CDA-HD12018G

1x2 HDMI Full UHD 4K60 18Gb Splitter (YUV:444)

User manual

V1.0C

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.

I. Introduction

This 1 x 2 HDMI UHD Splitter with HDCP 2.2 is an advanced solution for splitting a single HDMI input to two HDMI outputs. It provides high performance audio and video output through HDMI cables up to 4K2K@60Hz (YUV444) resolution and is capable of receiving and transmitting up to 18Gbps of bandwidth with no data loss.

II. Features

1. Compliant with HDMI2.0, HDCP2.2 and DVI 1.0

2. Supports video format up to 4k2k@30Hz with 24bit RGB/YcbCR 4:4:4/YCBCR 4:2:2,and up to 4k2k@60Hz with 12bit YCBCR 4:4:4

3.Supports 3D frame sequential video format up to 1080p@60

4.Supports high resolution VESA mode video format up to QSXGA@60Hz

5.Supports LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio

6.Supports smart EDID control

III. Package Contents

1. UHD 1x2 HDMI Splitter -- 1pc

2. 5V1A DC Power adapter -- 1pc

3. Operation Manual -- 1pc

IV. Specifications

1.Video Bandwidth600MHz/18Gbps

2.Input Ports1 × HDMI (Female)

3.Output Ports2 × HDMI (Female)

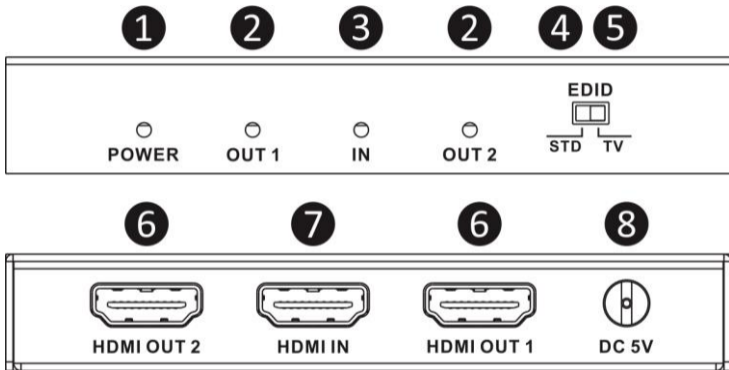4.Output Resolution480i ~1080p50/60, 4Kx2K@24/30, 4k2k@60Hz

5.ESD Protection Human Body model:±8 kV (air-gap discharge)

±4 kV (contact discharge)

8.	Power Supply	5V/1A DC (US/EU standards, CE/FCC/UL certified)
9.	Dimensions	56 mm (W) × 100 mm (D) × 16 mm (H)
10.	Weight	165 g
11.	Chassis Material	Metal
12.	Operating Temperature	0 °C~40 °C/ 32 °F~104 °F
13.	Storage Temperature	−20 °C ~ 60 °C/−4 °F ~140 °F
14.	Relative Humidity	20~90 % RH (non-condensing)
15.	Power Consumption (Max)	5W

V. Operation controls and Functions

Front Panel & Rear Panel

1. **POWER:** A blue LED will illuminate when the device is connected to the power supply

2. **OUT 1, OUT 2:** The blue LEDs will light up to indicate which HDMI outputs are connected

to an active TV/display/monitor.

3. **IN:** A blue LED will illuminate when the source is connected to the device.

4. **EDID STD:** When in "STD" mode, the unit will use its own built-in EDID settings. In this mode, the video output will be set to 1080p@60Hz and the audio output at LPCM 2CH Stereo.   NOTE: Use this mode if there are display problems in TV Mode.

5. **EDID TV:** When in "TV" mode, the unit will read the EDID settings of the display device connected to HDMI OUT 1. If it detects a 4K2K capable EDID setting it will transmit the signal in that format to all outputs. If no 4K2K capable EDID is detected then the unit will output the best resolution that all displays can support.

6. **HDMI OUT 1~2:** Connect each of the HDMI outputs to an HDMI display for simultaneous HDMI distribution, or cascade the output to another transmitter.

7. **HDMI IN:** Connect the input port to the HDMI or DVI (adapter not included) output of your source device.

8.   DC 5V: Plug the 5V DC power supply into the unit and connect the adaptor to an AC outlet.

VI. Application Example