

# TURTLE

## DANTE PRO DUAL LINE OUTPUT CONVERTER



### User Manual

VER 1.0

## Thank you for purchasing TURTLE 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

Unlock the power of pristine digital audio with the Dante® 2CH Line Output Adapter. Built on the cutting-edge Dante® Ultimo 2x2 solution, this adapter converts crystal-clear Dante® digital audio into two-channel balanced or unbalanced analog audio.

## 2. Features

- Analog audio output supports balanced/unbalanced audio output (unbalanced access to "+" and "GND")
- Audio sampling rate supports 44.1kHz, 48kHz and 96kHz (24bit)
- Dante solution supports AES67 RTP audio transmission
- Audio output supports 3-level gain adjustment : +18dBu, 0dBu (default) and -10dBV
- Support DC 12V power supply and POE function (IEEE802.3af Class 0)

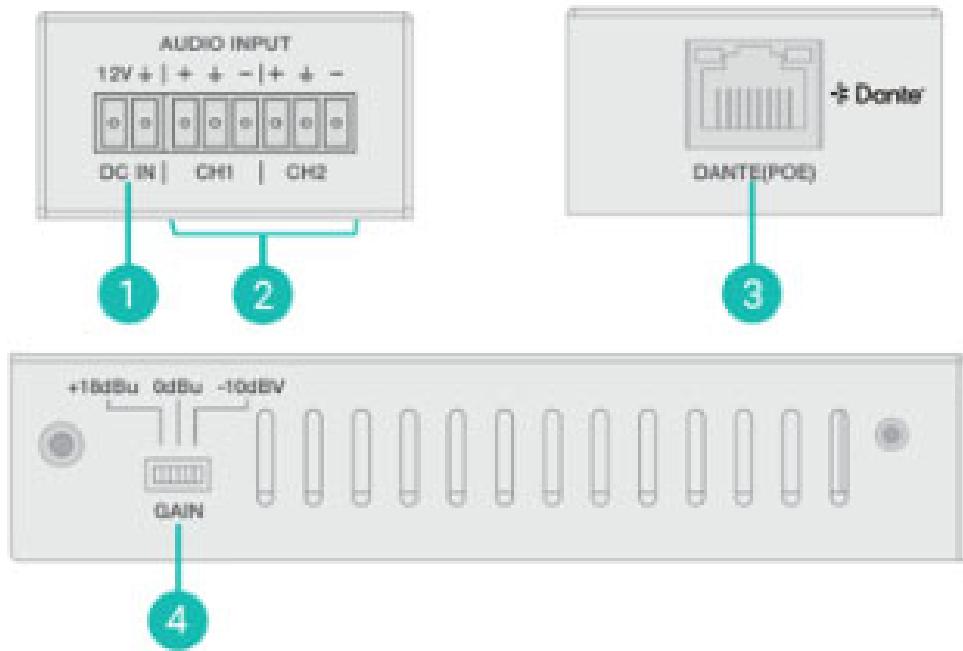
## 3. Package Contents

- 1x Dante 2CH Analog Audio Decoder
- 1x 6pin-3.81mm Phoenix Connector (male)
- 1x 2pin-3.81mm Phoenix Connector (male)
- 1x User Manual

## 4. Specifications

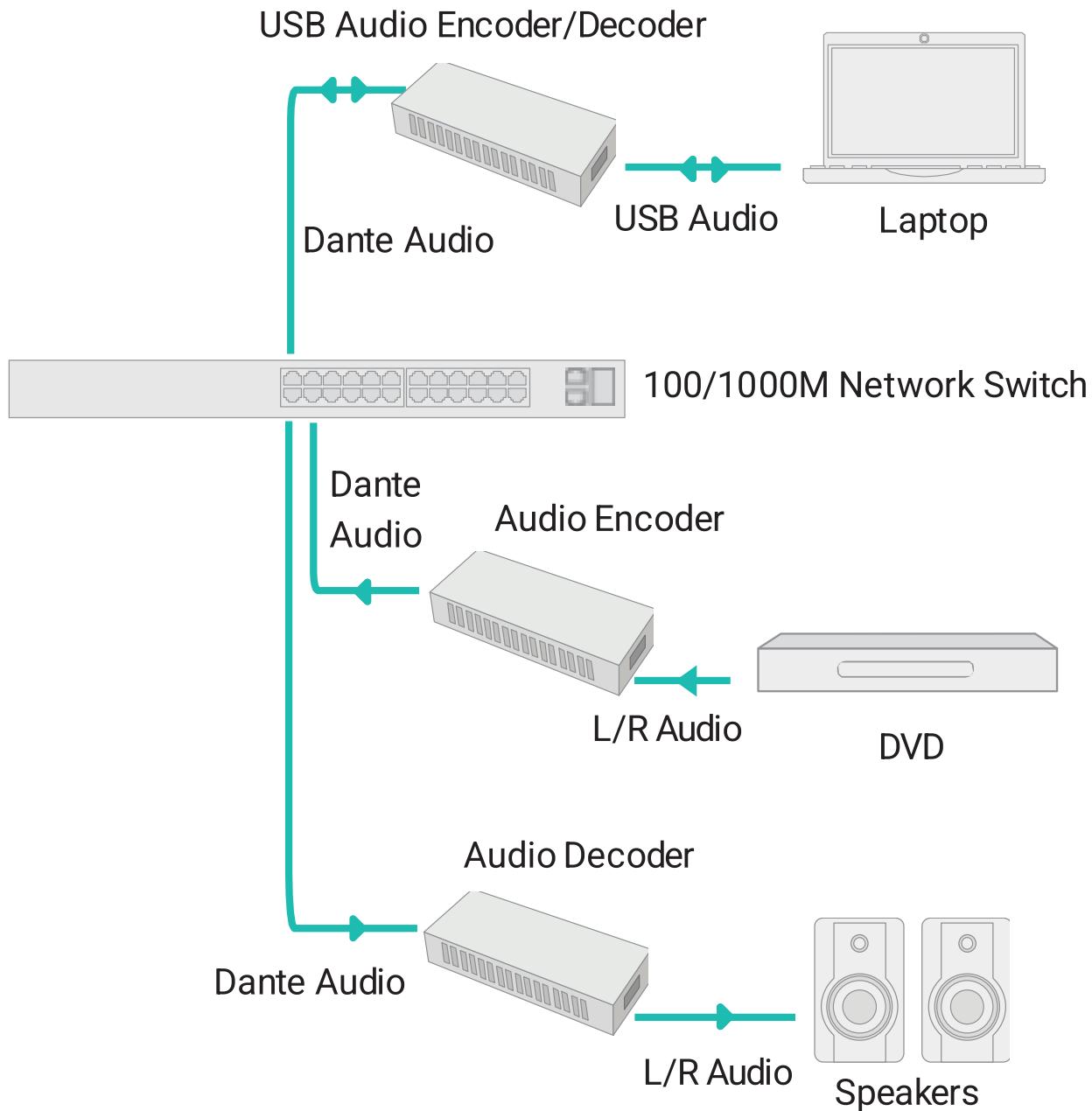
| Technical                      |  |
|--------------------------------|--|
| <b>Video Network Bandwidth</b> | 100M   |
| <b>Audio Formats</b>           | PCM 2.0 44.1kHz/48kHz/96kHz up to 24bit                          |
| <b>Transmission Distance</b>   | 100m (CAT6/6A)   |
| <b>Control Method</b>          | Dante Controller   |
| Connection                     |  |
| <b>Inputs</b>                  | 1x DANTE [RJ45 connector, POE]<br>1x PWR [2-pin phoenix, 3.81mm] |
| <b>Output</b>                  | 1x AUD [6-pin phoenix, 3.81mm]                                   |
| Mechanical                     |  |
| <b>Housing</b>                 | Metal Enclosure  |
| <b>Color</b>                   | Black  |
| <b>Dimensions</b>              | 120mm[W] x 47mm[D] x 26mm[H]                                     |
| <b>Weight</b>                  | 186g   |
| <b>Power Supply</b>            | DC input: 12V<br>POE input: IEEE802.3af Class 0                  |
| <b>Power Consumption</b>       | 1.32W  |
| <b>Operation Temperature</b>   | 32 - 104°F / 0 - 40°C  |
| <b>Storage temperature</b>     | -4 - 140°F / -20 - 60°C  |
| <b>Relative Humidity</b>       | 20 - 90% RH (no condensation)                                    |

## 5. Operation Controls and Functions



| No. | Name                   | Function Description   |
|-----|------------------------|--|
| 1   | DC IN                  | DC 12V power input port.   |
| 2   | AUDIO OUTPUT (CH1/CH2) | 2 channel analog audio output ports, supporting balanced and unbalanced audio.   |
| 3   | DANTE (POE)            | Dante digital audio input port. Connect to the Network Switch through RJ45 line, supporting PD power supply.<br>The green LINK LED is always on after normal connection.<br>The yellow DATA LED is flashing when there is data transmission. |
| 4   | GAIN switch            | Used for audio output gain adjustment, respectively +18dBu, 0dBu (default), -10dBV.  |

## 6. Application Example



### Trademarks

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