

# CPLUS-V4H2HP-DTDA

## UHD+ 4x2 HDMI Matrix with Dante and Dolby Digital & DTS Stereo Audio Decoder



Dante® (digital audio network through Ethernet) is a powerful technology that allows many audio channels to be sent and received through Ethernet. CPLUS-V4H2HP-DTDA integrates Dante® technology, 4x2 MATRIX and DSP audio processor allows the user to route four 18Gbps HDMI input signals to any of two 18Gbps HDMI and Dante® digital audio outputs. Dante digital audio output enables audio transport of up to two stereo audio signals over a network using standard Internet protocols. It also supports AES67 and Audinate Dante® Controller. Ethernet is used for remote control while a front panel with buttons optimized for use in challenging environments, allows full local control of all features. The DSP processing technology are with new adaptive feedback and noise cancellation functions.

The integration of Dante® audio out facilitates system expansion when paired with many of Cypress's Dante-enabled audio processing products.

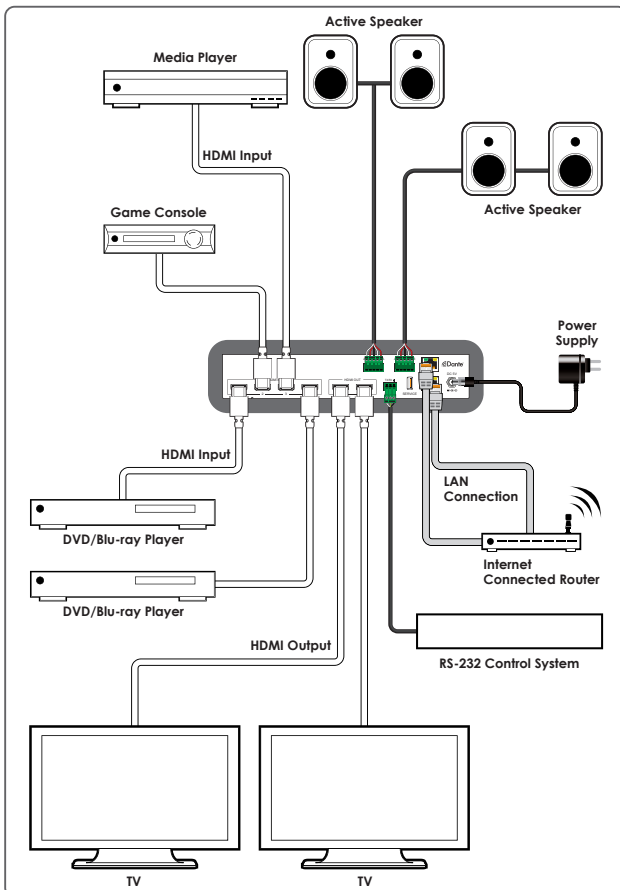
### PANELS



Front View

Rear View

### DIAGRAM



### FEATURES

- Enabled HDMI de-embedded/embedded designed to bridge 2-channel PCM HDMI audio to/from a Dante® audio network.
- Balance Audio out can be switch between HDMI De-embedded audio or Dante-In source
- Dante® audio networking utilizes standard IP networks to transmit high-quality, uncompressed audio with near-zero latency
- Supports PCM 2Ch, Dolby Digital, Dolby Digital Plus, DTS, DTS-HD, DTS-HD MA formats/Decode (Downmix to 2 Ch)
- Non-compress audio performance
- Sample-accurate time alignment between networked devices
- Real-time latency statistics, Clock status statistics and signal presence exposed to network

### SPECIFICATIONS

#### Interfaces

<b>Input Port</b>	4 x HDMI (Type-A)
<b>Output Port</b>	2 x HDMI (Type-A) 2 x Stereo Analog Out (5-pin Terminal Block)
<b>Control I/O</b>	1 x RS-232 (3-pin Terminal Block) 1 x LAN (RJ-45)
<b>Service Port</b>	1 x USB 2.0 (Type-A)
<b>Ethernet Port</b>	1 x LAN (RJ-45)

#### Video

<b>HDMI Compliance</b>	HDMI 2.0 (DVI 1.0)
<b>HDCP Compliance</b>	2.x
<b>Input Signal Types</b>	4096x2160@60 8bit YUV 4:4:4
<b>Output Signal Types</b>	4096x2160@60 8bit YUV 4:4:4

#### Resolutions

<b>Maximum Input</b>	HDMI	4096x2160p@60
<b>Maximum Output</b>	HDMI	4096x2160p@60

#### Audio

<b>Analog Out</b>	DAC	Max Audio Level: 4.2Vrms Impedance: 5kOhm Type: Balanced S/N Ratio: > 70dB (1kHz with 0dBFS)
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#### Power

<b>Power Supply</b>	5V/2.6A
<b>Power Consumption</b>	10.45W

#### Enclosure

<b>Chassis Material</b>	Metal (Steel)
<b>Chassis Color</b>	Black
<b>Dimensions (WxHxD)</b>	240mmx 43mmx 104mm [Case Only] 240mmx 48mmx 112mm [All Inclusive]
<b>Weight</b>	826 g

### ORDERING INFORMATION

<b>Model No.</b>	Product Description
<b>CPLUS-V4H2HP-DTDA</b>	UHD+ 4x2 HDMI Matrix with Dante and Dolby Digital & DTS Stereo Audio Decoder
<b>AIP-D4101</b>	4 Balance In, Analog Audio to Dante
<b>AIP-D1401</b>	4 Balance Out, Dante to Analog Audio