

Dante™ In-Wall I/O Interface

- 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



The DNTWP 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.

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.

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 depluggable
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 maximum
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°C - 40° C



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.

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 depluggable
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 maximum
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°C - 40° C

