



18Gbps 1x8 HDMI Splitter

USER MANUAL

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Thank you for purchasing this product

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 service life of your equipment.

Registration Page

Please Activate your warranty by registering our product through the link below - 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 | **Support Number** - 877-290-5530

Or

Chat Live on 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 18Gbps 1x8 HDMI Splitter is an advanced solution for splitting single HDMI signal to 8 HDMI outputs synchronously. It supports up to 18Gbps bandwidth, HDMI 2.0b/HDCP 2.2 content up to 4K@60Hz 4:4:4. It can be set the COPY/AUTO EDID configuration. Supporting the latest features you can be assured of reliable and high quality HDMI distribution.



1. HDMI 2.0b and HDCP 2.2 compliant
2. Support 18Gbps video bandwidth
3. Support video resolution up to 4K@60Hz 4:4:4
4. Support HDR function
5. Support STD/TV EDID control via dialling the dip switch
6. Compact design for easy and flexible installation

Package Contents

1.	18Gbps 1×8 HDMI Splitter	1 pcs
2.	12V/1A DC Locking Power Adapter	1 pcs
3.	User Manual	1 pcs

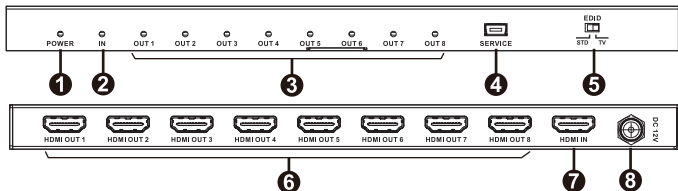
Specifications

Technical	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2
Video Bandwidth	594MHz/18Gbps
Video Resolution	480i ~1080p50/60Hz, 4Kx2K@24/30Hz, 4k2k@60Hz
HDMI Audio Formats	PCM 2CH, LPCM 7.1/5.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos and DTS:X
ESD Protection	Human body model – ±8kV (air-gap discharge) & ±4kV (contact discharge)
Connection	
Input	1×HDMI IN [Type A 19-pin female]
Output	8×HDMI OUT [Type A 19-pin female]
Control	1×SERVICE [Micro USB, Update port]

Specifications

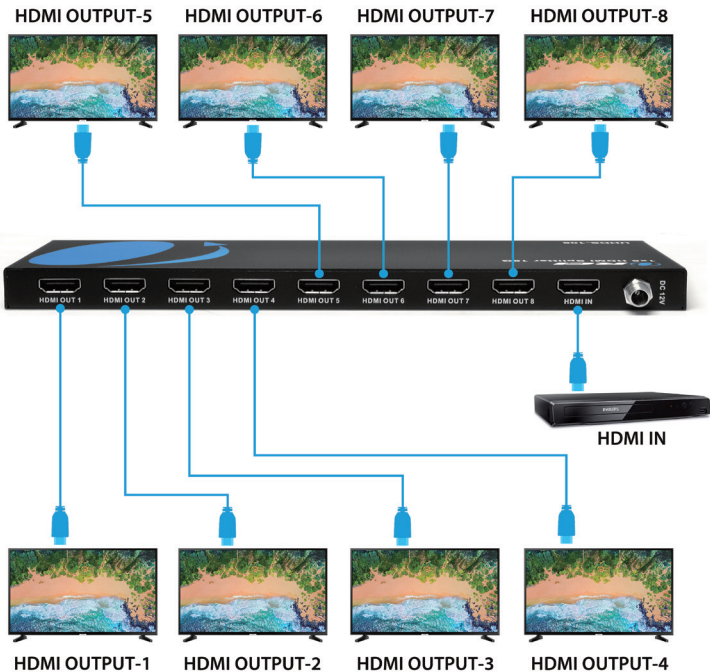
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	243mm (W) × 102mm (D) × 16mm (H)
Weight	572g
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Relative Humidity	20-90% RH (Non-condensing)
Power Consumption (Max)	6.15W
Power Supply	Input: AC100 - 240V 50/60Hz, Output: DC 12V/1A (US/EU standards, CE/FCC/UL certified)

Operation Controls and Functions

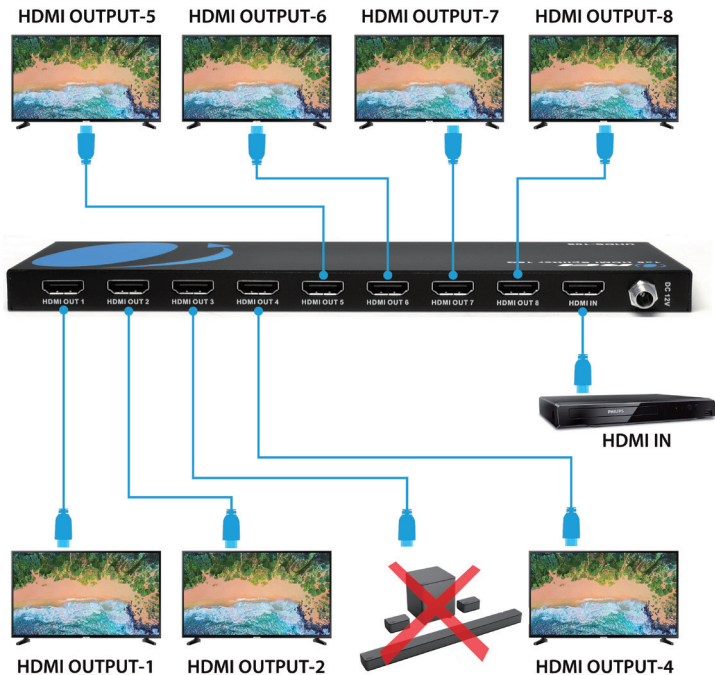


No.	Name	Function Description
1.	POWER LED	This blue LED will illuminate when the device connects power supply.
2.	IN LED	This blue LED will illuminate when HDMI IN port connects an active source device.
3.	OUT LED (1-8)	These blue LEDs will illuminate when HDMI OUT ports connect active display devices.
4.	SERVICE	Firmware update use only.
5.	EDID STD/TV	<p>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. Use this mode if there are display problems in TV Mode.</p> <p>EDID TV: When in 'TV' mode (COPY OUT1), INPUT EDID is set to COPY OUT1, the unit supports Downscaler function: If the HDMI OUT1 port is connected with 1080P TV, all output is bypass; If the HDMI OUT1 port is connected with 4K TV, 4K output is bypass, 1080P output will be down-scaled.</p>
6.	HDMI OUT 1-8	Connect to the HDMI display devices such as TVs or Monitors with HDMI cable.
7.	HDMI IN	Connect to the HDMI source device such as DVD player or set-top box with HDMI cable.
8.	DC 12V	Plug the DC 12V power supply into the unit and connect the adaptor to an AC outlet.

Application Example



Application Example



NOT FOR EXTRACTING AUDIO



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Splitter**

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