



iTrans DP-BOX-202

Dante 2CH analog audio encoder/ decoder w/ PoE, Phoenix ports



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About Dante/AES67

Dante/AES67 audio networking utilize standard IP networks to transmit high-quality, uncompressed audio with near-zero latency. It's the most economical, versatile, and easy-to-use audio networking solution, and is scalable from simple installations to large-capacity networks running thousands of audio channels. Dante/AES67 can replace multiple analog or multicore cables with a single affordable Ethernet cable to transmit high quality multi-channel audio safely and reliably. With Dante software, the network can be easily expanded and reconfigured with just a few mouse clicks. Dante/AES67 is the audio networking choice of nearly all professional audio manufacturers, with hundreds of Dante-enabled audio products now available.

For more information, please visit the Audinate website at www.audinate.com.

1. Product Introduction

The **iTrans DP-BOX-202** 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.

1.1 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.

2. Specification

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	>1.8k Ω
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	Input: AC 100~240V, 50/60Hz; Output: 12V DC 1A
Operation 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