



iTrans DP-T-22

2CH Analog Audio to Dante Encoder



User Manual

VER 1.0

www.infobitav.com

info@infobitav.com

Thank you for purchasing this product

For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Surge protection device recommended

This product contains sensitive electrical components that may be damaged by electrical spikes, surges, electric shock, lighting strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the life of your equipment.

Table of Contents

1. Introduction.....	1
2. Features.....	1
3. Package Contents.....	1
4. Specifications.....	2
5. Operation Controls and Functions.....	3
6. Application Example.....	4

1. Introduction

The iTrans DP-T-22 is an audio transmitter based on the Dante Ultimo solution. It encodes the audio signal and then transmits to the decoder through Dante network, supporting AES67 RTP audio transmission. This product also supports 2 channels unbalanced or balanced analog audio input, 5-level sensitivity adjustment and PoE power supply.

2. Features

- ☆ Analog audio input supports balanced/unbalanced audio input (unbalanced access to "+" and "GND")
- ☆ Audio sampling rate supports 44.1KHz, 48KHz, 88.2KHz and 96KHz, @16bit/24bit/32bit
- ☆ Dante solution supports AES67 RTP audio transmission
- ☆ Audio input supports 3-level sensitivity adjustment: +18dBu, 0dBu (default) and -10dBV
- ☆ Support DC 12V power supply and PoE power supply (IEEE802.3af Class 1 compliant)

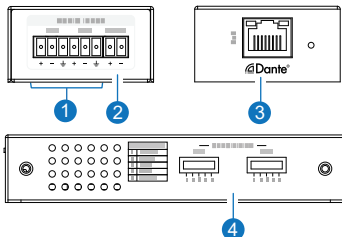
3. Package Contents

- ① 1× iTrans DP-T-22
- ② 1× 6pin-3.81mm Phoenix Connector (male)
- ③ 1× 2pin-3.81mm Phoenix Connector (male)
- ④ 1× User Manual

4. Specifications

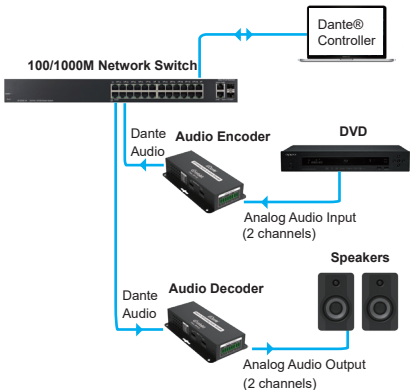
Technical	
Video Network Bandwidth	100M
Audio Formats	PCM 2.0, @16bit/24bit/32bit, 44.1KHz/48KHz/88.2KHz/96KHz
Transmission Distance	100m/328ft (CAT6/6A)
Control Method	Dante Controller
Connection	
Input	1 × Dante [RJ45 connector, PoE] 2 × AUDIO INPUT [6-pin phoenix, 3.81mm]
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	130mm[W] × 70mm[D] × 26mm[H]
Weight	230g
Power Supply	DC input: 12V/1A PoE input: IEEE802.3af Class 1
Power Consumption	1.2W
Operation Temperature	32 - 104°F / 0 - 40°C
Storage temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)

5. Operation Controls and Functions



No.	Name	Function Description
1	AUDIO INPUT (CH1/CH2)	2-channel analog audio input ports, support balanced and unbalanced audio.
2	DC 12V	DC 12V/1A power input port.
3	DANTE (PoE)	• Dante digital audio input port. Connect to the Network Switch through RJ45 line, supporting PD power supply. • The green LINK LED is always on after normal connection. • The yellow DATA LED is flashing when there is data transmission.
4	SENSITIVITY switch	Used for audio sensitivity adjustment, +24dBu, +4dBu, 0dBu, 0dBV and -10dBV, respectively.

6. Application Example



Trademarks

Dante® is registered trademark of Audinate Pty Ltd. All other trademarks are the property of their respective owners.