CP-HDA2 HDMI Audio Splitter/De-embedder User Manual

Please read this manual carefully before using this product.

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SAFETY PRECAUTIONS

Please read all instructions before attempting to unpack, install or operate this equipment and before connecting the power supply.

Please keep the following in mind as you unpack and install this equipment:

• Always follow basic safety precaution to reduce the risk of fire, electrical shock and injury to persons.

• To prevent fire or shock hazard, do not expose the unit to rain, moisture or install this product near water.

• Never spill liquid of any kind on or into this product.

• Never push an object of any kind into this product through any openings or empty slots in the unit, as you may damage parts inside the unit.

• Do not attach the power supply cabling to building surfaces.

• Use only the supplied power supply unit (PSU). Do not use the PSU if it is damaged.

• Do not allow anything to rest on the power cabling or allow any weight to be placed upon it or any person walk on it.

• To protect the unit from overheating, do not block any vents or openings in the unit housing that provide ventilation and allow for sufficient space for air circulate around the unit.

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Introduction

CP-HDA2 is a high-quality HDMI audio splitter/de-embedder, with 1 HDMI and 1 split stereo audio output, HDCP compliant and HDTV compatible.

The antistatic case design of CP-HDA2 provides good protection for stable performance, and its transmission resolution ups to 1920*1200@60Hz.
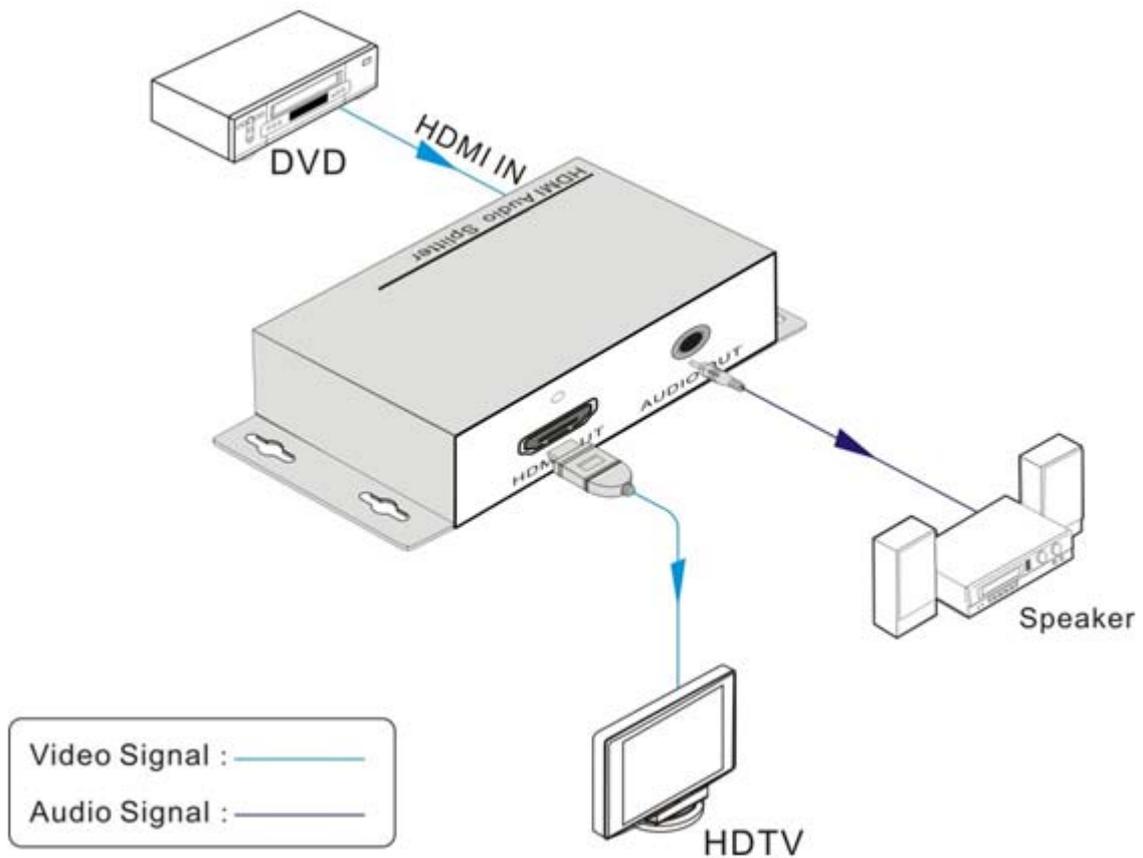
1. Features

- De-embed and split the HDMI audio to two different formats output.
- Built-in HDCP internal management, HDMI 1.3.
- HDTV compatible with High Definition Transmission up to 1920*1200@60Hz resolution (max).
- Bandwidth: 340 MHz (10.2 Gbit/s).
- Wall/table-mountable aluminium enclosure, PT case design.
- Antistatic case design: providing good protection for long-term and stable performance

2. Specification

Video Input		Video Output		
Input	1 HDMI	Output	1 HDMI 1 Stereo Audio	
Input Connector	HDMI 1.3	Output Connector	HDMI 1.3 3.5mm jack	
Input Level	T.M.D.S. 2.9V/3.3V	Output Level	T.M.D.S. 2.9V/3.3V	
Input Impedence	50Ω	Output Impedence	50Ω	
Video General				
Gain	0 dB	Bandwidth	340 MHz (10.2 Gbit/s)	
Video Signal	HDMI 1.3	Maximum Pixel Clock	165MHz	
Resolution Range	Up to 1920 x 1200 or 1080P@60Hz	Delay Time	5nS (±1nS)	
Consumer Electronics Control (CEC)	Supports CEC wired infrared data pass-through using the HDMI 1.3 standard			
HDCP Management	Compliant with High-bandwidth Digital Content Protection (HDCP) using DVI and HDMI 1.3 standards.			
Audio General				
Frequency Response	20Hz ~ 20KHz	CMRR	>70dB@20Hz~20KHz	
SNR	>80dB	Bandwidth	20Hz ~ 25KHz	
Stereo Channel Separation	>75dB@20Hz ~ 20KHz	THD + Noise	1%@1KHz, 0.3%@20KHz	
General				
Power Supply	100VAC ~ 240VAC, 50/60Hz	Power Consumption	3W	
Temperature	-20 ~ +70℃	Humidity	10% ~ 90%	
Case Dimension	W52.5 x L92 x H28 mm	Product Weight	0.2Kg	

3. System Diagram

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