



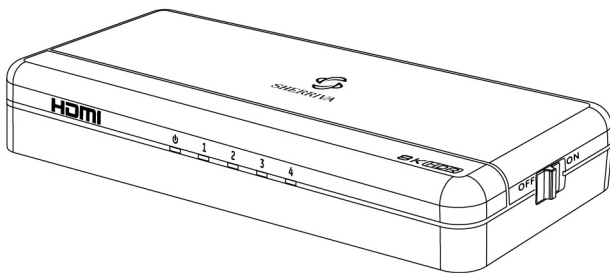
SHERRIVA

Splitter - 1 input 4 outputs

with auto down-scaling

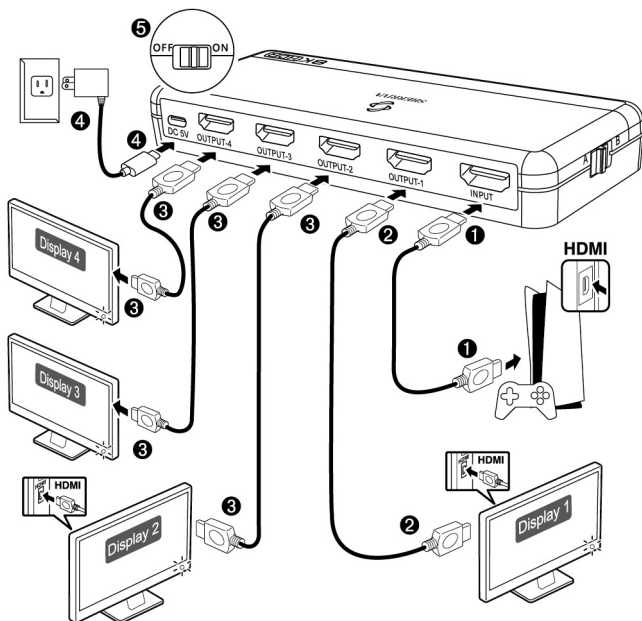
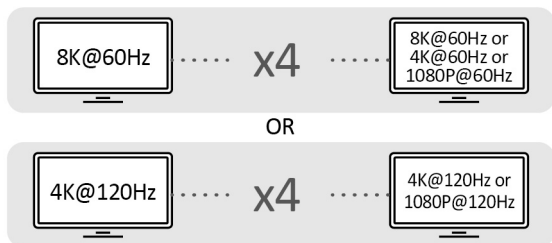
Incorporates HDMI® technology

- HDMI 2.1 8K
- HDCP 2.3 Compliant



UHD-1480

QUICK START GUIDE



- Step 1. Connect the HDMI cable from your source to the input port **INPUT** of the splitter.
- Step 2. Connect the HDMI cable from the first display to the output port **OUTPUT-1** of the splitter.
- Step 3. If there are four displays, connect them sequentially to the output ports **OUTPUT-2** to **OUTPUT-4** of the splitter following the above wiring method.
- Step 4. Connect one end of the power adapter (included) to a wall outlet and plug the other end into the **DC 5V** USB-C port on the splitter.
- Step 5. After completing the connection, power on both the input sources and output displays. Then, switch the toggle located on the side of the splitter to the **ON** position, the LED at the front panel will light up to indicate each connected port.

NOTE :

- ※ **HDMI cable not included.**
- ※ To enjoy best performance, please restart the power of HDMI splitter (to ensure HDCP function work at its best)

INTRODUCTION

The UHD-1480 4-port splitter seamlessly distributes HDMI video and audio from a single source to four displays simultaneously, supporting resolutions of up to 8K@60Hz and 4K@120Hz, 1080p@240Hz, as well as HDR and 7.1 surround sound.

It is designed with a built-in amplifier and equalizer to ensure stability and maintain outstanding signal quality.

With its intelligent auto video down-scaling feature, the splitter automatically detects and configures video resolution based on the capabilities of each connected monitor. It supports for mixed 8K/ 60Hz and 4K/ 60Hz display outputs. Ideal for environments containing displays of mixed resolutions. You won't need to upgrade all displays to 8K to enjoy its benefits.

This splitter is perfect for classrooms, healthcare facilities, conference rooms, showroom displays, lecture halls, retail displays, huddle spaces, and many other applications.

FEATURES

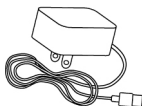
- HDMI 2.1 8K
- HDMI 2.1 4K@120
- Down-scaling for 8K content to 4K or 1080P display
- Down-scaling for HDR content to SDR display
- Support Video Data Rate 48Gbps
- HDCP 2.3 compliant
- Plastic housing design
- Gold plated connectors
- **Dual EDID mode switch.**
- Compliant with DTS-HD, Dolby TrueHD lossless compressed digital audio
- Maintain the same image quality as source, up to 8K@60Hz. (Using UHS Certificate HDMI cable)
- Amplifier and Equalizer functions enable longer HDMI cable (UHS Certificate HDMI cable 5M)
- Expand 4 HDMI outputs of your High-definition sources

PACKAGE CONTENTS

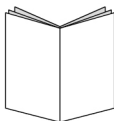
1. UHD-1480 Splitter



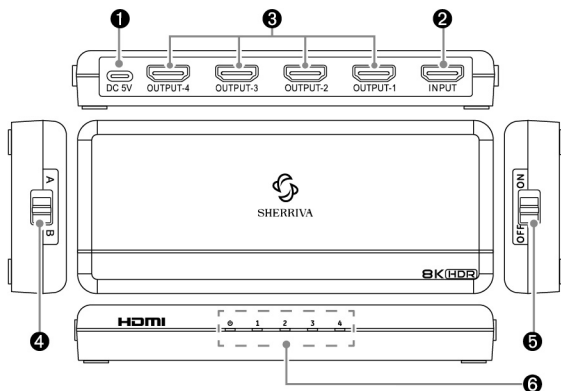
2. Power Adaptor



3. User manual



PRODUCT OVERVIEW



No.	Name	Description
1	DC 5V (USB-C)	Connect the power adaptor (included) to power the splitter.
2	INPUT	HDMI signal input port. Connect HDMI source devices like Game Console, N/B, etc
3	OUTPUT-1 OUTPUT-2 OUTPUT-3 OUTPUT-4	HDMI signal output port. Connect to display devices like monitors, TV, etc
4	EDID Switch	Toggle between 2 EDID mode. (Refer page.7 for detail)
5	Power Switch	Slide the switch left or right to power the device ON/ OFF.
6	Indication LED	When the LED is lit, it shows corresponding device activates.

EDID MODE

EDID mode selection

Detection mode	Action describe
A [Auto Detection] (Highest Common Factor Mode)	<p>【Auto detection】</p> <ol style="list-style-type: none"> 1) The video resolution and the audio source format intersect. 2) The HDMI Splitter will compare the EDID information of each sink device (UHD TV). And output of suitable video and audio content <p>※ If the connected TV has 8K and 4K, the same frame rate, it will be presented on each screen.</p> <p>※ Low-resolution TV will follow high-resolution TV frame EDID rendering if the frame is different.</p> <p>※ TVs with the same resolution and frame rate will have the same video.</p> <p>※ The audio format of the output is based on the TV's EDID.</p>
B [Auto Downscaling]	<p>【Copy the EDID of the OUTPUT-1 port】</p> <ol style="list-style-type: none"> 1) Copy the video and audio source information of OUTPUT-1, if OUTPUT-1 is not connected, take OUTPUT-2... And so on. 2) The source device will set the output signal based on OUTPUT-1 (primary sink device). <p>The source device will set the output signal based on OUTPUT-1 (primary sink device).</p> <p>※ The audio format of the output is based on the TV's EDID, highest audio format devices is suggested to connect OUTPUT-1 under B mode.</p>

Notes.

- ※ Down-scaling mechanism : it is a multiple of 2/3/4/8/16/32, it can be down-converted if it is evenly divisible

Examples:

For a multiple of 2:

Original Resolution: 8K UHD (7680 × 4320)

Down-Scaled to: 3840x2160

For a multiple of 4:

Original Resolution: 8K UHD (7680 × 4320)

Down-Scaled to: 1920×1080

- ※ 4K@30Hz monitors will display in 1080p@60Hz when the source content is 4K@60Hz.
- ※ Down scaling to 720p is not supported.
- ※ Frame rate conversion (e.g., 60Hz to 30Hz) is not supported.

When there is no picture presented, please:

Solution :

1. Make sure the direct connection from the source to the display without this unit is working.
2. Check if all connectors are connected well; and check if all HDMI cables can support the transmission speed. UHS Certification cables are recommended.
3. Check the main unit is powered on.

When resolution could not show in 8K :

Solution :

1. Make sure your sources and displays are fully supporting 8K.
2. Make sure your HDMI cables are capable of transmit 8K video signal.
3. Make sure used HDMI 2.1 certification UHS cable.

When there is only picture displayed and without sound:

Solution :

1. Check the output audio mode if you do not sure the display can support which audio format. Please select the **A mode**, and reset the HDMI Splitter. Make sure the connection is in the HDMI standard.
2. HDCP may not match very well at first connection. Please reset your HDMI Splitter by power ON/ OFF key.

SPECIFICATIONS

General	
HDMI Version	HDMI 2.1
HDCP Compliance	HDCP 2.3
Video Bandwidth	48 Gbps
Video Format	Non-DSC: Up to 8K60 4:2:0 12bit, 4K120 4:4:4 12bit DSC: Up to 8K60 4:4:4 12bit, 4K240 4:4:4 12bit
HDR	HDR, HDR10, HDR10+, Dolby Vision, HLG (Pass through)
CEC function	Out 1 Support (Pass through)
Audio Format	HDMI Standard audio (Pass through) LPCM, Dolby Digital/Plus/EX, Dolby ATMOS, Dolby True HD, DTS, DTS-EX, DTS-HD Master Audio, DSD
Connectivity	
INPUT	Type A 19-pin female (Gold plated connectors)
OUTPUT-1	Type A 19-pin female (Gold plated connectors)
OUTPUT-2	Type A 19-pin female (Gold plated connectors)
OUTPUT-3	Type A 19-pin female (Gold plated connectors)
OUTPUT-4	Type A 19-pin female (Gold plated connectors)
Power	USB-C

※ Specification subject to change without further notice.

NOTICE

- Manufacturer reserves the right to make changes in the hardware, packaging and any accompanying documentation without prior written notice.



- The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.
- UHD-1480 incorporates HDMI® technology.
- Dolby is a registered trademark of Dolby Laboratories.
- DTS is a registered trademark & the DTS logos and Symbol are trademarks of DTS, Inc.