



iTrans DU-TR-22B
2CH USB Audio to Dante Converter



User Manual

VER 1.0

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.

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1. Introduction

The iTrans DU-TR-22B is a USB audio encoding and decoding device based on the Dante Ultimo solution, with two channels input and two channels output. Built-in USB sound card, it transmits signals through IP, supporting AES67 RTP audio transmission. It supports USB power supply and PoE power supply.

The product is compact and easy to carry, plug and play, suitable for recording studios, art festivals, concerts and other scenes.

2. Features

- ☆ Compliant with USB 2.0 Full Speed Operation and USB Audio Device Class Specification V1.0
- ☆ Dante solution supports AES67 RTP audio transmission
- ☆ Audio sampling rate supports 44.1KHz, 48KHz, 88.2KHz and 96KHz, @16/24/32bit
- ☆ Support USB 5V power supply and PoE power supply (IEEE802.3af Class 0 compliant)

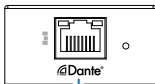
3. Package Contents

- ① 1 × iTrans DU-TR-22B
- ② 1 × USB Cable (Type B)
- ③ 1 × User Manual

4. Specifications

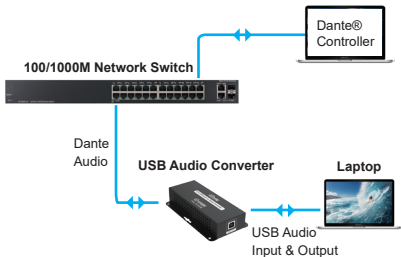
Technical	
Video Network Bandwidth	100M
Audio Formats	PCM 2.0, 44.1KHz/48KHz/88.2KHz /96KHz, up to 32bit
Transmission Distance	100m/328ft (CAT6/6A)
Frequency Response	20Hz to 20KHz
Control Method	Dante Controller
Connection	
Input & Output	1 × USB HOST [Type B] 1 × DANTE [RJ45, PoE]
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	130mm[W] × 70mm[D] × 26mm[H]
Weight	225g
Power Supply	USB input: 5V-500MA PoE input: IEEE802.3af Class 0
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	USB HOST (From PC)	<ul style="list-style-type: none">• USB digital audio signal input.• USB 5V power input.
2	DANTE (PoE)	<ul style="list-style-type: none">• Dante digital audio input and output.• PoE power supply.• The green LINK LED is always on after normal connection.• The yellow DATA LED is flashing when there is data transmission.

6. Application Example



Trademarks

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