HDMI Splitter



Quick Start Guide

What’s included



Main Unit



USB Power Cable

Ports and Interfaces







1. HDMI IN: HDMI INPUT Male Port with fixed HDMI cable

2. MICRO USB: USB DC 5V Input

3. POWER: Power LED

4. RESET: USB DC 5V Input

5. OUTPUT 1-2: HDMI Output 1-2 port

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

Connection Diagram



Introduction

The HDMI™ 4K splitter 1x2 with pigtail lets you share two HDMI™ displays or projectors with an HDMI-enabled audio / video source device. With support for Ultra HD (4K@60Hz) the HDMI™ splitter ensures astonishing picture quality, four times the resolution of HD 1080p@60 Hz. The 4K splitter is also backward compatible with previous HDMI™ revisions, supporting 1080p / 720p HDMI™ video resolution devices. Even if you don't require 4K video today, the HDMI™ 4K Splitter 1x2 ensures you'll be ready to take advantage of tomorrow's display technology. With one fixed 0.6 meters HDMI™ cable (pigtail), this splitter is cost-effective and time-saving.

Features

\* Support downscale function means the product can downscale the input 4K resolution to 1080p by the FHD (1080p) displays and 4K resolution to the 4K displays simultaneously.

\* Support full 3D video format

\* Support high resolution up to 4K@60Hz YUV 4:4:4

\* Support HDCP 2.2 and HDCP 1.4

\* Support High Dynamic Range (HDR) video

\* Support 600MHz/6Gbps per channel (18Gbps all channels) bandwidth

\* Support 12bit per channel (36bit all channels) deep color

\* Support uncompressed audio such as LPCM

\* Support compressed audio such as DTS, Dolby Digital (including DTS-HD Master Audio™ and Dolby TrueHD)

Specification

|  |  |
| --- | --- |
| Input Ports | HDMI x 1 |
| Output Ports | HDMI x 2 |
| 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 |
| Limited Warranty | 1 Year Parts and Labor |
| Operating Temperature | 0℃ to 70℃ |
| Storage Humidity | 5% to 90% RH non-condensation |
| Power Supply | USB Power Cable  |
| Power Consumption (Max) | 5W |
| Splitter Unit Cert | FCC, CE, RoHS |
| Power Supply Cert | FCC, CE, RoHS |
| Power Adapter Standard | US, EU, UK, AU Standard etc. |
| Dimension(LxWxH) | 65x54.5x20.5mm |
| Net Weight | 92g |
| Material | ABS |
| User Manual | English Version |

Note: Specifications are subject to change without notice.

Troubleshooting

|  |  |  |
| --- | --- | --- |
| Problems | Causes | Solutions |
| Power light is off and 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 the standard HDMI 2.0 cable, the output cable length does not exceed 5M 4K/60Hz 4:4:4, 4K@30Hz/1080p can reach to 10M |
| No picture out only sound out or output pink screen | Maybe the displays can’t support the resolution or the HDCP | Change a lower resolution of the input HDMI signal to check whether this issue or not; if not, maybe the customer should change a non-HDCP input source or HDCP compliant displays or devices |
| No picture out to a FHD TV when connecting a 4K@60Hz source, and have normal picture to the 4K HDR supported TV at the same time | Maybe the downscaler function can`t support the input signal, such as 4K@60Hz 4:2:2 HDR signal(Dolby Vision) or when connect one FHD TV with a fixed 4K@60Hz output device | The downscaler function only support the 4K@60Hz 4:4:4 and 4:2:0(HDR 10) signal downscaler to 1080p signal, or there will not have picture output to the FHD TV, the customer need change a supported downscaler signal input.  |



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