

DT2002

Surface Mount 2×2 Dante / AES67 Interface



Description

The DT2002 is a Dante network audio interface allowing users to integrate up to 2 x 2 audio channels of Dante audio into networked AV systems, each input features a 48V phantom power option. The product also supports PoE (IEEE802.3af) power capability and a small form factor that makes it easy to put Dante connectivity wherever it's needed and it can be close to the audio source or sink to eliminate the need for costly and interference-prone analog wiring.

Features

- 2 analog inputs and 2 analog outputs for line / microphone level.
- Supports adjusting the gain per input from 0 ~ +48dB.
- Output volume control from -60dB to 0dB.
- 48V phantom power per input channel.
- Powered by PoE (IEEE802.3af).
- Supports 44.1k or 48k audio sample rate.
- Controllable by Dante controller and web-UI.

Specifications

Model	DT2002
Input	
Input	(2) MIC/LINE IN
Input Connector	(2) 3-pin Green Terminal Blocks
Phantom Power	48V, software selectable for each input
Output	
Output	(2) LINE OUT
Output Connector	(2) 3-pin Green Terminal Blocks
Output Type	Balanced line level with automatic muting on loss of Dante signal
Audio Performance	

Gain	Input: 0 ~ +48dB, 6dB per step Output: -60 ~ 0dB, 1dB per step
Max Level	Input: +18dBu @ 0dB input gain Output: +18dBu @ 0dB output gain
Input Impedence	>1.8kΩ
Effective Input Noise (EIN)	-119dB @ 48dB gain
Output Noise	<-79dBu @ 0dB gain
THD	<0.05% at any gain
Sample Rate	44.1kHz or 48kHz
Control	
Control Port	(1) Dante Network
Control Connector	(1) RJ45
General	
External Power Supply Operation	Input: AC 100~240V, 50/60Hz; Output: 12V DC 1A
Temperature	-10°C ~ +55°C
Storage Temperature	-25°C ~ +70°C
Relative Humidity	10%-90%
Dimension (W*H*D)	185mm x 115mm x 22mm
Net Weight	500g

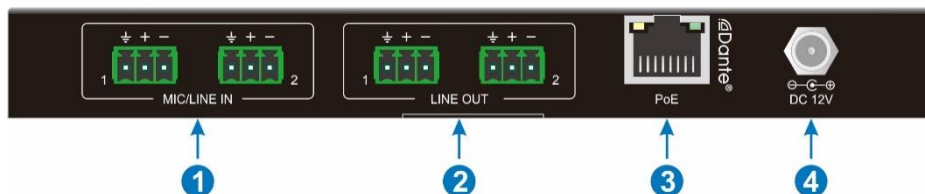
Front / Rear Panel

Front Panel



- ① POWER LED: Illuminates green when power is applied.
- ② SYS LED: Illuminates yellow when system starts, and green when system is ready.
- ③ SYNC LED: Illuminates green when the clocks are synchronized between master and slave devices, and yellow when the clocks are out of sync.
- ④ M/S LED: Illuminates yellow when the unit works as master device, and green when it is as slave master.
- ⑤ ERROR LED: Illuminates yellow when known errors occur, and red when unknown errors occur.

Rear Panel



- ① MIC/LINE IN: 2 x Balanced audio input.
- ② LINE OUT: 2 x Balanced audio output.
- ③ Dante: Dante® Ethernet interface connector.
- ④ DC 12V: DC connector for DC12V1A power adapter connection.