Technical Data Sheet

VNET2™-Dante™ Bridge

Product description

The VNET2-Dante Bridge is a standalone device available from Tannoy, designed to facilitate integration of VNET2 products such as QFlex with Dante digital audio networks. It is powered via Power over Ethernet (PoE), or alternatively by an optional 12 V power supply.

Dante is an audio networking technology developed by Audinate®. It allows many channels of uncompressed digital audio, and control data to be conveyed down a standard Ethernet network. The VNET2 Dante Bridge allows VNET2 devices to be seamlessly integrated into Dante systems with the minimum of fuss. Analog outputs also allow the Dante Bridge to be used with products that do not have VNET2 Interfaces, such as 1st generation VNET speakers and SC1 controllers.

The three primary uses for the Dante Bridge are:

- Dante audio to AES3 conversion with VNET control (for use with VNET2 equipped products – currently only Tannoy QFlex)
- Conversion of Dante audio to analogue audio with VNET control (for use with VNET equipped products)
- Conversion of Dante audio to analogue audio (for Dante break-out to any product with analogue inputs)

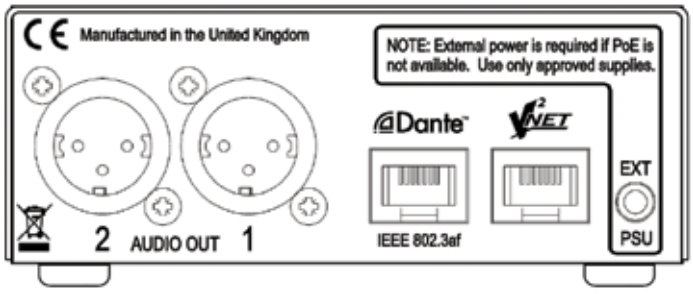
Features

- Analogue output pair allows the Dante Bridge to be used with products that do not have VNET2 Interfaces, such as first generation VNET speakers , SC1 Controllers, any powered speaker or amplifier.
- When with the Dante Bridge is connected to a network of VNET-equipped devices, all can be controlled and monitored via a direct Ethernet connection from your PC.
- Housed in a rugged steel case, the Dante Bridge can be used free-standing or rack mounted (along with up to two additional accessory products) in a 1U rack space.
- The Dante Bridge is a standalone device ordered as an accessory to QFlex – only one is required for each QFlex sub-net

Physical data

Dimensions HxWxD**:** 43 x 115 x 115 mm (1.7 x 4.5 x 4.5”)

Weight: 0.5 kg (1.1 lbs)



Applications

- Sports arenas & stadia
- University campuses
- Corporate headquarters
- Shopping malls
- Transport hubs
- Other digital audio networked installations

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Specifications

VNET2-Dante Bridge

Ethernet	
Compliance	100 base T or 1000 base T

VNET	
Cable type	Category 5 UTP (or better)
Max. Total cable length	1 km
Max. Network span	1 km
Connector	Standard RJ45

Ext Power	
	Only to be provided by a Linea Research Accessory Power Supply via a 3.5 mm Jack-to-Jack lead (Linea Research part no. LD1047)

Power	
Consumption	3 W max.

Analog Audio	
Connector	3-Pin locking male XLR
Frequency Response	20 Hz to 20 kHz +-0.2 dB
THD	<0.005% typ. At 1 kHz
Dynamic range	114 dB (A weighted)
Max. output level	+10 dBu into 600 ohms

Environmental	
Temperature	0 to +45°C
Humidity	0 to 80% RH (non-condensing)

Physical	
Dimensions (HxWxD)	43 x 115 x 115 mm (1.7 x 4.5 x 4.5")
Weight	0.5 kg (1.1 lbs)

Ordering Information
Part Number
8001 7240

CE

Notes:

A full range of measurements and performance data can be downloaded from www.tannoy.com. For project-specific system design assistance, contact our AET Group via www.aetgroup.tc

New materials or manufacturing methods introduced through Tannoy's policy of continuous research and development may result in variances; however, performance will meet or exceed published specifications, which Tannoy reserves the right to alter without prior notice.