



Attero Tech by QSC

unD6IO

Dante™ Networked Audio Wall Plate -
4x2 Multi-IO

Features

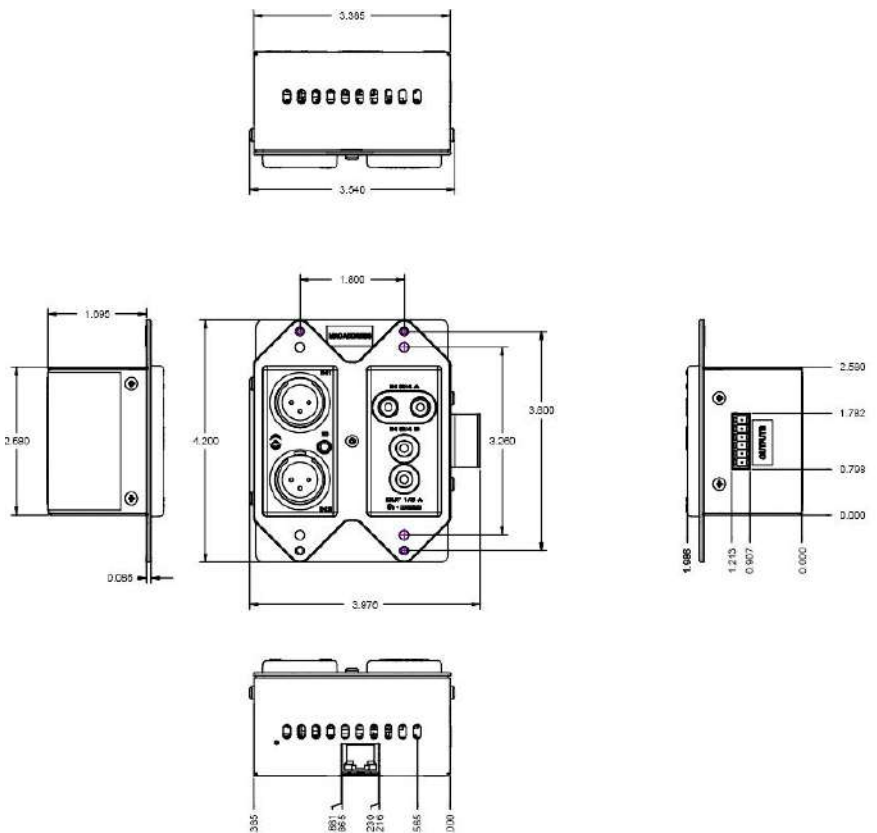
- Dante Domain Manager™ ready
- 2x balanced XLR mic/line inputs, 2x RCA and 1x 3.5 mm input, 1x 3.5 mm output, and 2x balanced outputs on a sidemounted depluggable connector, with software controllable volume
- 802.3af compliant PoE powered to work with any compliant PoE network switch
- 3 gain levels are available on the XLR input to accommodate a wide variety of input levels and devices. Input gain is adjustable via software
- +48 V phantom power - switchable via Q-SYS Ecosystem plugin, unIFY software or other third-party control
- Mono-summed RCA inputs and 3.5 mm input can be selected via software, individually or in combination, as an audio flow
- Product accessory kit available



Applications: Hotel Ballrooms • Spas • Fitness Facilities Convention Centers • Education • Conference Center

The unD6IO Dante™ Audio Interface is a cost-effective multi-IO wall plate. The unD6IO features two balanced mic/line XLR inputs, and two balanced outputs on side panel de-pluggable connectors. Two RCA line level inputs and a 3.5mm TRS line level input complete the available inputs. A 3.5mm TRS line level output is also included. The unD6IO is designed to fit into most dual-gang US junction boxes and is PoE enabled, so all connectivity (power, control and audio data) is provided by a single CAT-5e/6 cable. The unD6IO's size and I/O 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.

Dimensions:



unD6IO Details

| Audio Inputs | |
|----------------------|--|
| Input types | 2x XLR (balanced and RF filtered inputs), inputs 2/4 2x stereo unbalanced RCA Inputs, Inputs 3/4 A Stereo Unbalanced TRS 3.5 mm inputs, Inputs 3/4 B |
| Gain | -18 dB, -3 dB, +25 dB and +40 dB, software selectable (Inputs 1/2) |
| Input impedance | >1.8 k Ω at any gain (Inputs 1/2) >10 k Ω (Inputs 3/4 A & B) |
| Maximum input levels | +20 dBu @ -18 dB gain, +6 dBu @ -3 dB gain, -23 dBu @ +25 dB gain -38 dBu @ +40 dB gain (Inputs 1/2) +12 dBu (Inputs 3/4 A & B) |
| Phantom power | +48V, software selectable (Inputs 1/2 only) |

| Audio Input Performance | |
|-------------------------|--|
| EIN | -115 dBu (mic Inputs 1/2) |
| THD+N | < 0.02% @ 1 kHz for all gain settings, input signal 3 dB below maximum (mic inputs 1/2) <0.01% (Line Inputs 3/4) |
| Frequency response | 20 Hz – 20 kHz, +/- 1dB (-18 and -3 dB gain on Inputs 1/2) 50 Hz – 20 kHz +/- 1dB (+25 dB and +40 dB gain on Inputs 1/2) 20 Hz – 20 kHz, +/- 1 dB (Inputs 3/4 A & B) |
| Maximum input levels | 0.250 ms minimum |

| Audio Outputs | |
|-----------------------|--|
| Output type | Two balanced line level with automatic muting on loss of Dante signal on 6-pin Depluggable Phoenix (Outputs 1/2 B) Two unbalanced line level outputs on stereo 3.5 mm TRS (Outputs 1/2 A) |
| Attenuation range | Software controlled volume (0 to -60 dB, 1 dB increments) |
| Output impedance | 200 Ω balanced, 100 Ω unbalanced |
| Maximum output levels | +12 dBu at 0 dB attenuation (output 1/2 A) +20 dBu at 0 dB attenuation (output 1/2 B) |

| Audio Output Performance | |
|--------------------------|---|
| Output type | Two balanced line level with automatic muting on loss of Dante signal on 6-pin Depluggable Phoenix (outputs 1/2 B) Two unbalanced line level outputs on stereo 3.5mm TRS (outputs 1/2 A) |
| Attenuation range | Software controlled volume (0 to -60 dB, 1 dB increments) |
| Output impedance | 200 Ω balanced, 100 Ω unbalanced |
| Maximum output levels | +12 dBu at 0 dB attenuation (output 1/2 A) +20 dBu at 0 dB attenuation (output 1/2 B) |

| Dante Network | |
|--------------------------------|-------------------|
| Physical level | Standard Ethernet |
| Connector | Single RJ-45 |
| Cable type | CAT-5e or better |
| Transmission speed | 100 Mbps |
| Supported sample rates | 44.1 kHz, 48 kHz |
| Minimum Dante™ network latency | 1 ms |

| General | |
|-----------------------|--|
| Dimensions (HWD) | dual-gang, in-wall form factor 4.2 x 3.5 x 2 in (114.3 x 88.9 x 50.8 mm) |
| Weight | 0.6 lb (.27 kg) |
| Operating temperature | 0 to 40° C |
| Regulatory compliance | FCC CFR 47 Parts 15B Class A ICES-003 CE (EN55022) RoHS REACH |

| Environmental | |
|-------------------|-------------|
| Power | 802.3af PoE |
| Power consumption | <5.5 W |

