

Overview:

The Dante/Quad Channel Audio PoE Gateway permits non-Dante compatible analog audio equipment to interface with Dante compatible professional audio equipment.

The unit allows Dual two-channel or Quad single-channel full range (20Hz to 20KHz) balanced analog audio signals to be transmitted over the network to Dante compatible professional audio equipment. Dual two-channel or Quad single-channel balanced analog audio signals may also be received from Dante compatible equipment in the same manner. The unit may be connected via Cat5e/6 cable up to 330ft (100m) from an Ethernet Switch.

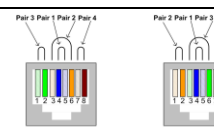
The Dante/Quad Channel Audio PoE Gateway includes four single-channel balanced analog audio-in and four single-channel balanced analog audio-out ports, via phoenix connectors. The Quad single-channel balanced analog audio-in ports may be connected to line level balanced analog audio signals or to line level balanced microphones. The Quad single-channel balanced analog audio-out ports may be connected to balanced analog audio amplifiers supporting line level inputs, such as the MuxLab 500217 Audio Zone Amplifier 100W, or to two pairs of powered speakers for direct sound output.

The device supports PoE (PD) and may be powered by a PoE (PSE) Ethernet Switch.



Key Features:

- Interface analog audio equipment to Dante audio equipment
- Supports Dual two-channel or Quad single-channel full range balanced analog audio from 20Hz to 20KHz
- Transmission up to 330ft (100m) over Cat5e/6
- Supports Quad single-channel balanced analog audio-in and Quad single-channel balanced analog audio-out from Dante audio equipment.
- Balanced audio ports may be interfaced to unbalanced audio ports when only 2 of 3 pins are used per channel IP managed for remote control
- Controllable via the Audinate Dante Controller software
- PoE powered

Specifications									
Environment	Quad single-channel balanced analog audio and Dante audio.								
Devices	Analog audio equipment and Dante professional audio equipment.								
Connectors	Two (2) 6-pin phoenix connector, for Quad single-channel balanced analog audio-in. Two (2) 6-pin phoenix connector, for Quad single-channel balanced analog audio-out. One (1) RJ45S for Cat 5e/6 unshielded or shielded twisted pair, for Ethernet connection. One (1) 2.1mm jack, for power.								
Maximum Distance	Cat5e/6: 330ft (100m) from Ethernet Switch. <i>Note: When installed in an electrically noisy environment, an STP cable must be used. Also, cross-connection reduces the effective distance depending on the grade of twisted cable used.</i>								
Signal Protocol/Standard	Dante								
Bandwidth	Analog: 20Hz to 20KHz, Network: TBD.								
RJ45 Pin Configuration	<p>RJ45 Link</p> <table border="0"> <tr> <td>Pin 1 (R)</td> <td>Pin 2 (T)</td> </tr> <tr> <td>Pin 3 (R)</td> <td>Pin 6 (T)</td> </tr> <tr> <td>Pin 4 (R)</td> <td>Pin 5 (T)</td> </tr> <tr> <td>Pin 7 (R)</td> <td>Pin 8 (T)</td> </tr> </table>  <p>Reverse Polarity Sensitive. Use EIA/TIA 568A or 568B straight-through wiring.</p>	Pin 1 (R)	Pin 2 (T)	Pin 3 (R)	Pin 6 (T)	Pin 4 (R)	Pin 5 (T)	Pin 7 (R)	Pin 8 (T)
Pin 1 (R)	Pin 2 (T)								
Pin 3 (R)	Pin 6 (T)								
Pin 4 (R)	Pin 5 (T)								
Pin 7 (R)	Pin 8 (T)								
Cables	One (1) Cat 5e/6 or better twisted pair cables required.								
Power Source	Eight (8) Quad single-channel balanced audio cables with 3-pin phoenix connectors (for audio-in and audio-out). This device supports PoE (PD), an external power supply is not included. It is intended to be powered via a PoE (PSE) Ethernet Switch. If required, an optional power supply may be purchased separately.								
PoE	IEEE 802.3af								
Power Consumption	4.5W								
Temperature	Operating: 0° to 40°C Storage: -20° to 85°C Humidity: Up to 95% non-condensing								
Dimensions	4.4" x 4.6" x 1.0" (111mm x 120mm x 25mm)								
Weight	1.5lbs (0.7kg)								
Compliance	Regulatory: FCC, CE, RoHS Flammability: 94V0								
Warranty	2 years								
Order Information	500765 Dante/Quad Channel Audio PoE Gateway (UPC: 627699007655)								

Typical Application

