

OREI UHDS-102

OREI UltraHD 4K @ 60 Hz 1 x 2 HDMI Splitter

Model: UHDS-102 | Brand: OREI

INTRODUCTION

The OREI UltraHD 4K @ 60 Hz 1 x 2 HDMI Splitter (Model: UHDS-102) is designed to duplicate a single HDMI input signal to two separate monitors or 4K display screens. This device is ideal for scenarios requiring the same content to be displayed simultaneously on multiple screens, such as presentations, home theater setups, or retail displays. It supports Ultra HD 4K resolution at 60 Hz, 4:4:4 8-bit color, and 18 Gbps bandwidth, ensuring high-quality video and audio transmission.

Please note that this HDMI splitter is intended for duplicating signals and will **NOT** extend monitors to create a dual-screen desktop mode. It is compatible with a wide range of HDMI devices including Roku, 4K TVs, Amazon Fire TV, Ultra Projectors, PS4, Xbox, Apple TV, HDMI LCDs, gaming consoles, cable boxes, Blu-ray players, DVD players, PCs, and STBs.

PACKAGE CONTENTS

Upon opening your OREI UHDS-102 HDMI Splitter package, you should find the following items:

- 1 x OREI UHDS-102 HDMI Splitter
- 1 x Power Supply (100-240V, 50/60 Hz auto switching)
- 1 x User Manual



4K 1x2 HDMI™ Splitter



*Includes 1 UHDS-102,
1 Power Adapter, User Manual*

Image: The OREI UHDS-102 HDMI Splitter, its power adapter, and the user manual are shown, indicating the items included in the package.

PRODUCT OVERVIEW

The OREI UHDS-102 HDMI Splitter is a compact and robust device designed for reliable signal distribution. Its metal enclosure ensures durability.

Front Panel

- **Power Input (DC 5V):** Connect the included power adapter here.
- **HDMI IN:** Connect your HDMI source device (e.g., Blu-ray player, gaming console) to this port.
- **STD/TV Switch (EDID):** This switch allows you to select the EDID (Extended Display Identification Data) mode.
 - **STD Mode:** The splitter will output a standard EDID, which is typically 1080p.
 - **TV Mode:** The splitter will read the EDID from the display connected to HDMI OUT 1 and replicate it to both outputs. This is recommended for optimal compatibility with your primary display.

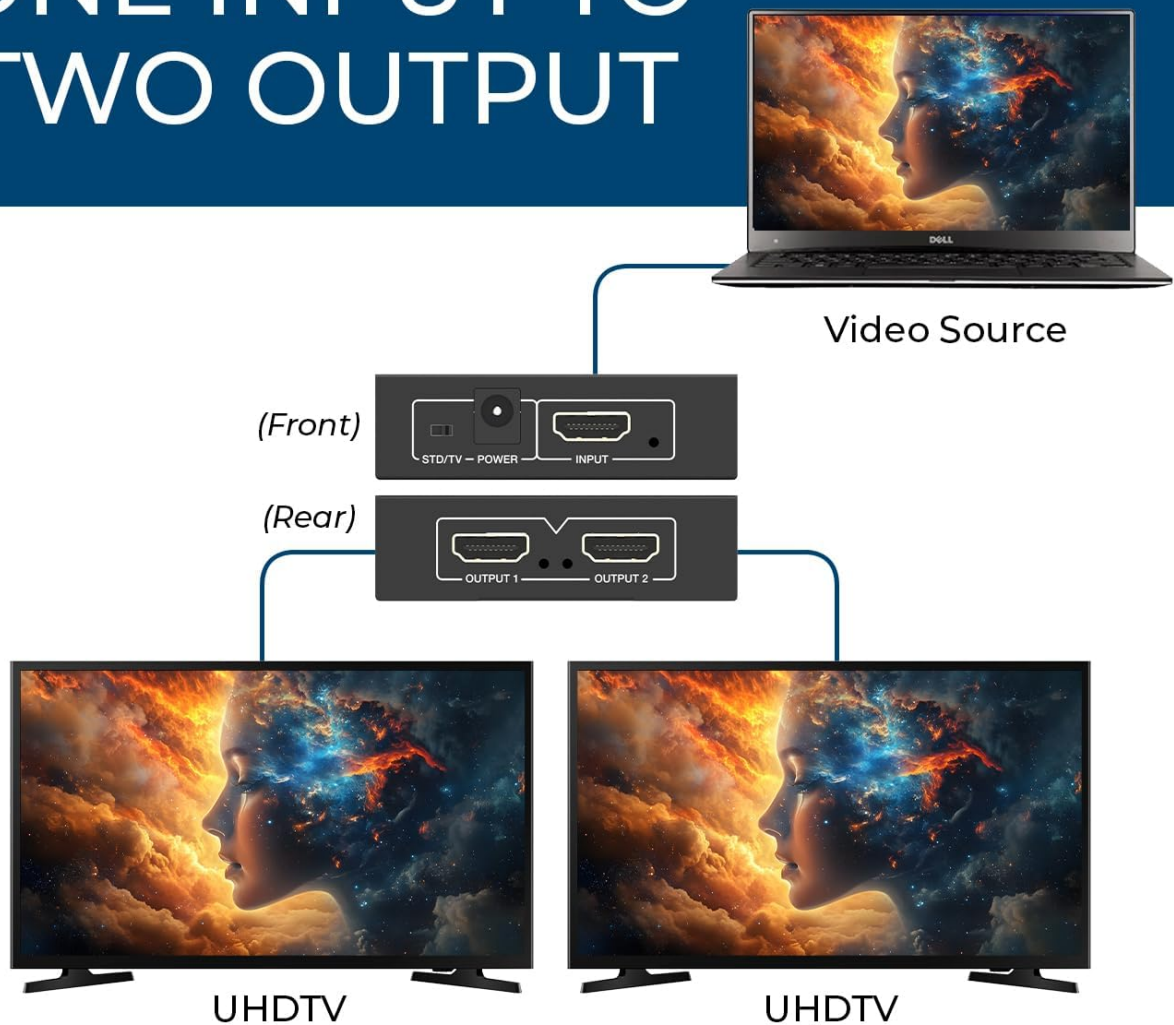


Image: A close-up of the OREI UHDS-102 HDMI Splitter, highlighting the input and power ports on the front, with two TVs in the background showing duplicated content.

Rear Panel

- **HDMI OUT 1 & HDMI OUT 2:** Connect your display devices (e.g., TVs, monitors, projectors) to these output ports. Both outputs will display the same content from the HDMI IN source.

ONE INPUT TO TWO OUTPUT



*NOTE: Will NOT Extend Laptop/Computer screen to have different programs on each display.
Will NOT work with Soundbar/AVRs for audio extraction.*

Image: A diagram showing a laptop connected to the HDMI IN port of the splitter, and two UHDTVs connected to HDMI OUT 1 and HDMI OUT 2, illustrating the one input to two output functionality. A note clarifies that it does not extend laptop/computer screens.

Key Features

- **Ultra HD 4K@60Hz Support:** Delivers crisp, high-resolution video.
- **18 Gbps Video Bandwidth:** Ensures smooth and uncompressed signal transmission.
- **HDCP 2.3 & DVI 1.0 Compliant:** Compatible with modern content protection standards.
- **HDR10+, Dolby Vision, and HLG Support:** Provides enhanced color and contrast for compatible displays.
- **Plug & Play:** Simple setup with no software installation required.
- **Compact & Lightweight:** Easy to integrate into any setup.

PRODUCT FEATURES

Video resolutions
up to 4K@60Hz

HDCP 2.3 & DVI 1.0
Compliant

18Gbps Video
Bandwidth

HDR10+, Dolby Vision
and HLG Support



Image: A television screen displaying vibrant colors, with text overlays listing key product features such as 4K@60Hz video resolutions, 18Gbps video bandwidth, HDCP 2.3 & DVI 1.0 compliance, and HDR10+, Dolby Vision, and HLG support.

SETUP INSTRUCTIONS

Follow these steps to set up your OREI UHDS-102 HDMI Splitter:

1. **Power Off Devices:** Ensure all HDMI source devices and displays are powered off before making connections.
2. **Connect HDMI Source:** Connect an HDMI cable from your source device (e.g., Blu-ray player, game console) to the **HDMI IN** port on the splitter.
3. **Connect Displays:** Connect HDMI cables from the **HDMI OUT 1** and **HDMI OUT 2** ports on the splitter to your two display devices (TVs, monitors, projectors).
4. **Connect Power:** Plug the included 5V DC power adapter into the **DC 5V** port on the splitter, then plug the adapter into a power outlet.
5. **Power On Devices:** Power on your display devices first, then power on your HDMI source device.
6. **Select EDID Mode:** Use the **STD/TV** switch to select the appropriate EDID mode for your setup. For most setups, the "TV" mode (which copies the EDID from the primary display) is recommended for best compatibility.

For a visual guide on setting up the splitter, please watch the official video below:

Your browser does not support the video tag.

Video: "How to use the UHDS-102 HDMI Splitter 4K" - This video provides a step-by-step demonstration of connecting and setting up the OREI UHDS-102 HDMI Splitter for 4K resolution.

OPERATING INSTRUCTIONS

Once connected, the OREI UHDS-102 HDMI Splitter operates automatically. It will duplicate the signal from your single HDMI input to both connected HDMI outputs.

- **Duplicate Output:** Both connected displays will show identical content. This splitter does not support extended desktop mode for computers or laptops.
- **Resolution and Audio:** The splitter will automatically detect and transmit the highest common resolution and audio format supported by both the source and the connected displays. If displays have different capabilities, the output will default to the lowest common denominator to ensure compatibility with both.
- **EDID Management:** Adjust the STD/TV switch if you encounter display issues or wish to force a specific resolution (e.g., 1080p for older TVs).

ONE HDMI SOURCE TO TWO DISPLAYS (DUPLICATE OUTPUT)



Image: A visual representation of one HDMI source (a DVD player) connected to the OREI splitter, which then duplicates the video output to two separate television screens, both displaying the same image. The image also notes support for up to 4K@60Hz video resolution.

MAINTENANCE

To ensure the longevity and optimal performance of your OREI UHDS-102 HDMI Splitter, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use liquid cleaners or aerosol sprays.
- **Ventilation:** Ensure the unit is placed in a well-ventilated area to prevent overheating. Do not block any ventilation openings.
- **Environment:** Avoid exposing the splitter to excessive moisture, extreme temperatures, or direct sunlight.
- **Handling:** Handle the unit with care. Avoid dropping it or subjecting it to strong impacts.
- **Cable Management:** Ensure HDMI cables are not excessively bent or strained, as this can damage the cables or the ports.

TROUBLESHOOTING

If you encounter issues with your OREI UHDS-102 HDMI Splitter, please refer to the following common problems and solutions:

No Picture or Signal

- **Check Connections:** Ensure all HDMI cables are securely connected to the correct input and output ports on the splitter and your devices.
- **Power:** Verify that the power adapter is properly connected to the splitter and a working power outlet. The power indicator light on the splitter should be on.
- **HDMI Cable Length:** HDMI cables longer than 30 feet may not work reliably, especially with 4K signals. Try shorter, high-quality HDMI 2.0 or higher cables.
- **EDID Switch:** Try toggling the STD/TV (EDID) switch. If one display is 4K and the other is 1080p, setting the switch to "TV" (which copies the EDID from the primary display) might help, but the output will be limited to the lowest common resolution (e.g., 1080p for both).
- **Source/Display Compatibility:** Ensure your source device and displays support the resolution and refresh rate you are trying to achieve.
- **Reboot System:** Power off all devices (source, splitter, displays), disconnect and reconnect all HDMI and power cables, then power on displays first, then the splitter, then the source device.

Picture Flickering or Intermittent Signal

- **Cable Quality:** Use high-quality, certified HDMI 2.0 or higher cables. Lower quality or damaged cables can cause signal degradation.
- **Cable Length:** As mentioned, long HDMI cables can cause issues. Try shorter cables if possible.
- **Power Supply:** Ensure the splitter is receiving stable power. Try a different power outlet.
- **Interference:** Keep the splitter away from other electronic devices that might cause electromagnetic interference.

No Audio

- **Audio Settings:** Check the audio settings on your source device and displays to ensure they are configured correctly.
- **EDID Mode:** The EDID setting can affect audio compatibility. Experiment with the STD/TV switch.
- **Splitter Function:** This splitter duplicates video and audio. It does not extract audio for separate audio systems.

SPECIFICATIONS

Feature	Detail
Model Number	UHDS-102
Product Dimensions	4 x 2.25 x 0.6 inches (101.6 x 57.15 x 15.24 mm)
Item Weight	9.1 ounces (257.98 grams)
Video Resolution Support	Up to 4K@60Hz
Video Bandwidth	18 Gbps

HDCP Compliance	HDCP 2.3 & DVI 1.0 Compliant
HDR Support	HDR10+, Dolby Vision, HLG
Audio Support	LPCM, Dolby-AC3, DTS7.1, DSD/Dolby /DTS-HD master audio
Manufacturer	OREI
Material	Metal



UHDS-102

TECHNICAL SPECIFICATIONS

COMPACT & LIGHTWEIGHT



Material:
Metal



Color:
Black

Weight:
118g / 4.16oz



DIMENSIONS:

Length: 70mm / 2.75in
Width: 60mm / 2.36in
Height: 20.5mm / 0.8in

*Lifetime OREI Tech Support &
12-Month Manufacturer's Warranty*



Image: A graphic displaying the technical specifications of the UHDS-102, including its compact and lightweight design, metal material, black color, weight (118g / 4.16oz), and dimensions (Length: 70mm / 2.75in, Width: 60mm / 2.36in, Height: 20.5mm / 0.8in).

WARRANTY AND SUPPORT

The OREI UHDS-102 HDMI Splitter comes with a **12-Month Manufacturer's Warranty**. This warranty covers defects in materials and workmanship under normal use.
OREI also offers **Lifetime Technical Support** for this product. If you have any questions, require assistance with setup, or

encounter any issues not covered in this manual, please contact OREI support directly.
For warranty registration or support inquiries, please visit the official OREI website or refer to the contact information provided in your product packaging.

OVER 10 YEARS EXPERIENCE



WE OFFER LIFETIME LOCAL SUPPORT

Image: A graphic highlighting OREI's brand presence, stating "Over 10 Years Experience," "Full 1 Year Limited Warranty," and "Based in the U.S.A. We offer lifetime local support."

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question