ATTEROTECH®

uncomplicated AV

unDX2IO

DANTE IN-WALL I/O INTERFACE

Available in Q3 2013

The unDX2IO Dante™ Audio Interface is a cost effective multi-IO wall box. The unDX2IO features two balanced mic/line XLR inputs and two balanced XLR line outputs. All inputs and outputs can be used simultaneously and all audio channels are available separately. The unDX2IO is designed to fit into most dual gang US junction boxes and is PoE enabled, so all connectivity (power and data) is provided by a single CAT-5 cable. The unDX2IO's size and IO density make it easy to put Dante connectivity wherever it's needed - near the audio source or sink - thereby eliminating costly and interference prone analog wiring.

FEATURES AND BENEFITS

- 2 balanced XLR mic/line inputs
- 2 balanced XLR line outputs
- 802.3af compliant PoE powered to work with any compliant PoE network switch
- Three input gains accommodate common line levels, phantom power and dynamic mics. Input gains are adjustable via software on a per input basis
- +48V Phantom power per channel - powers virtually all types of phantom powered microphones typically used in installed AV systems
- ID LED allows easy identification of which unDX2IO Attero Tech's Unify software is communicating with

APPLICATIONS

Convenient, wall mounted mic/line I/O drops for:

Hotel ballrooms

Conference/meeting centers

Conference rooms

Sports facilities

Convention centers

Houses of Worship

ABOUT ATTERO TECH

Attero Tech is a leading provider of both Dante and CobraNet® audio interfaces. These innovative networked audio products make it cost effective for audio installations to include high performance networking. Attero Tech is headquartered in Fort Wayne, Indiana. Contact us at:

260.496.9668 www.atterotech.com

unDX2IO Front Panel Connections

XLR Inputs 1 and 2 - Balanced and RF filtered. 0dB, +25dB, and +40dB gains software selectable. +48V phantom power available and software selectable.

XLR Outputs 1 and 2 - Balanced and RF filtered line level outputs.

ID LED - Blinks to allow easy identification of a specific unDX2IO under software control.

SPECIFICATIONS

Mic/Line Input Type: Balanced and RF filtered 3-pin deplug-gable

Phantom Power: +48V, software selectable

Mic/Line Gain: 0dB, +25dB, +40dB, software selectable

Input Impedance: >1.8K ohms at any gain setting

Equivalent Input Noise: -115dBu (+40dB gain)

Maximum Input Levels: +8dBu @ 0dB gain, -16dBu @ +25dB gain, -31dBu @ +40dB gain

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

Output Gain: 0dB

Output Noise: <-90dBu @ 0dB gain

Maximum Output Level: +12dBu

System THD: <.01% at any gain, input signal 3dB below maxi-mum

PoE Class: Class 0 802.3af PoE PD compliant

Certifications: FCC Part 15 Class A, CE (EN 60950 and EN 55022 Class A)

Dimensions: 3.60” W x 2.75” H x 1.88” D

Operating Temperature: 0 ^{O}C - 40 ^{O}C

ARCHITECTS & ENGINEERS SPECS

The Dante interface unit shall provide two XLR balanced mic/ line analog inputs and two XLR balanced line level outputs on the front panel. The inputs shall have selectable gain options of 0dB, +25dB, and +40dB. The inputs shall have +48V phantom power. Input gain and phantom power shall be selectable via software. The internal analog to digital conversions shall be performed at 24 bit resoultion with a 48kHz sampling rate. The Dante interface shall receive power over the Ethernet cable from an 802.3af PoE compliant network switch. The Dante interface shall be in-wall mounted in a standard US dual gang junction box.

The Dante interfaces shall be compatible with Attero Tech Unify software for flexible control and monitoring in systems applica-tions. The Dante interface shall be compliant with the RoHS directive. The Dante interface unit shall be compliant with FCC Part 15, Class A, and CE (EN 60950 and EN 55022 Class A).

The Dante interface unit shall be the Attero Tech unDX2IO.