



# Splitter incorporates HDMI technology 1 input 2 outputs with auto down-scaling

*HDMI 2.0 4K@60Hz Support*

*HDCP 2.2 Compliant*

Model: UHD-PRO102



## INTRODUCTION

Congratulations on your purchase of the OREI UHD-PRO102 HDMI splitter. Your satisfaction is very important to us. Our series of HDMI switcher and splitter are designed to make the use of your UHD TV equipment more comfortable, productive and affordable. The UHD-PRO102 allows one UHD/HD HDMI source device to support up to two UHD/HD displays. Both displays will have same quality image as the source without any loss in quality. Our UHD-PRO102 splitter also supports output auto down-scaling function to connect a 1080p display to the splitter.

For the best performance and optimal use, please read this manual carefully and keep it for further reference.

## FEATURES AND CONTENTS

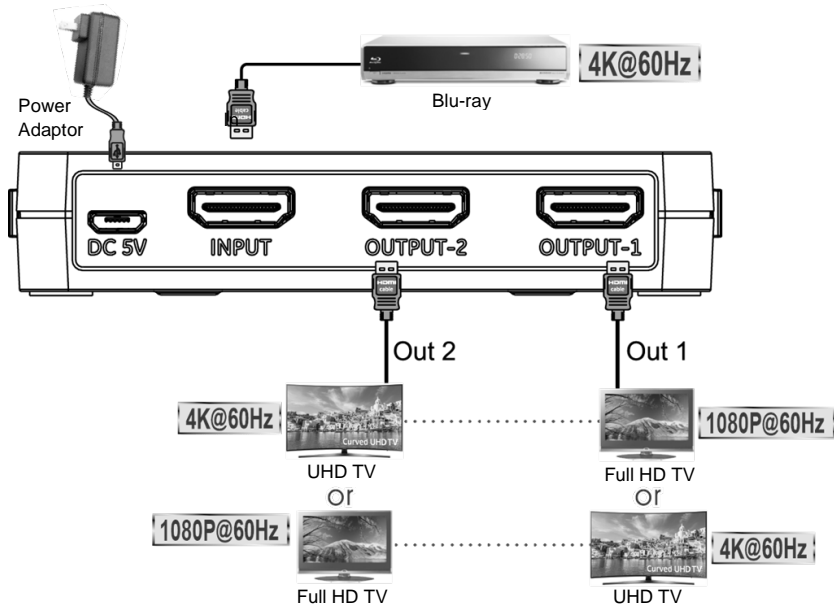
### Features:

- HDMI 2.0 Ultra HD video format supported
- Supports up to 4K@60Hz & 3D video format
- Pixel clock rate up to 18Gb/s
- Supports output down-scaling for 4K@60Hz content to 1080@60Hz display
- Dual EDID detection mode selection \*(HCF/Priority Switch)
- DTS HD, Dolby TrueHD lossless digital audio compliant
- HDCP 2.2 compliant
- Maintain the same image quality as source, up to 4K@60Hz. (Using Premium HDMI cable)
- No loss transmission with amplifier and equalizer function (up to 15 feet premium HDMI cable)
- Distribute same HDMI signal to up to 2 HDMI display devices

### Content of Package

- DC 5V power adaptor
- UHD-PRO102 HDMI Splitter
- User Manual

## CONNECTION ILLUSTRATION



## CONNECTION AND OPERATION

### Connect your devices to the HDMI Splitter

1. Connect the HDMI source to the splitter's HDMI input port using a HDMI cable.
2. Connect the displays (TV, monitor or projector) to the splitter's HDMI output ports using HDMI cable.
3. Set the splitter to appropriate detection mode (A or B) referring the chart below.
4. Plug the DC power supply to the HDMI Splitter.
5. When connections are completed and all the devices are switched on, the HDMI source will be distributed to both displays and the LED in the front panel will lit to indicate each connected port.

- ※ For optimal performance, please restart the HDMI splitter (to ensure HDCP function work at its best) whenever you switch out the HDMI source or display.
- ※ HDMI 3D video format:

Frame packing	Side-by-Side (Half)	Top-and-Bottom
1920x1080p@23.98/24Hz	1920x1080i@59.94/60Hz	1920x1080p@23.98/24Hz
1280x720p@59.94/60Hz	1920x1080i@50Hz	1280x720p@59.94/60Hz
1280x720p@50Hz		1280x720p@50Hz

## DETECTION MODE FUNCTION

### Detection Mode Function

<b>A</b> (Highest Common Factor Mode)	<p><b>【Auto detection】</b>                  The HDMI Splitter will compare the EDID information of each sink device (Displays). And output of suitable video and audio content</p> <ul style="list-style-type: none"> <li>※ If the connected displays are 4K and 1080P and the source is 4K then each will receive its desired resolution.</li> <li>※ Low-resolution TV will follow high-resolution TV frame EDID rendering if the frame is different.</li> <li>※ TVs with the same resolution and frame rate will have the same resolution.</li> <li>※ The audio format of the output is based on the TV's EDID.</li> </ul>
<b>B</b> (Priority Mode)	<p><b>【Copy the EDID of the first port】</b>                  The source device will set the output signal based on output-1 (primary sink device).</p> <ul style="list-style-type: none"> <li>※ When cascading multiple splitters to connect more displays from OUTPUT 2 and OUTPUT 1 is not being used. Follow the system default EDID 4K@60Hz (maximum resolution to 4K).</li> <li>※ The audio format of the output is based on the TV's EDID and highest audio format devices is suggested to connect OUTPUT-1 when B mode is set.</li> </ul>

Notes.

- \* 4K@30Hz monitors will display in 1080p@60Hz when the source content is 4K@60Hz.
- \* Down scaling to 720p and 480p is not supported.
- \* Frame rate conversion (e.g., 60Hz to 30Hz) is not supported.

## TROUBLE SHOOTING TIPS

### Troubleshooting Tips

1. If there is no video at output:
  - Make sure the output resolution setting of source device can be displayed on all connected display devices. (4K@60 or 1080p@60)
  - Reset the HDMI Splitter (disconnect from power supply and reconnect it after a min.)
2. If there is video without any audio:
  - Check the output audio mode if you're not sure of which audio format is supported by the display then select detection mode A (Highest Common Factor Mode) and reset the HDMI Splitter. Make sure the connection is in the HDMI standard.
  - HDCP may not have been configured properly, please reset your HDMI Splitter by power on/off switch.

## NOTICE

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