ATTEROTECH®

uncomplicated AV

unBT2A

Bluetooth® IN-WALL INPUT INTERFACE

The unBT2A is a single gang Decora style in-wall Bluetooth® audio interface aimed at adding Bluetooth® audio connectivity to installed audio systems. The unBT2A can be used in any venue where there's a need to stream Bluetooth® audio from a smart phone, laptop, tablet or other Bluetooth® audio equipped smart device to the sound system. The unBT2A features a simple and consistent pairing process to eliminate the frustrating experience users often have with consumer grade Bluetooth® interfaces. Through the unBT2A EXP expander unit (shipped with the unBT2A), the unBT2A outputs balanced mono or stereo analog audio on 3-pin depluggable connectors for easy connection to commercial audio equipment. The unBT2A USB port is used for initial product setup at installation, and the unBT2A EXP has an RS-232 port for 3rd party control.

FEATURES AND BENEFITS

- Single gang Decora form factor for easy installation in space constrained applications
- Simple pairing one button pairing/connect process for standalone operation with LED indication of connection status
- Simple serial control protocol for integration with 3rd party control system via RS-232 (Remote connection management and status monitoring)
- Defeatable pairing button for restricted use applications with 3rd party control systems
- Balanced mono/stereo analog outputs for interfacing to both commercial and consumer audio equipment
- USB bus-powered connection for simple setup prior to installation and firmware update
- Customizable Bluetooth® friendly name for applications with co-located unBT2As
- Compatible with most smartphones, Apple iPads, and Android tablets

APPLICATIONS

Convenient, wall mounted Bluetooth® interface for:

- Hotel ballrooms
- Conference/meeting centers
- Restaurants and bars
- Sports, spa and fitness facilities
- Convention centers

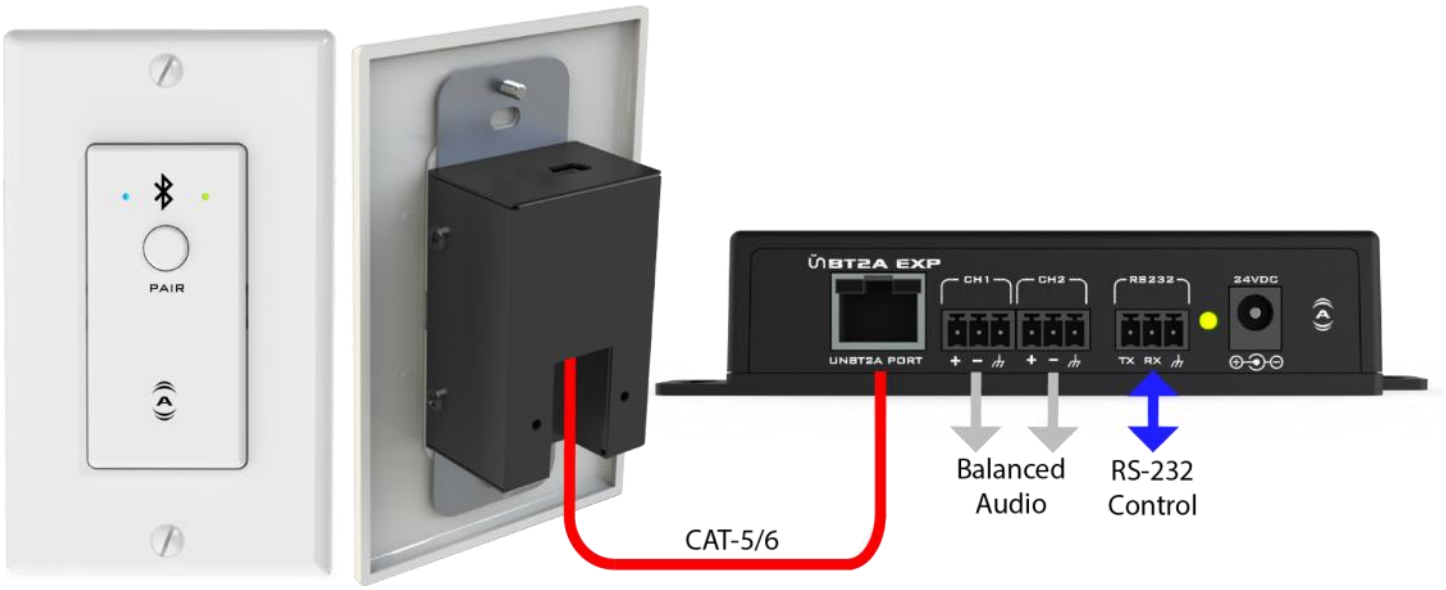
ABOUT ATTERO TECH

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

unBT2A PRODUCT BRIEF

unBT2A System Connectivity Diagram



SPECIFICATIONS

Bluetooth® Profile: A2DP - Stereo audio is streamed from a Bluetooth® device to the unBT2A and output as analog (via the unBT2A EXP interface)

Bluetooth® Range: 10 meters (30ft) minimum.

Depluggable Output Type: Balanced 3-pin line level, -10dBV/ +4dBu nominal output levels (software switchable) on the unBT2A EXP. Mono/Stereo functionality is also software switchable

Dynamic Range: >85dB

Maximum Output Level (Balanced depluggable): +20dBu in +4dBu setting, +6dBu in -10dBV setting

System THD: Less than .1%

RS-232: Full RS-232 control (standard RS-232 levels) of pairing and other user interface features. 3-pin depluggable connector on the unBT2A EXP

USB: Mini B type connector

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

Dimensions: unBT2A - 1.69" W x 4.2" H x 1.25" D

unBT2A EXP - 5.56" W x 1.13" H x 1.75" D

Operating Temperature: 0°C - 40°C

ARCHITECTS & ENGINEERS SPECS

The Bluetooth® interface unit shall provide two analog line level outputs on 3-pin depluggable connectors, software switchable between -10dBV (consumer level) nominal output and +4dBu (professional level) nominal output. The device shall have software selection of mono or stereo audio mode. Maximum audio output level shall be +20dBu in the +4dBu mode, and +6dBu in the -10dBuVmode.

The device shall have RS-232 real-time control of pairing and other user features over a 3-pin depluggable connector. The device shall have a USB Mini-B style connector for initial setup.

The interface shall be compatible with Attero Tech unIFY software for flexible control and monitoring in system applications. The interface shall be compliant with the RoHS directive. The interface unit shall be compliant with the EMI/EMC requirements for FCC and CE.

The interface shall be the Attero Tech unBT2A.