

# 4K60 4 Way HDMI Splitter



Model:  
**AC1812**

## Instruction Manual

## **SAFETY INSTRUCTIONS**

Before using this product, please carefully read the following safety instructions to ensure its proper use and keep this manual for future reference:

- To prevent electric shock, do not attempt to open the product.
- Only qualified personnel should perform any repairs or maintenance.
- Always place the product on a stable, flat surface to prevent it from falling.
- Do not expose the product to water, moisture, or high-humidity environments to avoid the risk of damage.
- To prevent damage from direct sunlight or high temperatures, do not expose the product to such environments.
- Do not place the product near heat sources like radiators, heat registers, stoves, or other heat-producing apparatus.
- Do not place any objects on top of the product to avoid damage.
- Use only the attachments and accessories specified by the manufacturer.
- During lightning storms or prolonged periods of disuse, unplug the power supply to prevent damage.

## **INTRODUCTION**

The HDMI™ 4K splitter 1x4 lets you share four 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 1x4 ensures you'll be ready to take advantage of tomorrow's display technology. It features three different EDID modes auto/copy/downscaler for meet needs of different display occasion.

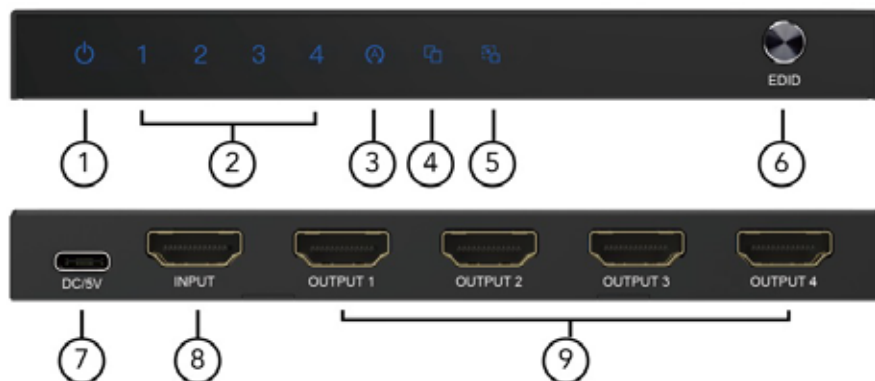
## BOX CONTENTS

- Main Unit
- USB-A to USB-C Power Cable
- User Manual

## FEATURES

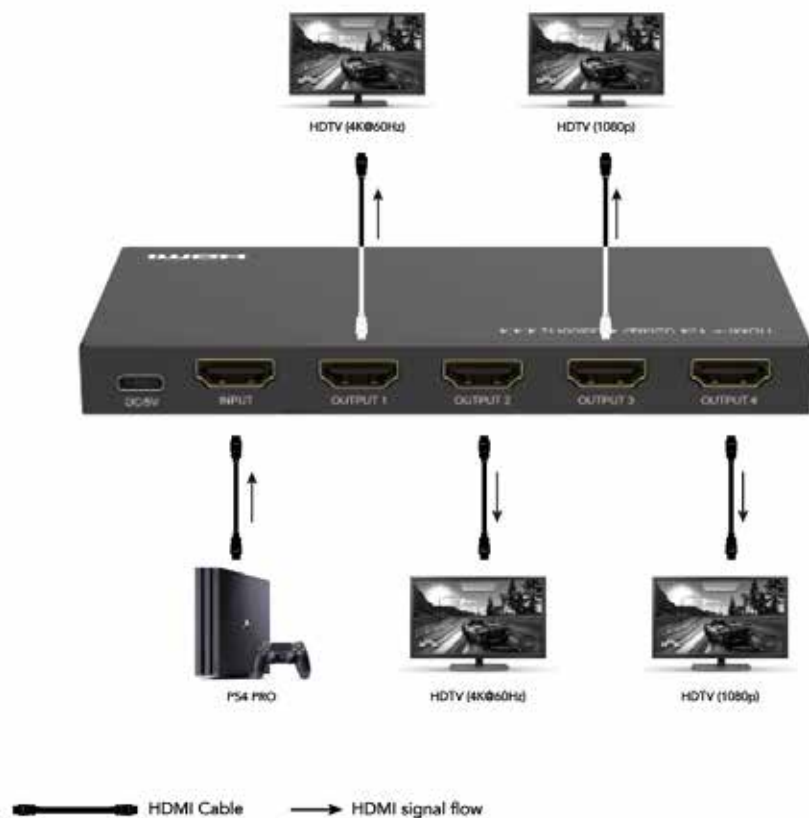
- Support three different EDID modes auto/copy/downscaler
- When turn to the auto EDID function, it can get the lower resolution and audio format of the both output for the input device to output the signal to fit both outputs
- When turn to the copy EDID function, it can copy the output1 resolution and audio format for the input device to output the signal, if the other output device supported resolution is lower than the output1 connected device, it will downscaler the resolution and keep the same audio format, HDR format and deep color with the output1, or it will output same signal to both outputs
- When turn to the downscaler function, it 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)

## PRODUCT DIAGRAM



1. **Power LED**
2. **1-4:** HDMI Output 1-4 LED Indicator
3. **Auto Mode LED Indicator:**  
ON is In Normal Auto EDID Mode which gets the Lower Resolution and Audio Format of the Both Output for the Input Device to Output the Signal to Fit Both Outputs
4. **Copy Mode LED Indicator**  
ON is In Copy EDID Mode which copy the Output1 Resolution and Audio Format for the Input Device to Output the Signal
5. **Downscaler Mode LED Indicator**  
ON is In Downscaler EDID Mode which can downscale the Input 4K Resolution to 1080p by the FHD (1080p) Display and 4K Resolution to the 4K Displays Simultaneously.
6. **EDID:** Three EDID select button for downscaler, auto and copy
7. **DC/5V:** USB-C DC 5V Input
8. **INPUT:** HDMI Input port
9. **OUTPUT 1-4:** HDMI Output 1-4 port

## CONNECTION DIAGRAM



## TROUBLESHOOTING

Problems	Causes	Solutions
<b>Power light is off and product is not working</b>	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
<b>Screen splash</b>	HDMI cable may not be HDMI 2.0 specification or the cable is too long	Please use the standard HDMI 2.0 cable, the input/output cable length does not exceed 5M 4K/60Hz 4:4:4, 4K@30Hz/1080p can reach 10M to 10M
<b>No picture out only sound out or output pink screen</b>	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
<b>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</b>	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.

## SPECIFICATIONS

<b>Input Ports</b>	HDMI x 1
<b>Output Ports</b>	HDMI x 4
<b>Vertical Frequency Range</b>	50/60Hz
<b>Video Amplifier Bandwidth</b>	6.0Gbps/600MHz per channel(18Gbps all channels)
<b>Interlaced(50&amp;60Hz)</b>	480i,576i,1080i
<b>Progressive(50&amp;60Hz)</b>	480p,576p,720p,1080p,4K@24/30Hz,4K@50/60Hz
<b>Limited Warranty</b>	1 Year Parts and Labor
<b>Operating Temperature</b>	0°C to 70°C
<b>Storage Humidity</b>	5% to 90% RH non-condensation
<b>Power Supply</b>	USB Power Cable
<b>Power Consumption (Max)</b>	5W
<b>Dimension(LxWxH)</b>	136 x 61 x 14.2mm
<b>Net Weight</b>	180g
<b>Material</b>	Metal

**NOTE:** Specifications are subject to change without notice.

## WARRANTY INFORMATION

Our product is guaranteed to be free from manufacturing defects for a period of 12 Months.

If your product becomes defective during this period, Electus Distribution will repair, replace, or refund where a product is faulty; or not fit for intended purpose.

This warranty will not cover modified product; misuse or abuse of the product contrary to user instructions or packaging label; change of mind and normal wear and tear.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and failure does not amount to a major failure.

To claim warranty, please contact the place of purchase. You will need to show receipt or other proof of purchase. Additional information may be required to process your claim.

Any expenses relating to the return of your product to the store will normally have to be paid by you.

The benefits to the customer given by this warranty are in addition to other rights and remedies of the Australian Consumer Law in relation to the goods or services to which this warranty relates.

This warranty is provided by:

Electus Distribution

Address 46 Eastern Creek Drive, Eastern Creek NSW 2766

Ph. 1300 738 555



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