



**HDMI Mini Splitter 1X2 Pigtail v2.0  
with HDCP Key 4Kx2K@60Hz  
HDCP2.2 Downscaler**

**USER MANUAL**

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## 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.

### Surge protection device recommended

This product contains sensitive electrical components that may be damaged by electrical spikes, surges, electric shock, lightning strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the life of your equipment.

# Registration page

Please Activate your warranty by registering our product through the link below - [www.orei.com/register](http://www.orei.com/register)

## **Technical Support**

### ***Need Help?***

Our experienced Technical Support Team is here for you to answer your questions, give technical advice or help troubleshoot your project to get you installed on time and on budget. Call, email or chat with us now.

### **OREI Live Technical Support Hours**

US team (US/Canada/Mexico): Monday-Friday, 9 a.m. - 6 p.m. Central Time

**Support Email** - [info@orei.com](mailto:info@orei.com) | **Support Number** - 877-290-5530

Or

### **Chat Live on [www.orei.com](http://www.orei.com)**

Send us an instant message now. Our Technical Support Team will respond momentarily. Available during live support hours.

**Scan the QR code to watch a Video  
of How to Use the product.**



# 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

1. 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.
2. Support full 3D video format
3. Support high resolution up to 4K@60Hz YUV 4:4:4
4. Support HDCP 2.2 and HDCP 1.4
5. Support High Dynamic Range (HDR) video
6. Support 600MHz/6Gbps per channel (18Gbps all channels) bandwidth
7. Support 12bit per channel (36bit all channels) deep color
8. Support uncompressed audio such as LPCM
9. Support compressed audio such as DTS, Dolby Digital (including DTS-HD Master Audio™ and Dolby TrueHD)

## Package Contents

Main Unit

Micro USB Power Cable

User Manual

# Specifications

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°C to 70°C
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 only sound out or output pink screen	Maybe the displays can't support the resolution or the HDCP	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.

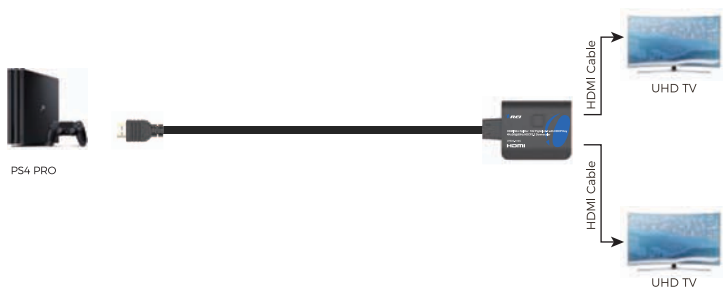
# Operation controls and functions



- 1 HDMI IN:** HDMI INPUT Male Port with fixed HDMI cable
- 2 RESET:** USB DC 5V Input
- 3 OUTPUT 1-2:** HDMI Output 1-2 port
- 4 OUTPUT 1-2:** HDMI Output 1-2 LED Indicator
- 5 MICRO USB:** USB DC 5V Input
- 6 POWER:** Power LED



# Connection Diagram



**HDMI™**  
HIGH-DEFINITION MULTIMEDIA INTERFACE

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