



VigilLink VL-DA2PE-1 Dante 2CH Analog Audio Encoder with POE User Manual

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VL-DA2PE-1
Dante 2CH Analog Audio Encoder with POE
VER 1.0
User Manual



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VL-DA2PE-1 Dante 2CH Analog Audio Encoder with POE

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, lightning strikes, etc. The use of surge protection systems is highly recommended to protect and extend the life of your equipment.

Introduction

This Dante 2CH Analog Audio Encoder is an audio transmitter based on the Dante Ultimo solution. It supports balanced/unbalanced audio input and 3-level gain adjustment. It encodes audio signals and then transmits the audio to the receiving end through a network (Dante). It supports POE function.

Features

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

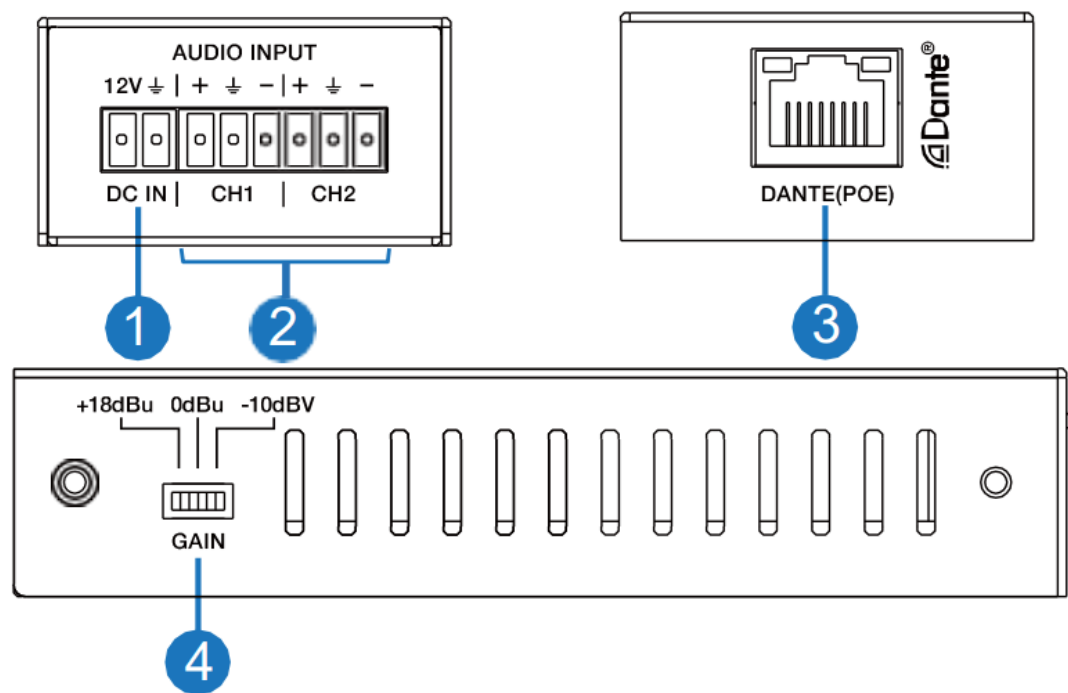
Package Contents

1. 1× Dante 2CH Analog Audio Encoder
2. 1× 6pin-3.81mm Phoenix Connector (male)
3. 1× 2pin-3.81mm Phoenix Connector (male)
4. 1× User Manual

Specifications

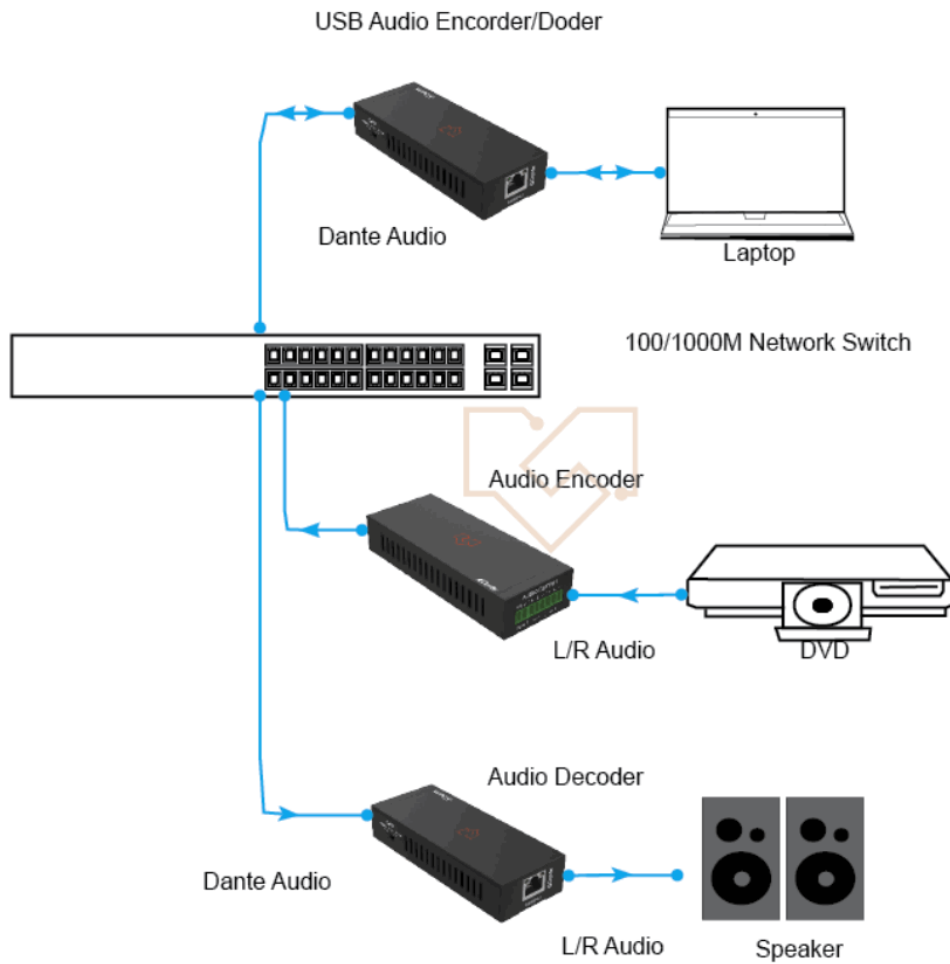
| | |
|-------------------------|---|
| Technical | |
| Video Network Bandwidth | 100M |
| Audio Formats | PCM 2.0 44.1kHz/48kHz/96kHz up to 24bit |
| Transmission Distance | 100m (CAT6/6A) |
| Control Method | Dante Controller |
| Connection | |
| Inputs | 1x PWR [2-pin phoenix, 3.81mm] 1x AUD [6-pin phoenix, 3.81mm] |
| Output | 1x DANTE [RJ45 connector, POE] |
| Mechanical | |
| Housing | Metal Enclosure |
| Color | Black |
| Dimensions | 120mm[W] x 47mm[D] x 26mm[H] |
| Weight | 186g |
| Power Supply | DC input: 12V 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) |

Operation Controls and Functions



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



Application Example



Trademarks

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

Documents / Resources

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|  <p>VigilLink VL-DA2PE-1 2-Channel Dante 2CH Analog Audio Encoder with POE</p>  <p>User Manual VER 1.0</p> | <p>VigilLink VL-DA2PE-1 Dante 2CH Analog Audio Encoder with POE [pdf] User Manual VL-DA2PE-1 Dante 2CH Analog Audio Encoder with POE, VL-DA2PE-1, Dante 2CH Analog Audio Encoder with POE, 2CH Analog Audio Encoder, Analog Audio Encoder, Audio Encoder, Encoder</p> |
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