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Lemorele R1L635Q5

Lemorele Wireless HDMI Transmitter and Receiver Kit User Manual

Model: R1L635Q5 | Brand: Lemorele

1. Introduction

This user manual provides detailed instructions for the Lemorele Wireless HDMI Transmitter and Receiver Kit, Model R1L635Q5. This kit enables wireless transmission of video and audio signals from various devices to displays such as HDTVs, projectors, and monitors. It is designed for ease of use with its plug-and-play functionality and supports stable, high-definition output for diverse applications including business meetings, educational settings, and home entertainment.

2. Product Overview

2.1 Package Contents

Upon opening the package, verify that all components listed below are present:

- 1 x HDMI Transmitter (TX)
- 1 x HDMI Receiver (RX)
- 2 x Antennas (for Receiver)
- 1 x HDMI Cable
- 2 x USB-C Cables
- 1 x DC Power Supply
- 1 x Instruction Manual



Image: The Lemorele Wireless HDMI Transmitter and Receiver Kit, showing both the transmitter and receiver units with their antennas.

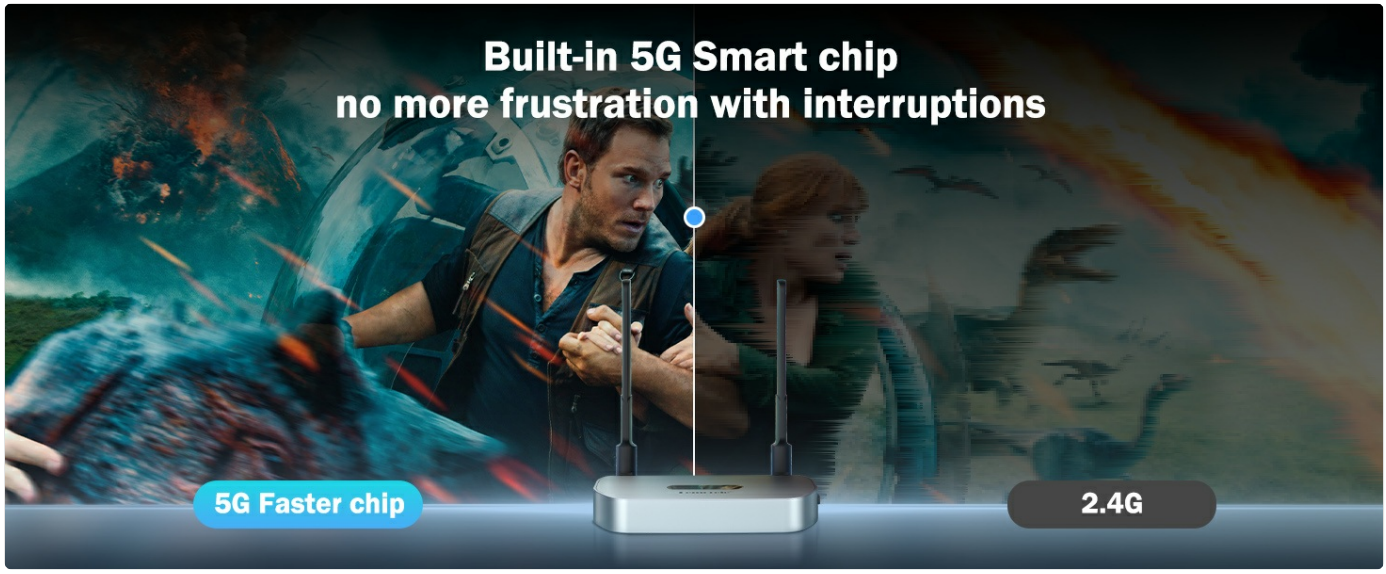


Image: A visual representation of the complete package contents, including the transmitter, receiver, cables, power supply, and manual.

2.2 Key Features

- **Plug-and-Play Operation:** No driver installation is required. The system is designed for immediate use upon connection.
- **Dual-Frequency Transmission:** Utilizes both 2.4GHz and 5GHz protocols, automatically switching frequencies to ensure stable and fast video transmission, especially in environments with crowded signals.
- **Dual-Screen Output:** The receiver features HDMI, VGA, and 3.5mm interfaces, allowing simultaneous output to two large screens (via HDMI and VGA) for an enhanced visual experience.
- **1080P Full HD Output:** Supports 1080P/60Hz full HD resolution, providing clear, stable, and smooth picture quality.
- **Long-Distance Transmission:** Capable of wireless transmission up to 164 feet (50 meters) in open environments. Note that walls or obstacles may affect transmission distance and speed.
- **Wide Compatibility:** The HDMI transmitter is compatible with most HDMI output devices, including PCs, laptops, cameras, Blu-ray players, and set-top boxes.
- **Multi-Device Interconnection:** Supports connecting up to 8 HDMI transmitters to 1 HDMI receiver, suitable for business meetings, interactive teaching, and resource sharing. Increasing the number of wireless transmitters may affect wireless transmission distance.
- **Built-in 5G Smart Chip:** Ensures stable and fast transmission with minimal interruptions.
- **Mirror and Extend Modes:** Supports both mirroring your display and extending it to another screen.



Image: Diagram illustrating the wide compatibility of the system with various input devices (laptops, set-top boxes, game hosts, video cameras) and output devices (HDTV, monitor, projector).



Image: Visualizing the two primary display modes: Mirror mode, which duplicates the content, and Extend mode, which expands the desktop across screens.

3. Setup Instructions

Follow these steps for initial setup of your Lemorele Wireless HDMI Kit:

1. **Connect the Receiver (RX):**
    - Connect the DC power supply to the RX unit.
    - Connect the HDMI cable from the RX unit to the HDMI input port on your HDTV, monitor, or projector. If using VGA, connect a VGA cable from the RX to your display.
    - Ensure the display's input source is set to the corresponding HDMI or VGA port.
2. **Connect the Transmitter (TX):**
    - Connect the USB-C cable from the TX unit to a USB-C port on your laptop or source device for power.
    - Plug the HDMI connector of the TX unit into the HDMI output port of your source device (e.g., laptop, PC, game console).
3. **Pairing:**
    - Once both the TX and RX are connected and powered, they will automatically attempt to pair. This process typically takes 18-22 seconds.
    - Press the function button on the TX unit to initiate or confirm pairing if needed. The indicator light on the TX will be solid blue when successfully paired.



Image: A visual guide demonstrating the four steps for plug-and-play setup: connecting power, inputting video signal to TX, connecting RX to TV, and waiting for pairing.

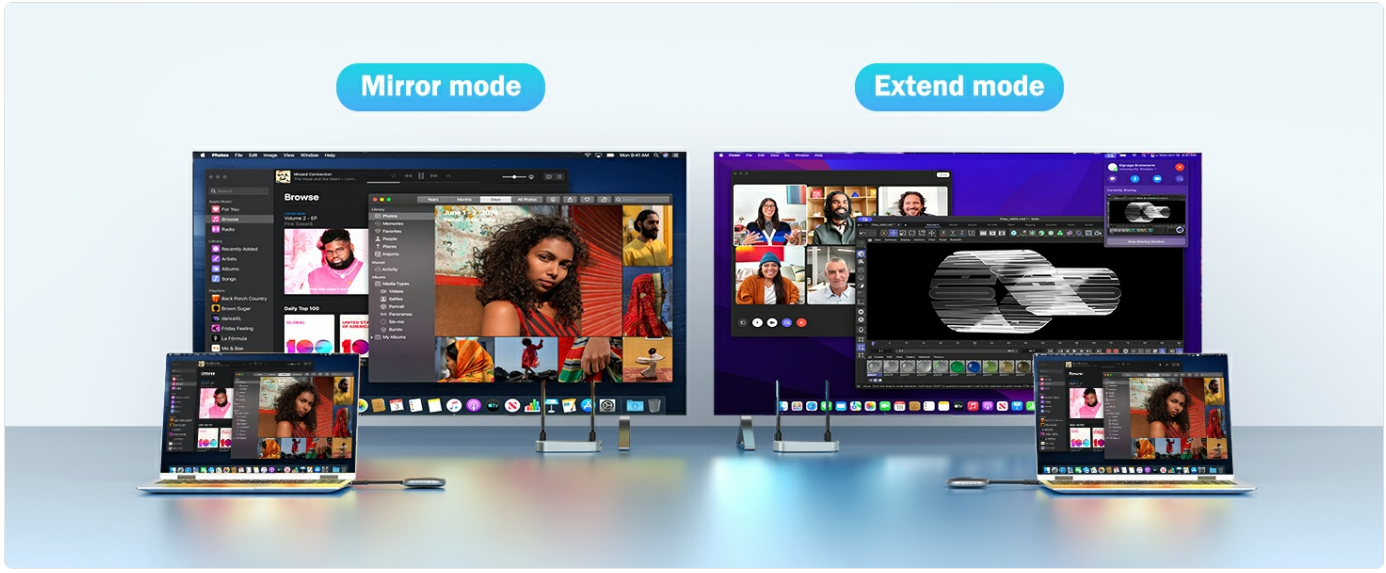


Image: A diagram illustrating the automatic pairing process between the transmitter (TX) and receiver (RX) within 5 seconds of connection.

3.1 Setup Demonstration Video

Video: This video provides a general overview and demonstration of the setup process for the Lemorele Wireless HDMI Transmitter and Receiver Kit.

Video: A detailed demonstration of connecting and operating the Lemorele Wireless HDMI Kit, including power connections and signal transmission.

4. Operating Instructions

Once the transmitter and receiver are successfully paired, the content from your source device will be displayed on the connected screen. The system is designed for seamless operation.

4.1 Display Modes

The kit supports two primary display modes:

- **Mirror Mode:** Duplicates the content of your source device's screen onto the connected display.
- **Extend Mode:** Extends your desktop, allowing you to have different content on your source device and the connected display.

4.2 Multi-Transmitter Usage

For scenarios requiring multiple presenters or sources, the receiver can connect to up to 8 transmitters. To switch between active transmitters, simply press the function button on the desired TX unit. This allows for quick and convenient switching of content sources in a shared display environment.

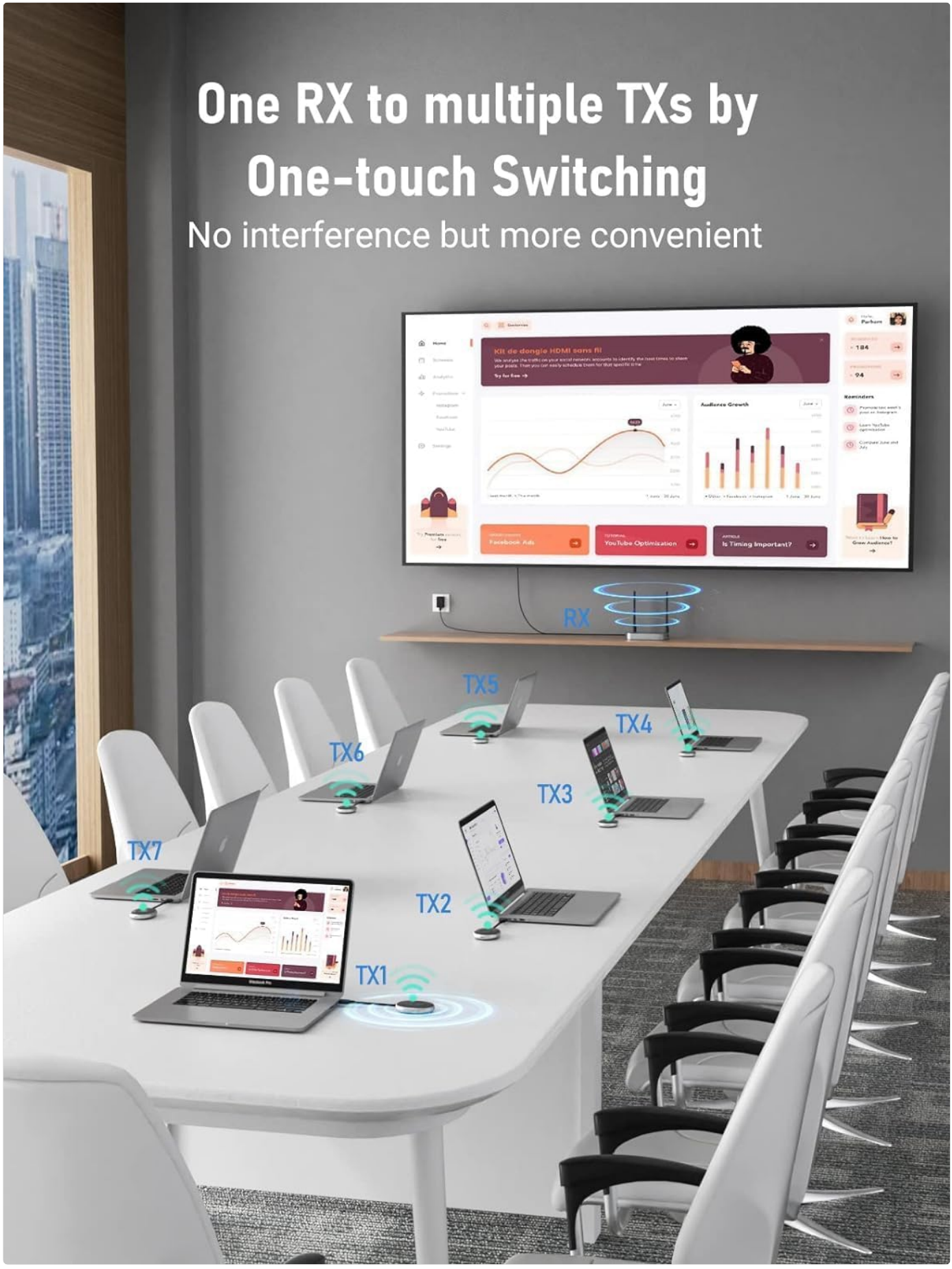


Image: An illustration of a single receiver (RX) wirelessly connected to multiple transmitters (TXs), demonstrating one-touch switching capability for various users.

4.3 Application Scenarios

The kit is versatile and can be used in various settings:

- **Business Meetings:** Facilitate presentations and collaborative work by easily sharing content from multiple laptops.
- **Educational Settings:** Enhance interactive teaching and resource sharing in classrooms or lecture halls.
- **Home Theater:** Stream video, files, and games from your devices to your HDTV or projector for an immersive experience.



Image: The wireless HDMI kit being used in a professional setting, demonstrating its applicability for live streaming setups and presentations.

1 Packaging box

2 Multilingual instructions

3 Receiver

4 Transmitter

5 USB-C Power cable*2

6 HDMI cable



Image: A clear diagram outlining the types of devices compatible with the receiver (HDTV, Monitor, Projector) and the transmitter (Laptop, Game host, Set-Top box, Video camera, and more).

5. 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 surfaces of the transmitter and receiver. Avoid using liquid cleaners or abrasive materials, as they may damage the devices.
- **Storage:** When not in use, store the kit in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the units with care to prevent physical damage. Avoid dropping or subjecting them to strong impacts.
- **Ventilation:** Ensure proper ventilation around the receiver unit during operation to prevent overheating. Do not block the ventilation slots.

6. Troubleshooting

If you encounter issues with your Lemorele Wireless HDMI Kit, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No signal on display	Incorrect input source selected on display; Loose cable connections; TX/RX not powered; Pairing failed.	Verify display input source. Check all cable connections. Ensure both TX and RX units are powered. Re-initiate pairing by pressing the function button on the TX.
Intermittent signal or poor quality	Obstacles (walls, furniture) between TX and RX; Excessive distance; Signal interference from other wireless devices.	Reduce distance between TX and RX. Minimize obstacles. The system automatically switches between 2.4GHz and 5GHz to mitigate interference, but consider moving other wireless devices or adjusting their channels if possible.
Cannot pair TX and RX	Pairing mode not activated; Interference.	Press the function button on the RX for more than 3 seconds to enter pairing mode. Then, press the function button on the TX for more than 3 seconds. The connection is successful if the indicator light on the TX is always on.

Problem	Possible Cause	Solution
Device overheating	Poor ventilation; Prolonged use.	Ensure the receiver has adequate airflow and its ventilation slots are not blocked. Disconnect the device and allow it to cool down if it feels excessively hot.



Image: A visual guide detailing the steps to re-connect the transmitter (TX) and receiver (RX) if the wireless connection is lost.

7. Specifications

Feature	Detail
Product Dimensions	5 x 2.63 x 0.7 inches
Item Weight	10.1 ounces
Model Number	R1L635Q5
Manufacturer	Lemorele
Connectivity Technology	Wireless (2.4/5GHz)
Controller Type	Button Control
Special Features	Miracast, DLAN
Compatible Devices	MacBook, Projectors, Monitors, Laptops, Televisions, Desktops
Total HDMI Ports	2 (on receiver)
Connector Type	HDMI, VGA
Audio Output Mode	Stereo
Surround Sound Channel Configuration	5.1
Video Encoding	H.264, H.265/HEVC, VP9

8. Warranty and Support

Lemorele provides a one-year product warranty for this Wireless HDMI Transmitter and Receiver Kit. The company also offers unconditional returns and exchanges within the applicable period. For any questions or assistance, 24-hour online customer service is available.

For additional information or to download the official user manual in PDF format, please visit the following link:Lemorele Wireless HDMI Kit User Manual (PDF)

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