



## Attero Tech by QSC Axon DBU

USB/Bluetooth network audio interface  
(Dante™/AES67)

### Features

- Surface-mount USB/Bluetooth network audio interface for network AV systems, such as the Q-SYS Ecosystem
- Configurable Bluetooth audio interface for call bridging and general music playback applications
- Supports mute synchronization with Microsoft Teams & Skype for Business
- Available Q-SYS Extension
- PoE capable (802.3af)
- Dante Domain Manager ready



### Applications: Meeting Spaces • Huddle Rooms • Classrooms

The Attero Tech by QSC Axon DBU is a surface-mount, Dante/AES67 network audio interface offering bi-directional USB and Bluetooth integration into network AV systems, such as the Q-SYS Ecosystem. Geared for simple, "bring your own device support", the Axon DBU allows for PC or mobile device connectivity in a compact form factor that can be easily mounted under a table or in a rack, providing maximum system design flexibility.

**Bring your own Device (BYOD) support:** The Axon DBU enables meeting space and classroom applications where users need to connect their PC's or mobile devices to integrate a room's audio into their web conferencing application (such as Microsoft Teams). Both the USB (up to 2 x 2 channels) and stereo Bluetooth interfaces are bi-directional, allowing for simple conference call bridging or general music playback.

**Q-SYS Ecosystem Integration:** With the available Q-SYS Extension, integration of the Axon DBU into the Q-SYS Q-SYS Ecosystem is simple. Quickly deploy the DBU into your Q-SYS design and gain audio control and signal monitoring via native Q-SYS TSC touch screen controllers, without the need for any programming. Furthermore, as of Q-SYS Designer Software v8.4, the Q-SYS Scripting Engine license is not required to deploy designs with Attero Tech by QSC devices.

# Axon DBU Details

## Specifications

USB		LED Indicators	
Interface	2.0, Class 1 audio	Power	Yellow (solid) - initializing White (solid) - operating normally
Audio support	up to 2 x 2 channels 16 bit 44.1/48 kHz sampling rate	Network	Red (solid) – PTP audio clocking not synchronized Green (solid) – DBU is synchronized to PTP clock as a clock slave White (solid) – DBU is synchronized to PTP clock as the clock master
USB audio profiles	1 x 1 - Speakerphone (HFP host, AEC disabled) 1 x 1 - Speakerphone (HFP host, AEC enabled) 2 x 2 - General line in/out soundcard (A2DP)	Bluetooth	Off – Bluetooth Disabled Green (solid) – Bluetooth Idle Blue (blinking) – Bluetooth discoverable Blue (solid) – Bluetooth connected Purple (blinking) - Poor Bluetooth connection Yellow (blinks 3 times) - Bluetooth pair button pressed while disabled White (solid) - USB priority mode is active
USB HID/OS	Control integration for basic Windows and Mac mute and volume control  Mute state synchronization support for Microsoft Teams, Skype for Business		
Bluetooth		Power	
Audio support	16 bits, 44.1/48 kHz sampling rate	Operating temperature	0 to 40° C
Bluetooth profiles	Two-channel media audio streaming (A2DP) plus transport control (AVRCP)  Mobile Phone call bridging (HFP)	Power requirements	PoE (802.3af) or +24 V DC @ 120 mA
Pairing options	Basic – user must press pairing button (or initiate pairing via the DBU API) to pair and connect Reconnect – a previously paired user simply selects the DBU on their device to connect Exclusive – only a single, previously paired device can select the DBU and connect	Power consumption	< 4 W
Voice prompts	Optional voice prompts can indicate the following Bluetooth states: <ul style="list-style-type: none"> <li>• Pair/Connect mode initiated</li> <li>• Pair/Connect mode ended</li> <li>• Pair/Connect successful</li> <li>• Pair/Connect failed</li> </ul>	General	
		Dimensions (HWD)	5.6 x 5.4 x 1.0 in (143.3 x 137.0 x 25.4 mm)
		Weight	0.99 lbs (0.45 kg)
		Regulatory compliance	FCC Part 15, Subpart B EN 55032:2015 EN 55035:2017 Class A RoHS WEEE

