unDUSB

Dante to USB Bridge

The unDUSB is a small, cost-effective interface that bridges host USB devices, like computers, directly to a Dante network - while keeping the audio signals in the digital domain. The unDUSB enumerates on USB as a standard stereo sound card, and provides 2 channels from Dante to USB, and 2 channels from USB to Dante. Since the unDUSB uses USB audio drivers that are built-in to Windows and OSX, no additional drivers need to be installed. Using an unDUSB, any computer program that can make use of a stereo sound card can instantly have input and output access to audio signals on a Dante network. Music, presentation audio, and even audio from collaboration applications like Skype can be used in a Dante system. The unDUSB can be powered by compliant 802.3af PoE devices, from +9VDC to +24VDC external supplies, or from the Power Link Output connector of other Attero Tech devices that support Power Link.

FEATURES AND BENEFITS

- Fully DDM Ready
- USB B-Type connector for easy connection to laptop, desktop, and other USB host equipment
- PoE powered to work with any compliant 802.3af PoE network switch or mid-span injector, external +9VDC to +24VDC supply, or from the Power Link Output connector of other Attero Tech devices that support Power Link for maximum flexibility
- Since the unDUSB uses standard USB Audio device drivers, which are native to Windows and OSX, device installation is easy. The unDUSB is a USB 1.1 audio device, so any application that can use a sound card can use the unDUSB

APPLICATIONS

Convenient USB I/O for:

- Audio and video conferencing - use the in-room Dante sound system with soft codecs like Skype
- Conference room presentation audio - use the in-room Dante sound system for best fidelity
- House of Worship/Conference Centers - easy recording of Dante audio to a laptop or desktop application
- Use any PC or Mac for a BGM music server directly to a Dante audio system
- Academic/Lecture Hall for easy PC to Dante presentation audio connectivity

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

unDUSB Front and Rear Panels

SPECIFICATIONS

Power LED: Indicates the unit is powered on.

Sys LED: Indicates that the unit is initializing (Red) or ready for use (Green)

Sync LED: Indicates that the unit is synchronized with the Dante network (Green), in the process of synchronizing (Amber), or unable to synchronize (Red)

Error LED: Indicates that the Dante capabilities information stored on the unDUSB is corrupted (Yellow). Red indicates an internal firmware error.

USB Connector: Type B

USB Audio Connectivity: USB Audio 1.1, compatible with Windows 7, 8, 10, OSX V10.7 or newer

Audio Channels: 2 channel from USB to the Dante network, and 2 channel from the Dante network to USB

Digital Audio Sample Rates/Bit Depth: 44.1/48kHz sample rates are supported on the USB input, and 48kHz sample rate on the Dante input. Bit depth is 16 bits, with full asynchronous sample rate conversion between USB and the Dante network

Frequency Response: 20Hz - 20kHz, +/-1dB

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: < 4W

Dimensions: 6.45” W x 1.06” H x 3.45” D

Operating Temperature: 0°C - 40°C

ARCHITECTS & ENGINEERS SPECS

The Dante to USB bridge shall provide 2 channels bidirectional bridging of USB and Dante. The unit shall provide a Power LED, a Sys LED, a Sync LED, and an Error LED on the front panel to indicate system status. The unit shall provide a Type-B USB connector on the rear panel for connection to a PC or Mac. A rear panel Dante interface shall receive power over the Ethernet cable from a compliant 802.3af PoE network device, an external +9VDC to +24VDC power supply, or another Power Link capable device.

The unit shall support 44.1kHz and 48kHz USB sample rates, and 48kHz Dante sample rates, with 16 bit audio samples. The unit shall provide fully asynchronous and bidirectional sample rate conversion between USB audio and Dante audio.

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 DDM ready.

The Dante interface shall be the Attero Tech unDUSB.