

800714
1x2 4K HDMI Splitter



User manual

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 by 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. Supporting the latest features you can be assured of reliable and high quality HDMI distribution.

II. Features

1. Compliant with HDMI2.0, HDCP2.2 and DVI 1.0;
2. Support 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. Support 3D frame sequential video format up to 1080p@60hz;
4. Support 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

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|--------------------------------|-----|
| 1. UHD 1x2 HDMI Splitter ----- | 1PC |
| 2. 5V1A DC Power adapter ----- | 1PC |
| 3. Operation Manual ----- | 1PC |



IV. Specifications

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| 1. | Video Bandwidth | 600MHz/18Gbps |
| 2. | Input Ports | 1 × HDMI (Female type) |
| 3. | Output Ports | 2 × HDMI (Female type), |
| 4. | Output Resolution | 480i ~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. | Chassis Material | Aluminum |
| 10. | Operating Temperature | 0 °C~40 °C/ 32 °F~104 °F |
| 11. | Storage Temperature | - 20 °C ~ 60 °C/-4 °F ~140 °F |
| 12. | Relative Humidity | 20~90 % RH (non-condensing) |
| 13. | Power Consumption (Max) | 5W |



V. Front Panel & Rear Panel



1. **POWER LED:** This LED illuminate when the device is connected with power supply.
2. **OUT LED:** These LEDs will light up to indicate which HDMI outputs are connected to an active TV/display/monitor.
3. **IN LED:** This LED illuminate when the Source connected to the device.
4. **EDID LED:**When you press the EDID key to choose A or B mode,the corresponding LED of A B will light up and turn blue.
5. **EDID key:** Use this button to switch EDID A or B mode. (You only need to use it when your screen doesn't display properly.)
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 to extend the operating distance.
(Note:it is suggested that when customers use TVs with different resolutions, it is best to connect OUT1 to a TV with a lower resolution.)
7. **HDMI IN:** Connect the input port to the HDMI or DVI output of your source device such as a DVD player or set-top box with an HDMI cable.
8. **DC 5V:** Plug the 5V DC power supply into the unit and connected the adaptor to an AC outlet.

Note:

EDID A B modes,

A mode is Copy EDID: Output 1 is prior port, when output 1 is connected to display, another display which connected to output 2 will follow the resolution of output 1.

B mode is Mixed EDID: their outputs will follow the resolution of their own displays, so you may enjoy 2 resolution simultaneously when you use TVs with different resolution.

it is designed to be an auxiliary setting for customers to make the picture play normally under different usage environments. Not required that the customer must choose the A or B mode to display. Generally speaking, after the client is connected, if it displayed normally, then it will not need to press A and B to deliberately debug it.

And the EDID explanation in the manual is just a reference in most cases, not a fixed situation, which will vary due to different test environments.

Attention:

In order to protect the splitter and your devices, please make sure the splitter is powered off before you attach in or extract video source and displays. Please insert and extract HDMI cables gently.

