

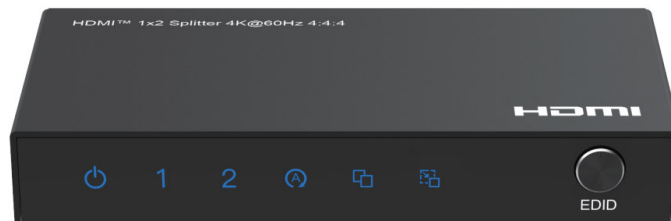
User Manual

VALUE HDMI Splitter 1x2, 4K60Hz

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Package Content

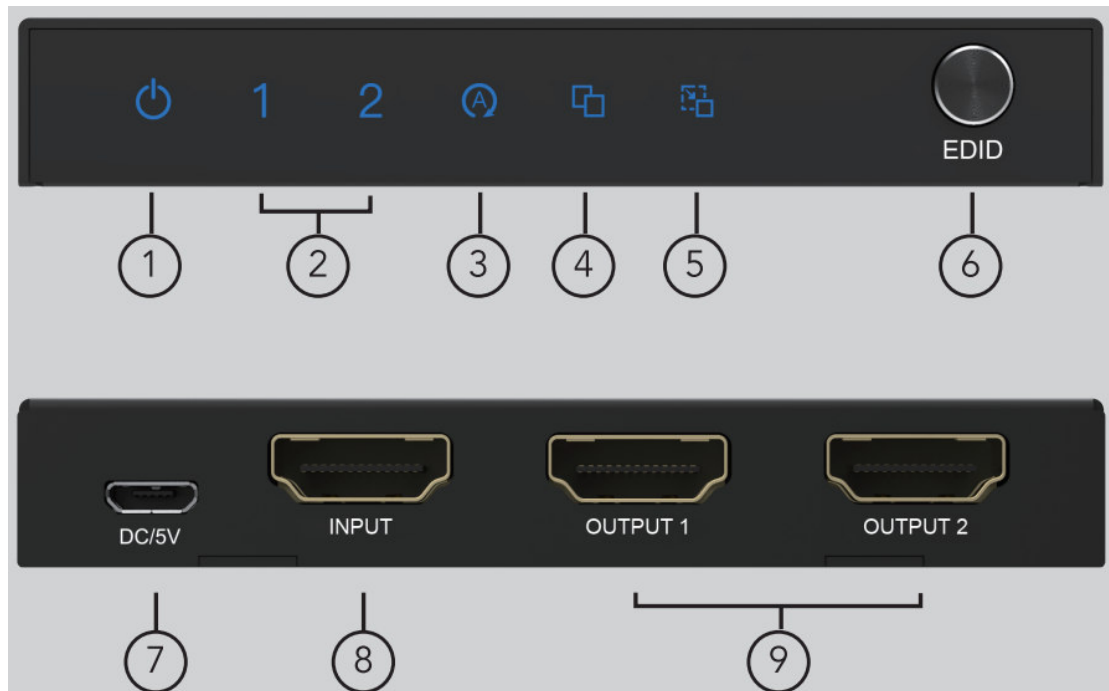


Main Unit



USB Power Cable

Ports and Interfaces



1. : Power LED

2. 1-2: HDMI Output 1-2 LED Indicator

3. : Auto Mode LED Indicator

ON Normal Auto EDID Mode: Retrieves the lower resolution and audio format of both outputs for the input device to output that signal to both outputs.

4. : Copy Mode LED Indicator

ON: Copy EDID Mode: Copies the resolution and audio format of output 1 for the input device to output that signal to both outputs.

5. : Downscaler Mode LED Indicator

ON: Downscaler EDID Mode: Mixed resolutions are supported. For two screens with same refresh rates, but different resolutions, one of the two output signals can be downscaled from 4K to 1080p.

6. EDID: Three EDID select buttons for downscaler, auto and copy mode

7. DC/5V: USB DC 5V Input

8. INPUT: HDMI Input port

9. OUTPUT 1-2: HDMI Output ports 1-2

Connection Diagram



Introduction

This HDMI™ 4K splitter 1x2 lets you share two HDMI™ displays or projectors with an HDMI-enabled audio / video source device. This 4K splitter is backward compatible with previous HDMI™ revisions, supporting 1080p / 720p HDMI™ video resolution devices. Even if you do not require 4K video today, the HDMI™ 4K Splitter 1x2 ensures that you'll be ready to take advantage of tomorrow's display technology. It features three different EDID modes: auto/copy/downscaler.

Features

- Supports the three different EDID modes auto/copy/downscaler:
 1. Normal Auto EDID Mode: Retrieves the lower resolution and audio format of both outputs for the input device to output that signal to both outputs.
 2. Copy EDID Mode: Copies the resolution and audio format of output 1 for the input device to output that signal to both outputs.
 3. Downscaler EDID Mode: Mixed resolutions are supported. For two screens with same refresh rates, but different resolutions, one of the two output signals can be downscaled from 4K to 1080p.
- Supports full 3D video format
- High resolution up to 4K@60Hz YUV 4:4:4
- HDCP 2.2 and HDCP 1.4
- High Dynamic Range (HDR) video
- 600MHz/6Gbps per channel (18Gbps all channels) bandwidth
- 12bit per channel (36bit all channels) deep color
- Uncompressed audio such as LPCM
- Compressed audio such as DTS, Dolby Digital (including DTS-HD Master Audio™ and Dolby TrueHD)

Specifications

Input Ports	HDMI x1
Output Ports	HDMI x2
Vertical Frequency Range	50/60Hz
Video Amplifier Bandwidth	6.0Gbps/600MHz per channel(18Gbps all channels)
Interlaced(50&60Hz)	480i,576i,1080i
Progressive(50&60Hz)	480p,576p,720p,1080p,4K@24/30Hz,4K@50/60Hz
Operating Temperature	0°C to 70°C
Storage Humidity	5% to 90% RH non-condensation
Power Supply	USB Power Cable
Power Consumption (Max)	5W
Splitter	CE
Power Adapter Standard	EU.
Dimension(LxWxH)	90*44*14mm
Net Weight	87g
Material	Metal

Note: Specifications are subject to change without notice.

Troubleshooting

Problems	Causes	Solutions
Power light is off and the product is not working	Is the USB power cable properly connected and the power on/off button is on?	Please check if the power adapter is connected properly and switch on the power on/off button.
Screen splash	HDMI cable may not be HDMI 2.0 specification or the cable is too long.	Please use a HDMI 2.0 cable. The input/output cable length must not exceed 5M. For 4K/60Hz 4:4:4. For 4K@30Hz/1080p 10M are possible.
No picture output, only sound output, or output of pink screen	Maybe the displays cannot support the resolution or HDCP.	Change to a lower resolution of the input HDMI signal or change to a non-HDCP input source or HDCP compliant displays or devices
No picture on an FHD TV when a 4K@60Hz source is connected and at the same time a normal picture on a 4K HDR supported TV	Maybe the downscaler function cannot support the input signal, such as 4K@60Hz 4:2:2 HDR signal (Dolby Vision) or the output device has a fixed 4K@60Hz output.	The downscaler function only supports the downscaling of 4K@60Hz 4:4:4 and 4:2:0 (HDR 10) signals to 1080p signals. If not, there will be no picture output on the FHD TV. You must select a supported downscaler signal input.



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