

unDX4I

DANTE IN WALL 4X2 I/O INTERFACE

The unDX4I Dante™ Audio Interface is a cost effective multi-IO wall box. The unDX4I features four balanced mic/line XLR inputs and two balanced line outputs on a Phoenix connector. All inputs and outputs can be used simultaneously and all audio channels are available separately. The unDX4I 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 unDX4I'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



- Fully DDM ready
- 4 balanced XLR mic/line inputs
- 2 balanced line outputs on Phoenix depluggable connectors
- 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 unDX4I Atterotech's Unify software is communicating with
- The balanced line outputs can be wired to any passive XLR plate such that 4 XLR inputs and 2 XLR outputs are available in a 3-Gang US wall space.

APPLICATIONS

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

- Hotel ballrooms
- Conference/meeting centers
- Conference rooms
- Sports facilities
- Convention centers

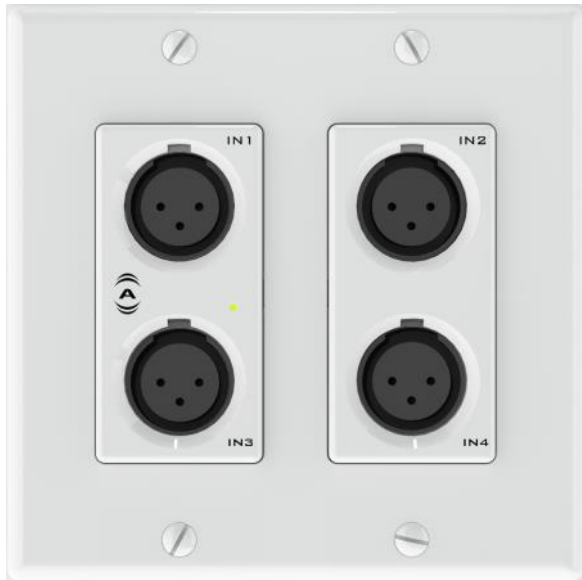
ABOUT ATTEROTECH

Atterotech 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. 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

unDX4I Front and Rear Panels



unXP20 Passive Output Plate (Accessory)

SPECIFICATIONS

- Mic/Line Input Type:** Balanced and RF filtered 3-pin depluggable
- Phantom Power:** +48V, software selectable
- Mic/Line Gain:** -18dB, -3dB, +25dB, +40dB, software selectable
- Input Impedance:** >1.8K ohms at any gain setting
- Equivalent Input Noise:** -115dBu (+40dB gain)
- Maximum Input Levels:** +20dBu @ -18dB gain, +6dBu @ -3dB gain, -23dBu @ +25dB gain, -38dBu @ +40dB gain
- Output Type:** Balanced line level with automatic muting on loss of Dante signal
- Output Gain:** 0dB to -60dB, in 1dB increments software adjustable
- Output Noise:** <-80dBu @ 0dB gain
- Maximum Output Level:** +20dBu
- System THD:** <.02% at any gain, input signal 3dB below maximum
- 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:** 6.5W maximum
- Dimensions:** 3.60" W x 2.75" H x 1.88" D
- Operating Temperature:** 0°C - 40°C

ARCHITECTS & ENGINEERS SPECS

The Dante interface unit shall provide four XLR balanced mic/line analog inputs on the front panel and two balanced line level outputs on a side panel Phoenix connector. 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 resolution 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 Atterotech Unify software for flexible control and monitoring in systems applications.

The Dante interface shall be compliant with the RoHS directive.

The Dante 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 Dante interface shall be fully DDM ready and compliant.

The Dante interface shall be the Atterotech unDX4I.