Lemorele R1010L

Lemorele Wireless HDMI Transmitter and Receiver Kit (R1010L)

User Instruction Manual

1. Introduction

The Lemorele Wireless HDMI Transmitter and Receiver Kit (Model R1010L) provides a seamless solution for transmitting high-definition video and audio wirelessly. This kit supports 1080P resolution at 60Hz, offering stable signal transmission with low latency. Designed for versatility, it can be used in various settings, from home entertainment to professional presentations and live streaming events.

Key features include support for multiple receivers (up to 4 RX units with one TX), compatibility with the "Tutuplay" app for mobile device monitoring, and a plug-and-play setup that requires no complex configuration. Its compact and portable design makes it an ideal choice for flexible deployment.



Figure 1: Lemorele Wireless HDMI Transmitter (TX) and two Receiver (RX) units.

2. Package Contents

Please verify that all items listed below are included in your package:

- 1 x Wireless HDMI Transmitter (TX)
- 2 x Wireless HDMI Receivers (RX)
- 3 x Antennas (pre-attached or included separately)
- 1 x User Manual
- 1 x HDMI Adapter (if applicable, for TX/RX flexibility)
- 3 x 100cm USB-C Power Cables



Figure 2: All components included in the Lemorele Wireless HDMI Kit.

3. Product Overview

The Lemorele Wireless HDMI system consists of a Transmitter (TX) and one or more Receivers (RX). Both units are compact and designed for easy integration into your existing setup.

3.1 Transmitter (TX) Unit

The TX unit connects to your source device (e.g., laptop, PC, camera). It features an HDMI connector for video input and a USB-C port for power. An adjustable antenna ensures optimal signal transmission.

3.2 Receiver (RX) Unit

The RX unit connects to your display device (e.g., HDTV, projector, monitor). It also has an HDMI connector for video output and a USB-C port for power. Each RX unit includes an adjustable antenna for stable signal reception.



Figure 3: The wireless HDMI system is compatible with a wide range of devices, including projectors, TVs, monitors, tablets, phones, multimedia players, set-top boxes, NVRs, cameras, laptops, and PCs.

4. Setup Guide

The Lemorele Wireless HDMI Kit is designed for plug-and-play operation, requiring no software installation or complex network configuration.

1. **Connect the Transmitter (TX):**

   Plug the HDMI connector of the TX unit into the HDMI output port of your source device (e.g., laptop, PC, game console). Connect one of the provided USB-C power cables to the TX unit and a USB power source (e.g., a USB wall adapter, a powered USB port on your device, or a power bank). Ensure the TX unit receives stable power.

2. **Connect the Receiver(s) (RX):**

   Plug the HDMI connector of each RX unit into an available HDMI input port on your display device (e.g., HDTV, projector, monitor). Connect a USB-C power cable to each RX unit and a USB power source. Ensure all RX units receive stable power.

3. **Automatic Pairing:**

   Once both the TX and RX units are powered on and connected, they will automatically pair with each other. The indicator lights on the units will confirm successful pairing (refer to the unit's specific LED behavior for details, typically a solid light indicates connection).

4. **Display Content:**

   Your source device's display should now be mirrored or extended to the connected display(s) wirelessly. Adjust your source device's display settings (e.g., resolution, display mode) as needed.



Figure 4: Typical setup connecting the TX unit to a laptop and the RX unit to a projector for wireless display.

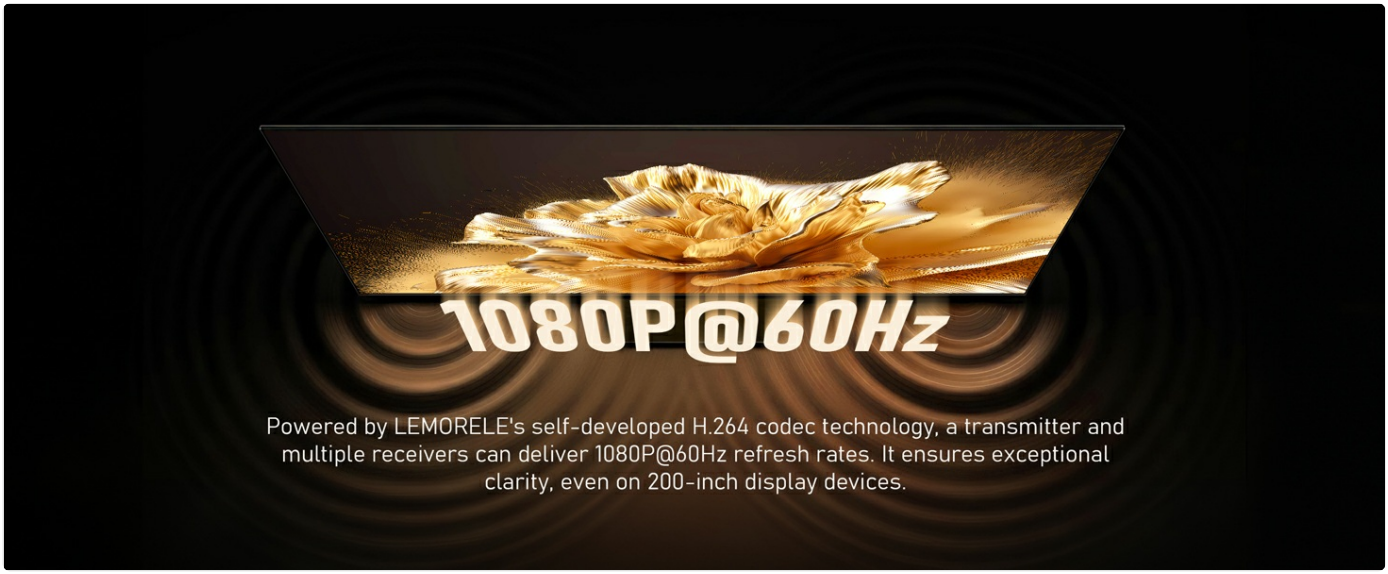


Figure 5: Example of wireless screen casting in a large meeting room, demonstrating the 1-to-many transmission capability.

5. Operating Instructions

5.1 Multi-Receiver Operation (1 TX to 4 RX)

The Lemorele system supports connecting one Transmitter (TX) to up to four Receivers (RX) simultaneously. This is ideal for broadcasting content to multiple displays in large venues such as conference rooms, churches, or restaurants.

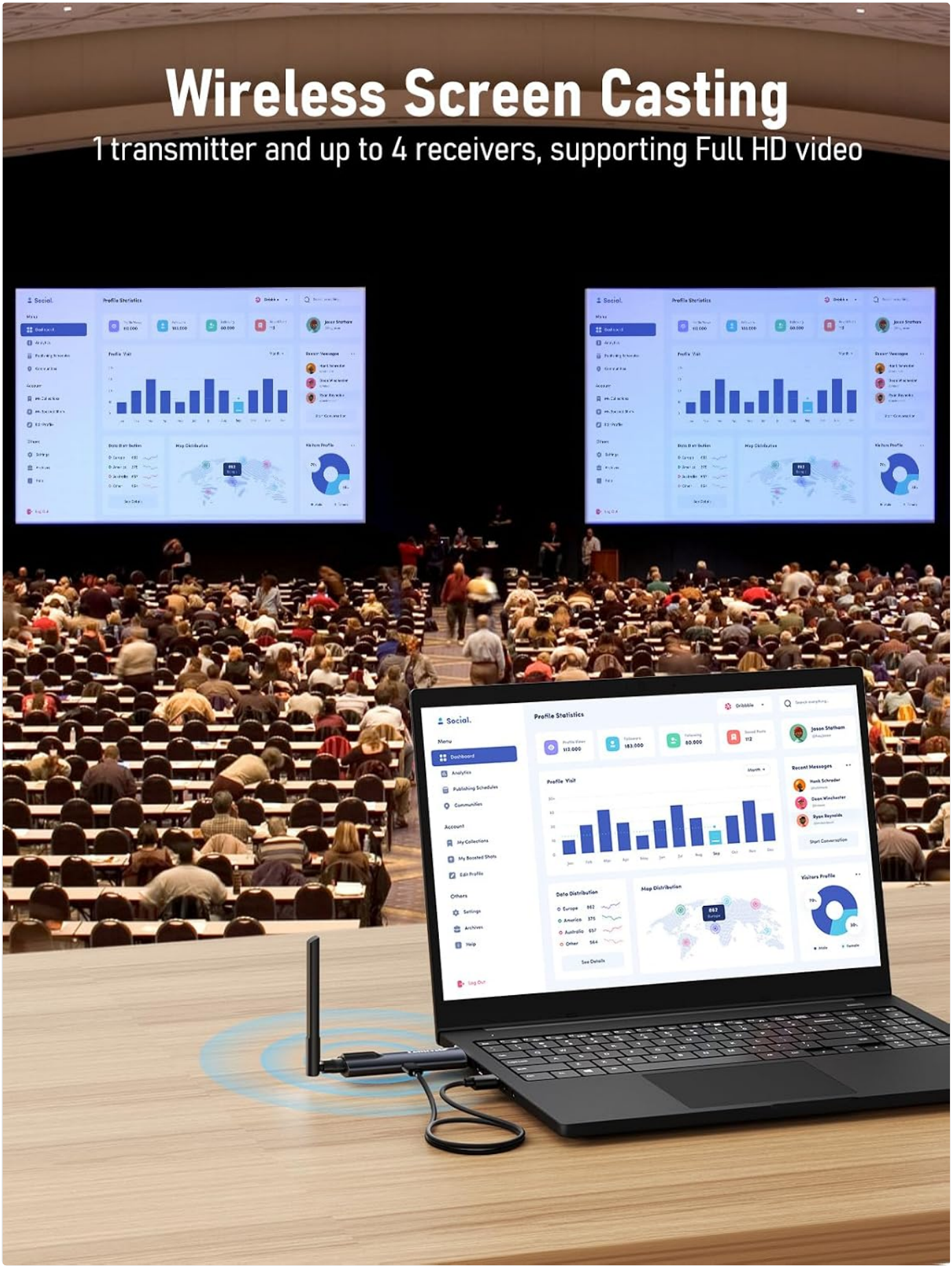


Figure 6: The system supports one transmitter broadcasting to multiple receivers for extended display.



Figure 7: Transmission range varies based on the number of connected receivers. For optimal performance, ensure clear line of sight and minimize obstructions.

5.2 Tutuplay App Monitoring

For enhanced flexibility, the system supports monitoring via the "Tutuplay" application on iOS and Android tablets or phones. This allows for additional display points beyond physical receivers.

- Download the "Tutuplay" app from Google Play Store (Android) or Apple App Store (iOS).
- Connect your mobile device to the Wi-Fi network broadcast by the Lemorele TX unit.
- Open the "Tutuplay" app to view the transmitted content.

The reception distance between the TX unit and a device running the Tutuplay app is approximately 20 meters (65 feet).

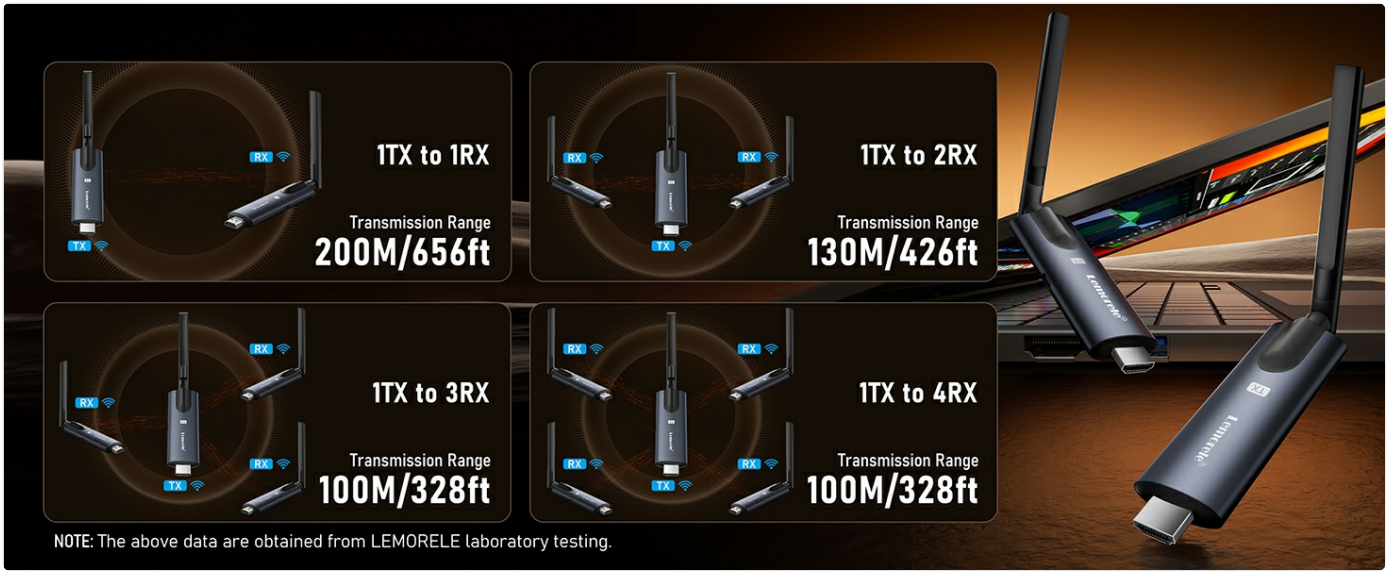


Figure 8: The system supports a combination of physical receivers and mobile devices using the Tutuplay app for versatile display options.

5.3 Applications

The Lemorele Wireless HDMI Kit is suitable for a variety of applications:

- **Conference Rooms:** Share presentations wirelessly without cable clutter.
- **Home Theater:** Stream content from your media player to a distant TV or projector.
- **Live Streaming & Video Production:** Monitor camera feeds remotely with low latency.
- **Education:** Facilitate interactive learning in multimedia classrooms.
- **Commercial Spaces:** Display advertisements or menus in bars and restaurants.



Figure 9: The system is ideal for live streaming and video production, allowing for flexible camera and monitor placement.

6. Maintenance

To ensure the longevity and optimal performance of your Lemorele Wireless HDMI Kit, follow these maintenance

guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the units. Avoid using liquid cleaners or abrasive materials, which can damage the surface or internal components.
- **Storage:** When not in use for extended periods, store the units in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the units with care. Avoid dropping them or subjecting them to strong impacts, which can cause internal damage.
- **Cable Management:** Ensure power and HDMI cables are not excessively bent or strained to prevent damage to the connectors or cables themselves.

7. Troubleshooting

If you encounter issues with your Lemorele Wireless HDMI Kit, please refer to the following common troubleshooting steps:

7.1 No Signal / Black Screen

- **Check Power:** Ensure both the TX and all RX units are properly powered via their USB-C cables and connected to a stable power source. The indicator lights should be on.
- **Check HDMI Connections:** Verify that the HDMI cables are securely plugged into the correct input/output ports on your source and display devices, and the TX/RX units.
- **Re-pair Units:** If units lose connection or fail to pair automatically, you may need to manually re-pair them.
    a. Press and hold the function button on the RX unit for over 5 seconds. A prompt should appear on the interface.
    b. Release the button to enter pairing mode.
    c. Next, press and hold the function button on the TX unit for over 5 seconds. The indicator light will flash rapidly to indicate that pairing has started.
    d. Wait for the transmitter's indicator light to remain steady, confirming a successful connection.

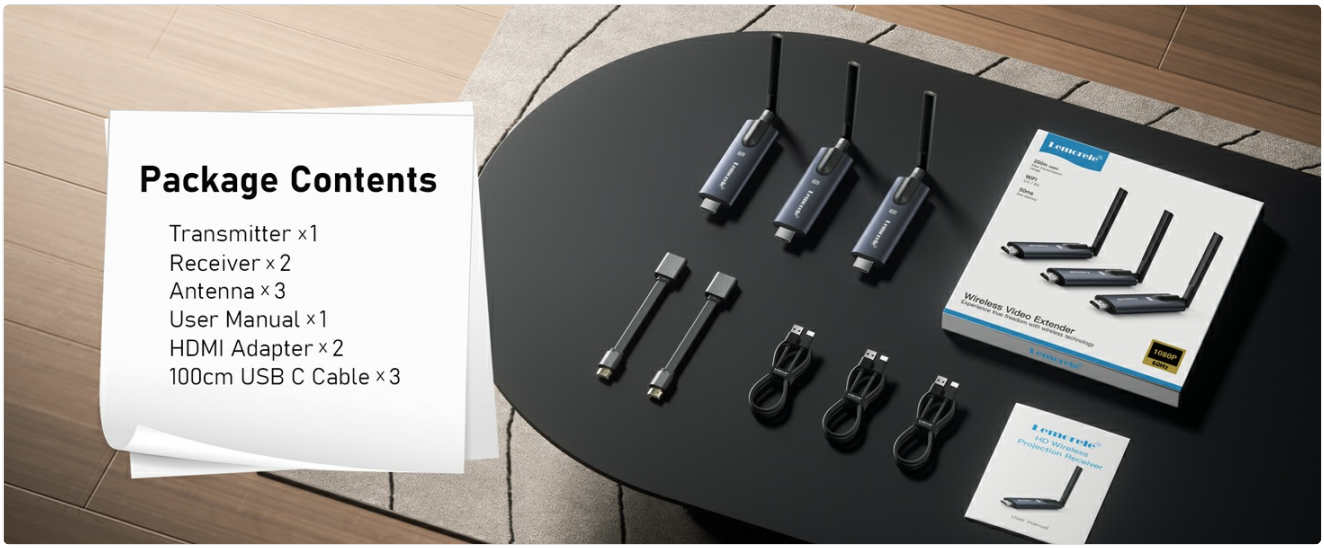


Figure 10: Steps to re-pair the TX and RX units if connection is lost.

- **Source Device Output:** Ensure your source device is outputting a signal and is set to the correct display mode (e.g., duplicate, extend).
- **Display Input:** Confirm your display device is set to the correct HDMI input channel.

7.2 Poor Signal Quality / Intermittent Connection

- **Reduce Distance:** While the system supports up to 200m in open space, obstacles like walls (especially concrete) can significantly reduce range. Try moving the TX and RX units closer together.

- **Minimize Obstructions:** Ensure there are no major physical obstructions (e.g., thick walls, metal objects) between the TX and RX units.
- **Adjust Antennas:** Position the antennas on both TX and RX units for optimal signal reception. Try different angles.
- **Interference:** Other 5GHz Wi-Fi devices or strong electromagnetic fields can cause interference. Try to minimize other wireless activity in the area or move the units away from potential interference sources.

7.3 Resolution Issues

- **Check Source Resolution:** The system supports 1080p resolution. Ensure your source device is set to output 1080p (1920x1080) at 60Hz. Some devices might default to 1080i, which may not be fully supported or cause issues. Adjust your source device's video settings to 1080p.
- **Display Compatibility:** Verify your display device supports 1080p resolution.

8. Specifications

Feature	Detail
Brand	Lemorele
Model Name	R1010L
Color	1TX2RXs (R1010)
Product Type	TV Stick / Wireless HDMI Extender
Connectivity Technology	HDMI Wireless
Connector Type	HDMI
Resolution	1080p @ 60Hz
Special Features	Supports 1 TX to 4 RX max, Supports Tutuplay App (1 TX + 1 RX + 3 Apps max), Plug and Play
Compatible Devices	Television, Projector, Personal Computer, Tablet, Laptop
Supported Internet Services	Netflix, Hulu, Amazon Prime Video, Disney Plus, HBO Max, Spotify
Controller Type	App Control
Transmission Range	Up to 200m (656ft) in open space (varies with RX count and obstacles)
Latency	Low (approx. 50ms)
Dimensions (approx.)	8.7 x 3 x 1.5 cm (3.42 x 1.18 x 0.59 inches)
Country of Origin	China

9. Warranty and Support

Specific warranty information for the Lemorele Wireless HDMI Transmitter and Receiver Kit (R1010L) is not provided in the product data. For detailed warranty terms and conditions, please refer to the documentation included with your purchase or contact Lemorele customer support directly.
For technical support, product inquiries, or assistance with troubleshooting, please visit the official Lemorele brand store or contact their customer service department:

- **Lemorele Brand Store:** Visit Lemorele Store on Amazon
- Refer to the contact information provided in your product packaging for direct customer support channels.

Please retain your proof of purchase for any warranty claims or support requests.

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