

unD40

DANTE 4 OUTPUT INTERFACE

Preliminary Brief - Available Q2 2016

The unD40 Dante™ interface is a 4 output, cost-effective way to add up to four analog output channels to an existing Dante-based networked audio system. The unD40's small form factor and PoE power capability make it easy to put Dante connectivity wherever it's needed - near the audio sink - thereby eliminating costly and interference prone analog wiring. The unD40 is powered by either external +24VDC or any PoE network switch.

FEATURES AND BENEFITS

- Small form factor, can be unobtrusively located near analog input devices in systems with Dante audio infrastructure
- 4 balanced line-level analog outputs from up to 4 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 ATTEROTECH

Atterotech is a leading provider of Dante audio interfaces. These innovative networked audio products make it cost effective for audio installations to include high performance networking. Atterotech 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

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unD4O Front and Rear Panel



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 Part 15 Class A, CE (EN 55022 Class A)

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

Operating Temperature: 0° C - 40° C

ARCHITECTS & ENGINEERS SPECS

The Dante Break Out Interface shall have four balanced line-level analog outputs. Each analog output shall be capable of being driven from a Dante audio flow. 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 Dante interface shall be compliant with the RoHS directive. The Dante interface unit shall be compliant with the EMI/EMC requirements for FCC (Part 15 Class A) and CE (EN 55022 Class A).

The Dante interface shall be the Atterotech unD4O.