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- › [Vrriis](#) /
- › Vrriis WL084 Wireless HDMI Transmitter and Receiver Instruction Manual

Vrriis WL084

Vrriis WL084 Wireless HDMI Transmitter and Receiver Instruction Manual

Model: WL084 | Brand: Vrriis

1. PRODUCT OVERVIEW

The Vrriis WL084 Wireless HDMI Transmitter and Receiver Kit provides a seamless solution for extending HDMI signals wirelessly. This plug-and-play system supports Full HD 1080p resolution at 60Hz, ensuring clear, stable, and smooth video transmission with high sound quality and minimal latency (0.05s).

Designed for versatility, the kit operates on both 2.4GHz and 5GHz frequencies, offering robust signal strength. It can transmit signals up to 656 feet (200 meters) in open, barrier-free environments. For indoor use or through obstacles like walls, bricks, or glass, the transmission distance may be reduced to approximately 330 feet (100 meters).

The system supports connecting one transmitter to up to two receivers, allowing for flexible display configurations. It is compatible with a wide range of HDMI-enabled devices, including laptops, PCs, TV boxes, monitors, TVs, and projectors, making it suitable for various applications such as offices, conferences, church projections, and home entertainment.

Vrriis Wireless HDMI Transmitter and Receiver



Figure 1: Vrriis Wireless HDMI Transmitter and Receiver highlighting key features like Plug & Play, Low Delay, Stable Transmission, 1TX-2RX support, and 656FT range.

2. PACKAGE CONTENTS

The Vrriis WL084 Wireless HDMI Transmitter and Receiver Kit includes the following items:

- 1 x Wireless HDMI Transmitter (TX)
- 1 x Wireless HDMI Receiver (RX)
- 2 x Antennas
- 2 x USB-C Power Cables
- 1 x User Manual

Compact and Portable small size, easy to carry



Figure 2: Package contents of the Vrris WL084 Wireless HDMI Extender Kit.

3. SETUP INSTRUCTIONS

The Vrris WL084 Wireless HDMI Extender Kit is designed for quick and easy plug-and-play setup without requiring software installation.

1. **Connect the Receiver (RX):** Plug the RX unit into an available HDMI input port on your display device (TV, monitor, or projector).
2. **Power the Receiver (RX):** Connect one of the provided USB-C power cables to the RX unit and plug the other end into a USB power source (e.g., a USB port on your TV or a USB wall adapter).

3. **Connect the Transmitter (TX):** Plug the TX unit into the HDMI output port of your source device (e.g., laptop, PC, TV box).
4. **Power the Transmitter (TX):** Connect the second USB-C power cable to the TX unit and plug the other end into a USB power source.
5. **Automatic Connection:** Once both units are powered on, they will automatically establish a connection. Wait a few seconds for the screen to mirror or extend your display.

Plug And Play

STEP 1:
Plug to the USB port(power supply required)

STEP 2:
Connect the HDMI port(the light will turn on),
start working.



No APP



No Wi-Fi



Please note that if your laptop is type C port,
you need to use HDMI to type C port adapter cable to work with the product.
(Adapter cable is not included in the packing list, please purchase it by yourself)

Figure 3: Simple plug-and-play setup for the Vrriis Wireless HDMI Extender.

3.1. Pairing Instructions (If needed or for additional receivers)

The transmitter and receiver units are pre-paired from the factory. If re-pairing is necessary or if you are adding an extra receiver, follow these steps:

1. **Connect TX and RX:** Use an HDMI dual female adapter (not included in standard package, may be included in some kits) to connect the HDMI output of the Transmitter (TX) directly to the HDMI input of the Receiver (RX).
2. **Power Both Units:** Ensure both the TX and RX units are powered on via their respective USB-C cables.
3. **Initiate Pairing:** Press and hold the 'Pair' button on both the TX and RX units simultaneously until their status indicator lights start flashing.

4. **Confirm Pairing:** Once the indicator lights on both units stop flashing and remain solid, pairing is successful. You can then disconnect the units from each other and proceed with normal setup.

Compact and Portable small size, easy to carry



Figure 4: Pairing process for the Vrris Wireless HDMI units.

3.2. Video Tutorial: Re-pairing Transmitter and Receiver

Your browser does not support the video tag.

Video 1: Step-by-step guide on how to re-pair the HDMI transmitter and receiver units, useful if the connection is lost or for adding new receivers.

Your browser does not support the video tag.

Video 2: Tutorial demonstrating the re-pairing process for a single transmitter with multiple receivers.

4. OPERATING INSTRUCTIONS

4.1. Display Modes

The Vrris WL084 supports two primary display modes:

- **Mirror Mode:** Duplicates the content from your source device onto the connected display(s).
- **Extended Mode:** Extends your desktop across multiple screens, allowing for increased workspace and multitasking.



Figure 5: Mirror Mode copies the screen, while Extended Mode allows for a unified, larger display.

4.2. Multi-Receiver Support

The system can support up to one transmitter (TX) connected to two receivers (RX). This allows you to transmit your video signal to two separate displays simultaneously. Note that as the number of connected receivers increases, the wireless transmission distance may slightly decrease.

Seamless Switching Between Two Modes

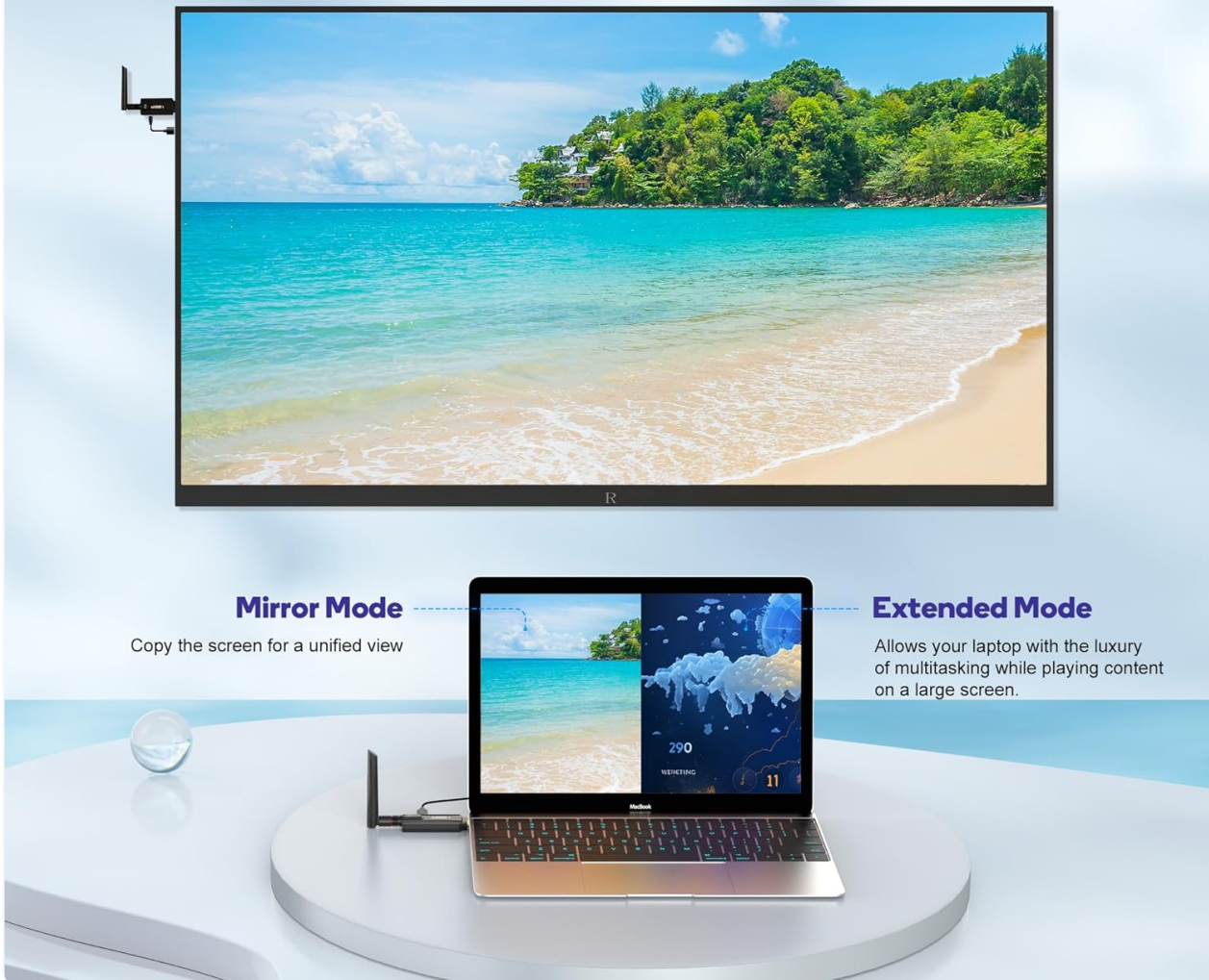


Figure 6: The Vrris WL084 supports one transmitter broadcasting to two receivers.

4.3. Compatibility

This Wireless Video HDMI Display Kit is compatible with TVs and projectors that have HDMI inputs. The device connects wirelessly to most TVs, satellite boxes, set-top boxes, DVRs, laptops, PCs, and other media devices with HDMI output.

Wide Application



Figure 7: Wide application compatibility for the Vrris Wireless HDMI system.

5. MAINTENANCE

To ensure optimal performance and longevity of your Vrris WL084 Wireless HDMI Transmitter and Receiver Kit, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the units. Avoid using liquid cleaners or aerosols, as they may damage the device.
- **Storage:** When not in use, store the units in a cool, dry place away from direct sunlight and extreme temperatures. The provided carrying case is ideal for storage and transport.
- **Handling:** Handle the units with care. Avoid dropping them or subjecting them to strong impacts, which could damage internal components.

- **Ventilation:** Ensure that the units have adequate ventilation during operation to prevent overheating. Do not block any ventilation openings.

6. TROUBLESHOOTING

If you encounter issues with your Vrrriis WL084 Wireless HDMI Transmitter and Receiver Kit, please refer to the following common troubleshooting steps:

- **No Signal/Black Screen:**
 - Ensure both the Transmitter (TX) and Receiver (RX) units are properly powered on and their indicator lights are active.
 - Verify that the HDMI cables are securely connected to both the source device and the display.
 - Check that the display device is set to the correct HDMI input channel.
 - Ensure there are no significant physical obstructions (thick walls, metal structures) between the TX and RX units that could severely degrade the signal.
 - Try re-pairing the TX and RX units as described in Section 3.1.
- **Intermittent Signal/Poor Quality:**
 - Reduce the distance between the TX and RX units.
 - Minimize obstructions between the units.
 - Ensure there are no other strong wireless interference sources nearby (e.g., Wi-Fi routers, microwaves).
 - Verify that the power supply for both units is stable and sufficient (5V/2A recommended).
- **Audio/Video Sync Issues:**
 - While the device has low latency (0.05s), some minor sync issues can occur with certain setups. Try restarting both the source device and the display.
 - Ensure all cables are fully seated.
- **Units Not Pairing:**
 - Follow the detailed pairing instructions in Section 3.1 carefully.
 - Ensure both units are powered on before attempting to pair.

7. SPECIFICATIONS

Feature	Detail
Model Number	WL084
Resolution Support	Up to Full HD 1080p @60Hz
Wireless Frequency	2.4GHz and 5GHz

Transmission Distance (Barrier-Free)	Up to 656 feet (200 meters)
Latency	0.05 seconds
Multi-Receiver Support	1 Transmitter to 2 Receivers
Connectivity Technology	HDMI
Power Input	USB-C (5V/2A)
Product Dimensions	2 x 2 x 2 inches
Item Weight	7 ounces
Manufacturer	VRRRIS

8. WARRANTY AND SUPPORT

For any questions or concerns regarding your Vrrris WL084 Wireless HDMI Transmitter and Receiver Kit, please contact the manufacturer directly. Information regarding product protection plans may be available through your retailer.

Typical protection plans offered include:

- 2-Year Protection Plan
- 3-Year Protection Plan
- Complete Protect (monthly plan covering eligible purchases)

Please refer to your purchase documentation or retailer's website for specific details on warranty coverage and how to obtain support.