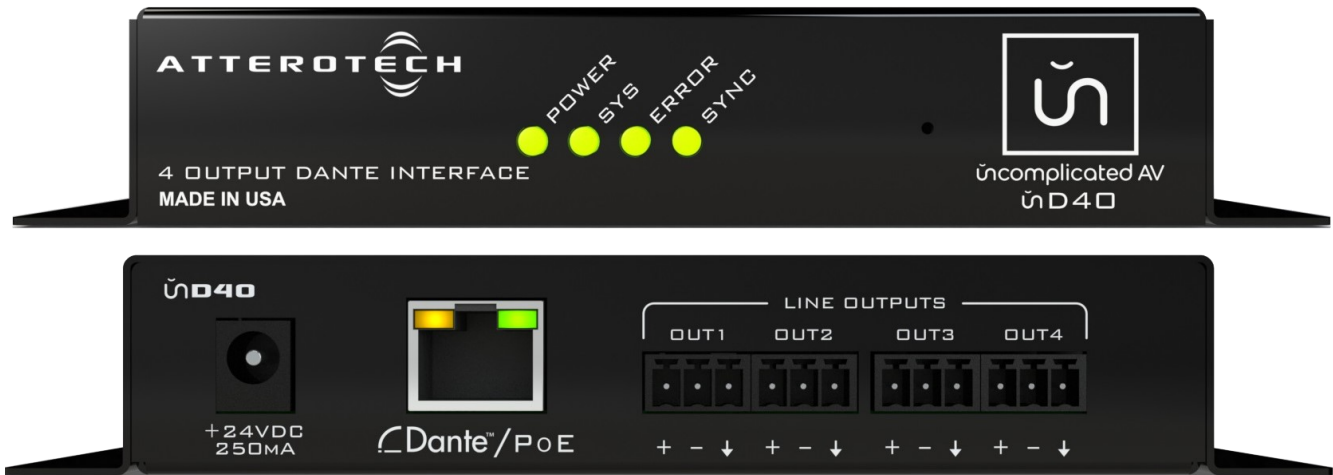- Multi-point network audio distribution

ABOUT ATTERO TECH

Attero Tech is a leading provider of networked audio and connectivity interfaces. These innovative products make it cost effective for audio installations to include high performance connectivity. Attero Tech is headquartered in Fort Wayne, Indiana USA - where all of our products are designed and built. Contact us at:

260.496.9668   www.atterotech.com

unD4O PRODUCT BRIEF

ATTEROTECH

unD4O Front and Rear Panels

SPECIFICATIONS

Output Type: Balanced line level with automatic muting on loss of Dante signal.

Output Gain: 0dB

Output Noise: <-80dBu (20-20kHz flat weighting)

Maximum Output Level: +20dBu (+20dBu = 0dBFS in the digital domain)

System THD: <.01% at an output level 3dB below maximum

DC Input Power: +24VDC@250mA

PoE Class: Class 0 802.3af PoE PD compliant

Certifications: FCC 47CFR Parts 15B and 18 (Class A), EN 55011, ICES-003, CE (EN55022 Class A and EN55024 Class A)

Power Consumption: 4W maximum

Dimensions: 6.45" W x 1.06" H x 3.45" D

Operating Temperature: 0°C - 40°C

ARCHITECTS & ENGINEERS SPECS

The Dante/AES67 Break Out Interface shall have four balanced line level analog outputs, driven from four Dante or AES67 channels within up to two different Dante or AES67 audio flows

Each output channel shall have a maximum output level of +20dBu. The unit shall be able to receive power from either the rear panel Dante interface over the Ethernet cable from a compliant 802.3af PoE network device or an external +24VDC power supply.

The networked audio interface shall be compliant with the RoHS directive. The networked audio interface unit shall be compliant with the EMI/EMC requirements for FCC 47CFR Parts 15B and 18 (Class A), EN 55011, ICES-003, CE (EN55022 Class A and EN55024 Class A).

The networked audio interface shall be fully DDM ready and compliant.

The Dante/AES67 interface shall be the Attero Tech unD4O.