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Lemorele R15 RX

Lemorele R15 RX Wireless HDMI Extender User Manual

Model: R15 RX

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1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Lemorele R15 RX Wireless HDMI Extender. This device allows for wireless transmission of HDMI video and audio signals over distances up to 656 feet (200 meters), supporting configurations where one transmitter (TX) can be paired with up to four receivers (RXs). It features LoopOutput, KVM functionality, and IR pass-through for enhanced control. Please read this manual thoroughly before use to ensure proper setup and optimal performance.

2. KEY FEATURES

- **Wireless HDMI Extension:** Transmits HDMI signals wirelessly up to 656 feet (200 meters).
- **Multi-Receiver Support:** One transmitter (TX) can be paired with up to four receivers (RXs) simultaneously.
- **LoopOutput:** HDMI output on the transmitter for local monitoring.
- **KVM Functionality:** Supports Keyboard, Video, and Mouse extension.
- **IR Pass-through:** Allows control of the source device from the receiver location.
- **5G Streaming:** Utilizes 5G wireless technology for stable video and audio transmission.
- **Wide Compatibility:** Compatible with various HDMI source devices and displays including TVs, monitors, projectors, cable boxes, Blu-ray players, gaming consoles (PS5/4/3, Xbox), computers, and laptops.

3. PACKAGE CONTENTS

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

- 1 x HDMI Receiver (RX)
- 2 x Antennae

- 1 x HDMI Cable
- 1 x IR IN Cable
- 1 x Audio Cable
- 1 x Power Adapter
- 1 x User Manual

4. SETUP INSTRUCTIONS

4.1 Initial Pairing Steps

1. Ensure both the transmitter (TX) and receiver (RX) units are powered off.
2. Connect the HDMI output of the receiver (RX) to the HDMI input of the transmitter (TX) using an HDMI cable. This direct connection is for initial pairing only.
3. Power on both the transmitter and receiver units.
4. Observe the STA (green light) indicator on both the receiver and transmitter. After a few seconds, the STA lights on both units will illuminate steadily, indicating successful pairing.
5. Once paired, disconnect the HDMI cable used for pairing.

4.2 Standard Connection

After successful pairing, proceed with the standard connection as follows:

1. Transmitter (TX) Setup:

- Connect your HDMI source device (e.g., computer, Blu-ray player) to the HDMI IN port of the transmitter using an HDMI cable.
- (Optional) If local monitoring is desired, connect a display to the HDMI OUT (LoopOutput) port of the transmitter.
- Connect the power adapter to the transmitter and plug it into a power outlet.
- Attach the antennae to the transmitter unit.

2. Receiver (RX) Setup:

- Connect your display device (e.g., TV, monitor, projector) to the HDMI OUT port of the receiver using an HDMI cable.
- Connect the power adapter to the receiver and plug it into a power outlet.
- Attach the antennae to the receiver unit.
- (Optional) For IR pass-through, connect the IR IN cable to the receiver and position the IR emitter near the IR sensor of your source device.
- (Optional) For KVM functionality, connect your keyboard and mouse to the USB ports on the receiver.



Figure 1: Example setup demonstrating one transmitter (TX) paired with four receivers (RXs) for multi-display output. The TX unit is connected to a source (not shown) and wirelessly broadcasts to multiple RX units, each connected to a separate display.

4.3 Multi-Receiver Configuration (1 TX to 4 RXs)

The Lemorele R15 RX system supports connecting one transmitter to up to four receivers. Follow the "Initial Pairing

Steps" for each receiver you wish to pair with the transmitter. Once all receivers are paired, they will simultaneously receive the signal from the single transmitter.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- To power on, connect the power adapter to the unit and a power outlet. The unit will automatically power on.
- To power off, disconnect the power adapter from the unit.

5.2 Signal Transmission

Once all connections are made and units are powered on, the transmitter will automatically detect the HDMI input and begin broadcasting the signal. The receivers will automatically detect the wireless signal and display the content on the connected monitors. Ensure that the source device is outputting a compatible HDMI signal.

5.3 IR Remote Control

If you have connected the IR IN cable to the receiver and positioned the IR emitter correctly near your source device's IR sensor, you can use your source device's remote control from the receiver location to control the source.

5.4 KVM Functionality

For KVM functionality, connect your USB keyboard and mouse to the designated USB ports on the receiver unit. This allows you to control the connected computer (source device) from the receiver location.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use liquid or aerosol cleaners.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Ventilation:** Ensure proper ventilation around the units to prevent overheating. Do not block any ventilation openings.
- **Handling:** Handle the units with care. Avoid dropping or subjecting them to strong impacts.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No signal on display.	<ul style="list-style-type: none">◦ Incorrect cable connections.◦ Units not powered on.◦ Pairing failed or lost.◦ Source device not outputting signal.◦ Distance too far or obstructions.	<ul style="list-style-type: none">◦ Check all HDMI and power cable connections.◦ Ensure both TX and RX units are powered on.◦ Repeat the initial pairing steps (Section 4.1).◦ Verify the source device is on and outputting an HDMI signal.◦ Reduce distance between TX and RX, remove obstructions, or reposition antennae.

Problem	Possible Cause	Solution
Poor video quality or flickering.	<ul style="list-style-type: none"> ◦ Weak wireless signal. ◦ Interference from other 5G devices. ◦ Cables are loose or damaged. 	<ul style="list-style-type: none"> ◦ Ensure TX and RX are within range and line of sight. ◦ Minimize other 5G wireless devices nearby. ◦ Check and secure all HDMI cables. Replace if damaged.
IR remote control not working.	<ul style="list-style-type: none"> ◦ IR emitter not correctly positioned. ◦ IR cable not fully connected. 	<ul style="list-style-type: none"> ◦ Ensure the IR emitter is directly facing the IR sensor of the source device. ◦ Check the IR IN cable connection to the receiver.

8. SPECIFICATIONS

Model Number	R15 RX
Brand	Lemorele
Product Dimensions	3.58 x 3.5 x 1.25 inches
Item Weight	1.38 pounds
Connectivity Technology	HDMI, Wireless (5G)
Compatible Devices	Television, Monitor, Projector, Cable box, Blu-ray Players, PS 5/4/3, Xbox, Computers, Laptop, etc.
Total HDMI Ports	3 (on TX: 1 IN, 1 OUT; on RX: 1 OUT)
Audio Output Mode	Surround
Surround Sound Channel Configuration	4.0
Color	Black

9. WARRANTY AND SUPPORT

9.1 Product Warranty

Lemorele offers a one-year product warranty from the date of purchase. During this period, you may request an unconditional return or exchange for any manufacturing defects or performance issues. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For any inquiries, technical assistance, or warranty claims, please contact Lemorele customer service. Our support team is available 24 hours online to assist you.

- **Online Support:** Visit the official Lemorele website or contact through your purchase platform.
- **Email Support:** Refer to your product packaging or the official website for the support email address.

Note: For the most up-to-date contact information, please refer to the Lemorele official website or the contact details

provided with your product packaging.

