VigilLink VLDT-AA2D Dante 2CH Analog Audio Decoder with PoE User Manual

VLDT-AA2D
Dante 2CH Analog Audio Decoder with PoE
VER 1.02
User Manual

Contents

VLDT-AA2D Dante 2CH Analog Audio Decoder with PoE

Thank you for purchasing this product
Please read these instructions carefully for optimum performance and safety 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 electrical spikes may damage, 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 Decoder is an audio receiver based on the Dante Ultimo solution. It supports balanced/unbalanced audio output and 3- level gain adjustment. It receives audio signals from the transmitting end through a network (Dante), then decodes and outputs the audio as analog audio. It supports the PoE function.

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
☆ Supports DC 12V power supply and PoEfunction (IEEE802.3af Class 0)
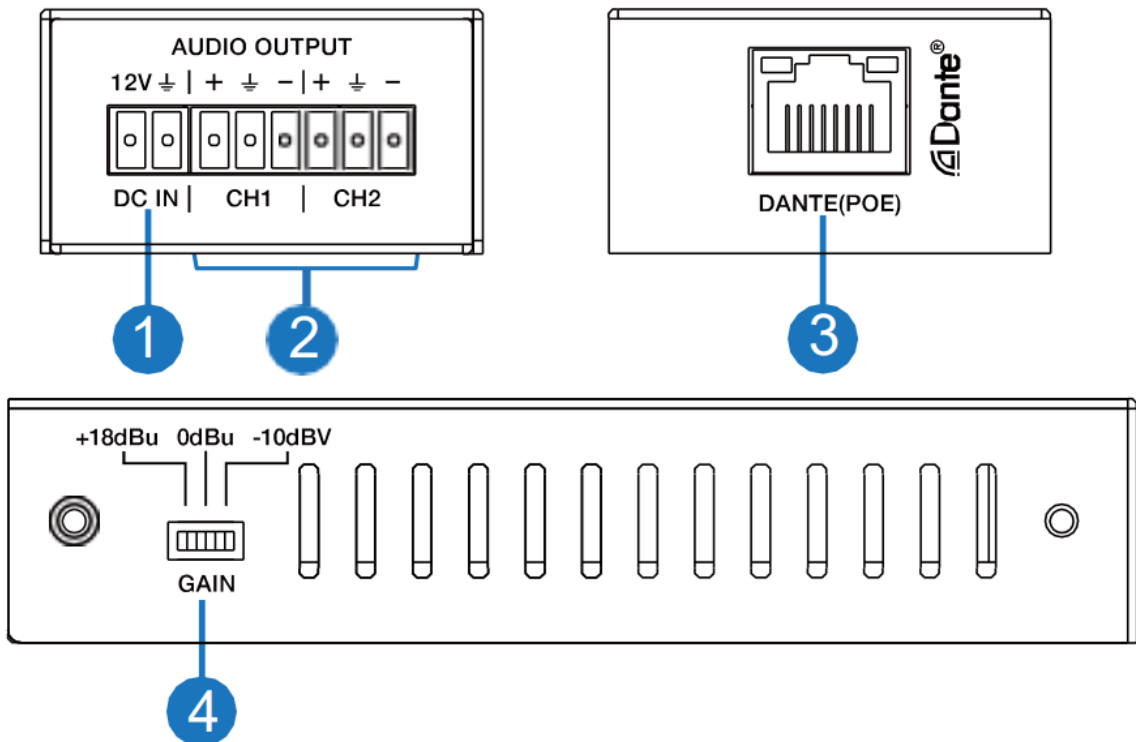
Package Contents

1. 1× Dante 2CH Analog Audio Decoder

2. 1× 6pin-3.81mm Phoenix Connector (male)

3. 1× 2pin-3.81mm Phoenix Connector (male)

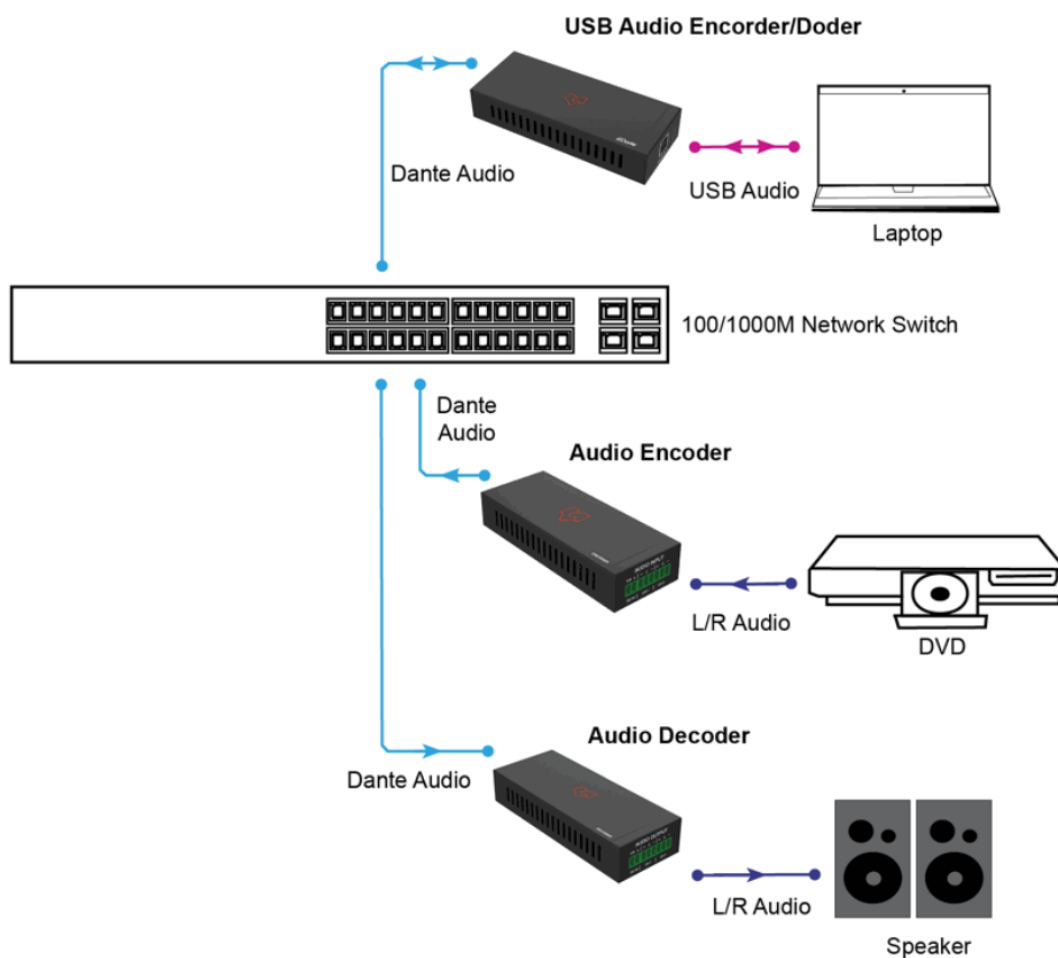4. 1× User Manual

Specifications

Technical	
Video Network Bandwidth 100M	
Audio Formats	PCM 2.0 44.1kHz/48kHz/96kHz up to 24bit
Transmission Distance	100m (Cat 6/6A)
Control Method	Dante Controller
Connection	
Inputs	lx DANTE [RJ45 connector, PoE] lx PWR [2-pin phoenix, 3.81mm]
Output	1x AUD [6-pin phoenix, 3.81 mm]
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	1.32W
Operation Temperature	32 – 104°F / 0 – 40°C
Storage temperature	-4 – 140°F / -20 – 60°C
Relative Humidity	20 – 90% RH (Non-Condensation)

Operation Controls and Functions

No.	Name	Function Description
1	DC IN	DC 12V power input port.
2	AUDIO OUTPUT (CH1/CH2)	Two-channel analog audio output ports, supporting balanced and unbalanced audio.
3	DANTE (PoE)	Dante digital audio input port. Connect to the Network Switch through the RJ45 line, supporting the PDpower supply. The green LINK LED is always on after a standard connection. The yellow DATA LED flashes when there is data transmission.
4	GAIN switch	Used for audio output gain adjustment, respectively +18dBu, OdBu (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

VigilLink VLDT-AA2D Dante 2CH Analog Audio Decoder with PoE [pdf] User Manual
VLDT-AA2D Dante 2CH Analog Audio Decoder with PoE, VLDT-AA2D, Dante 2CH Analog Audio Decoder with PoE, Audio Decoder with PoE, Decoder with PoE