

Attero Tech by QSC unD4I-L

Dante™/AES67 audio interface

Features

- Four balanced and RF-filtered mic/line inputs on 3-pin depluggable connectors
- Software-selectable gain presets (per channel)
- PoE powered or use with external +24 V DC power supply
- +48 V phantom power on each channel
- ID function of the Power LED allows easy identification of the unD4I-L with which Attero Tech's unIFY Control Panel Software is communicating
- Four logic inputs accept dry contact closure, opto, or open collector inputs and can send UDP status messages to connected DSPs or control processors
- Four logic outputs with source/sink capability for LEDs

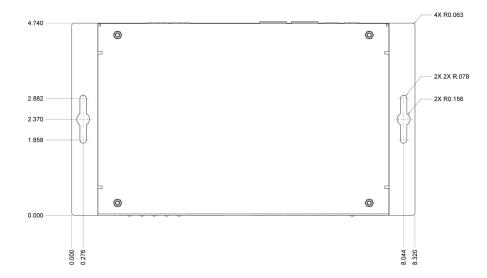


Applications: Hotel Ballrooms • Conference Rooms Fitness Facilities • Convention Centers

The Attero Tech by QSC unD4I-L is a four-channel Dante/AES67 audio interface that allows for integration of analog mic/line sources into networked AV systems, such as the Q-SYS Ecosystem. It features four balanced mic/line inputs, each with eight software-selectable gain presets and +48 V phantom power.

The logic I/O (4 x 4) offers an easy interface with microphone switches and indicator LEDs. Front panel indicators show each channel's gain and phantom power status for easy troubleshooting. The unD4I-L also has two network connections to allow for daisy-chaining of one additional unD4I-L, and can be powered by either external +24 V DC or any PoE network switch.

Dimensions:



unD4I-L Details

Specifications _

Front Panel		General	
Gain and phantom power status LEDs	Shows the gain/pad setting and phantom power status for each of the four input channels.	Mic/line input type	Balanced and RF filtered
		Phantom power	+48 V, software-selectable
Power/ID LED	Indicates power when the unit is on, and blinks in response to a software command for unit identification	Mic/line gain	0 dB, +15 dB, +30 dB, and +45 dB, all software selectable. 12 dB pad, software selectable
		Input impedance	>1.8 k Ω at any gain setting
Rear Panel		Equivalent input noise	-115 dBu (+45 dB gain)
Mic/line inputs 1-4	Balanced and RF filtered inputs. Software- selectable gain presets: Without pad: 0 dB, +15 dB, +30 dB, +45 dB	Maximum input levels	+8 dBu @ 0 dB gain -7 dBu @ +15 dB gain -22 dBu @ +30 dB gain
	With pad: -12 dB, +3 db, +18 dB, and +33 dB +48 V phantom power on each channel		-37 dBu @ +45 dB gain without 12 dB pad. With 12 dB pad: maximum input levels are 12 dB higher
RJ-45 ethernet connectors	The left RJ-45 connects to an Ethernet switch (PoE or non-PoE) and also provides the DC input for daisy chained units. The right RJ-45 provides DC out to daisy chained units.	System THD	<.02% at any gain, input signal 3 dB below maximum
		Frequency response	20 Hz - 20 kHz, +/-1 dB
+24 V DC input	Allows the unD4I-L to be powered if a PoE Ethernet switch is not used.	Logic inputs	0-3.3 V DC input range, can indicate both hi/low and analog range
Power link in/out	Allows DC power to be daisy chained between multiple units.	Logic outputs	10 mA source current @ 3 VDC, 50 mA sink current from 5 VDC up to 24 VDC
Logic inputs 1-4	Allows external contact closures to be sensed and UDP messages to be triggered to external devices.	PoE class	Class 0 802.3af PoE PD compliant
Logic outputs 1-4	Allows LEDs and other low current devices to be driven based on UDP messages from external devices.	Regulatory compliance	FCC Part 15 Class A, CE (EN 55022 Class A)
		Dimensions (HWD)	1.5 x 8.3 x 4.7 in (38.1 x 210.8 x 119.4 mm)
		Weight	1.38 lbs (.63 kg)



Operating temperature

0 to 40° C



