MuxLab

Techical Spec sheet

Dante 2-Channel HDMI Audio Encoder

500602





Overview

This Dante 2-Channel HDMI Audio Encoder (model: 500602) permits non-Dante compatible HDMI audio equipment to interface with Dante compatible professional audio equipment. The unit allows the transmission of full-range (20Hz to 20KHz) two-channel HDMI audio signals over the network to Dante equipment. It can be powered using PoE from any PoE network switch. In addition, it supports local USB-C port power supply.
The adapter supports audio sampling rate conversion and pure digital signal conversion without signal loss.

Applications

- Conference Rooms
- Education
- Retail Stores
- Hotels
- Restaurants
- Conference Center
- Hospitals

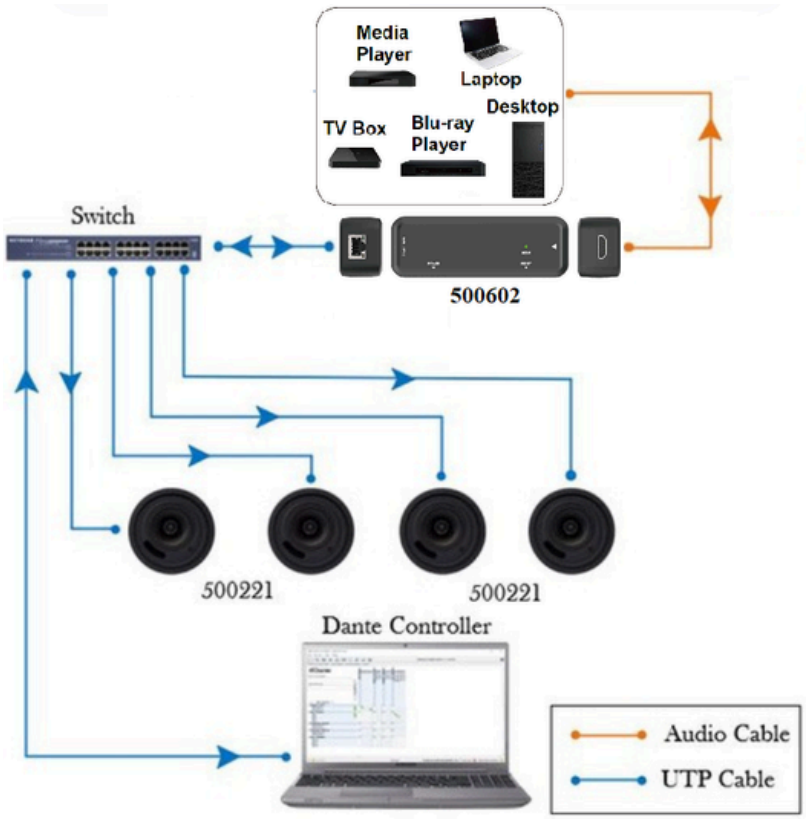
Key Features

- HDMI audio equipment to Dante audio equipment
- Supports two-channel HDMI audio input
- HDMI audio supports two-channel 32kHz to 192kHz (24bit)
- Dante audio output supports 44.1kHz, 48kHz, 88.2kHz and 96kHz (24bit)
- Supports Dante audio delay 1, 2, 5ms
- Supports USB-C port power supply and PoE function (IEEE802.3af Class 0)
- Supports AES67 RTP audio transport

Specification

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	1 x USB-C [12-pin female] 1 x HDMI [Type A, 19-pin female]
Output	1 x DANTE [RJ45 connector, POE]
Mechanical	
Housing	Plastic Enclosure
Color	Black
Dimensions (WxDxH)	115mm[W] x 40mm[D] x 28mm[H]
Weight	90g
Power Supply	USB-C: 5VDC PoE input: IEEE802.3af Class 0
Power Consumption	1.8W (Max)
Operation Temperature	32 - 104°F / 0 - 40°C
Storage temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)
Warranty	2 years
Order Information	500602 Dante 2 Channel HDMI Audio Encoder (UPC: 627699006023)

Diagram



2321 Cohen | St-Laurent , H4R 2N7 | Québec, Canada Tel: 514-905-0588 | Fax: 514-905-0589 | Toll free: 1-877-689-5228 info@muxlab.com | salesteam@muxlab.com | www.muxlab.com