ATTEROTECH®

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uncomplicated AV

unD6IO-BT

✳ Bluetooth® + DANTE IN-WALL I/O INTERFACE

The unD6IO-BT Dante™ Audio Interface with Bluetooth is a cost effective multi-IO wall box. The unD6IO-BT features stereo Bluetooth® wireless audio input connectivity along with two RCA line level inputs and a 3.5mm TRS line level input. A 3.5mm TRS line level output on the front plus two balanced line level outputs on the side of the unit are also included. The unD6IO-BT 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-BT's unique mix of consumer style wired and wireless connectivity allows easy connection of a wide variety of user devices to a Dante network - with no concerns about ground loops or other audio problems common with consumer devices.

FEATURES AND BENEFITS

- Simple pairing one button pairing/connect process for standalone operation with LED indication of connection status
- Defeatable pairing button for restricted use applications with 3rd party control systems
- Customizable Bluetooth® friendly name in applications with co-located unD6IO-BTs
- Compatible with most smartphones, Apple iPads, and Android tablets
- Two RCA and one 3.5mm stereo input
- One 3.5mm stereo output on the front, and two balanced outputs on a side-mounted depluggable connector. All outputs feature software controlled volume
- 802.3af compliant PoE powered to work with any compliant PoE network switch
- RCA inputs and 3.5mm input (carried as stereo) can be selected via software, individually or in combination, as an audio flow (see Audio Flow diagram)
- Bluetooth™ audio is carried as stereo onto the Dante network

APPLICATIONS

Convenient, wall mounted Bluetooth interface for:
- Hotel ballrooms
- Conference/meeting centers
- Restaurants and bars
- Sports, spa and fitness facilities
- Convention centers

ABOUT ATTERO TECH

Attero Tech 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. Attero Tech 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

unD6IO-BT PRODUCT BRIEF

unD6IO-BT Front, Rear, and Audio Flow
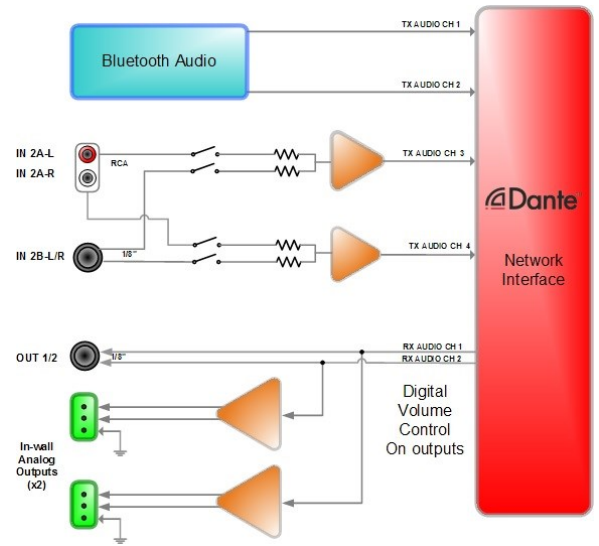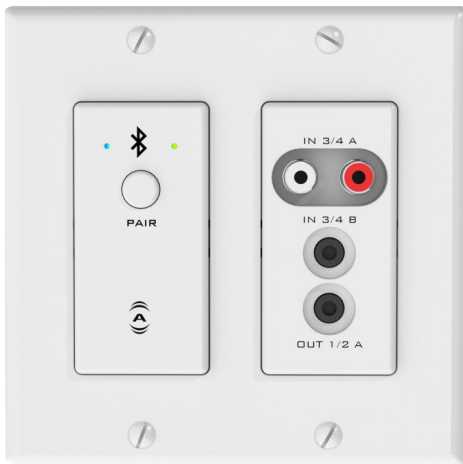
SPECIFICATIONS

Bluetooth® Profile: A2DP - Stereo audio is streamed from a Bluetooth® device and onto the Dante network

RCA and 3.5mm Inputs: RF filtered line level, input source software selectable

Maximum Input Levels (3.5mm/RCA): +12dBu

Depluggable Output Type: Balanced line level with automatic muting on loss of Dante signal (located on the side of the unD6IO-BT)

Output Volume Range: 0dB to -60dB in 1dB steps, software selectable

Output Noise: <-90dBu @ 0dB gain

Maximum Output Level (balanced depluggable): +20dBu

3.5mm Output: RF filtered line level

Maximum Output Level(3.5mm): +12dBu

System THD: <.02% at any gain, input signal 3dB below maximum (wired I/O only)

Certifications: FCC 47CFR Parts 15B and 18 (Class A), EN 55011, ICES-003, CE (EN55022 Class A and EN55024 Class A)

Dimensions: 3.54" W x 4.2" H x 1.88" D

Operating Temperature: 0°C - 40°C

ARCHITECTS & ENGINEERS SPECS

The Dante Bluetooth® interface unit shall provide stereo Bluetooth® wireless connectivity onto a Dante network, and a simple, one-button pairing interface. The unit shall provide two RCA line level inputs and one 3.5mm TRS line level input. The unit shall provide a 3.5mm TRS line level output, and 2 balanced outputs on depluggable connectors on the side of the unit. These outputs shall have software controlled volume.

The internal analog to digital signal conversion shall be performed at 24-bit resolution with a sampling frequency of 48 kHz. The Dante interface unit shall receive power over the Ethernet cable from an 802.3af PoE compliant network switch. The Dante interface shall be wall mounted in a standard US dual gang junction box.

The Dante interface shall be compatible with Attero Tech uniFY software for flexible control and monitoring in system 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 and CE.

The Dante interface shall be the Attero Tech unD6IO-BT.