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Lemorele R100 Plus-RX

Lemorele R100 Plus-RX Wireless HDMI Audio Video Receiver User Manual

Model: R100 Plus-RX | Brand: Lemorele

1. Product Overview

The Lemorele R100 Plus-RX is a wireless HDMI audio and video receiver designed to extend Full HD 1080P HDMI signals over long distances. Equipped with a dual antenna and high-speed 5.8G transmission, it ensures a strong, fast, and stable video signal. Utilizing WiFi transmission technology, the signal can be wirelessly extended up to 200 meters in an open field, providing enhanced signal strength and excellent anti-interference performance. This receiver is specifically designed to be paired with the Lemorele R100 Plus transmitter (TX).

2. Package Contents

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

- 1 x Lemorele R100 Plus-RX Wireless HDMI Receiver
- 1 x Power Adapter
- 1 x 0.5m HDMI Cable
- 1 x Micro to HDMI Adapter
- 1 x Mini HDMI to HDMI Adapter
- 1 x 4400 mAh Battery
- 1 x USB to USB C Power Adapter
- 1 x User Manual



Figure 2.1: Contents of the Lemorele R100 Plus-RX package, including the receiver, battery, cables, adapters, and power supply.

3. Setup Guide

3.1 Initial Setup

1. **Charge the Battery:** Before first use, fully charge the included 4400 mAh battery using the provided USB to USB C power adapter.
2. **Connect Power:** Connect the power adapter to the receiver's power input. Alternatively, the receiver can be powered by the charged 4400 mAh battery.
3. **Connect to Display:** Use an HDMI cable to connect the HDMI OUT port of the R100 Plus-RX receiver to the HDMI IN port of your display device (e.g., TV, projector, monitor).
4. **Power On:** Press the power button on the receiver to turn it on. The indicator lights should illuminate.

3.2 Pairing Instructions

The R100 Plus-RX receiver must be paired with a compatible Lemorele R100 Plus transmitter (TX) for operation. Please note that this receiver is exclusively compatible with the Lemorele R100 Plus transmitter model.

1. Ensure both the R100 Plus-TX transmitter and R100 Plus-RX receiver are powered on and within close proximity for initial pairing.
2. Refer to the R100 Plus transmitter's manual for specific pairing button locations and procedures. Typically, a pairing button on both devices needs to be pressed simultaneously or in sequence.
3. Once successfully paired, the indicator lights on both devices will confirm the connection, and the receiver will begin displaying the signal from the transmitter.



Figure 3.1: The Lemorele R100 Plus-RX receiver, showing its main unit, detachable battery, and included HDMI adapters.

4. Operating Instructions

4.1 Basic Operation

After successful setup and pairing, the R100 Plus-RX receiver will automatically receive the HDMI signal from the paired

R100 Plus-TX transmitter. Ensure your display device is set to the correct HDMI input source.

- **Signal Indicator:** Observe the signal indicator lights on the receiver. A solid light typically indicates a stable connection.
- **Battery Status:** If operating on battery power, monitor the battery indicator lights to ensure sufficient charge. Recharge the battery when low.

4.2 Multi-Receiver Configuration

The Lemorele R100 Plus system supports connecting multiple receivers to a single transmitter. One R100 Plus transmitter (TX) can be paired with up to four R100 Plus-RX receivers. However, it is important to note that four receivers cannot be connected to a single transmitter simultaneously for active transmission. The system supports a 1-to-1, 1-to-2, 1-to-3, or 1-to-4 configuration, with transmission distance decreasing as more receivers are added:

- 1 TX to 1 RX transmission distance: 200m
- 1 TX to 2 RX transmission distance: 60m
- 1 TX to 3 RX transmission distance: 30m
- 1 TX to 4 RX transmission distance: 20m

To add additional receivers, follow the pairing instructions in Section 3.2 for each new receiver.



Figure 4.1: Multi-receiver setup showing one transmitter (TX) connected to four receivers (RX), with corresponding transmission distances.

5. Maintenance

To ensure the longevity and optimal performance of your Lemorele R100 Plus-RX receiver, follow these maintenance

guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use liquid cleaners or aerosols.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** If using the battery, avoid fully discharging it frequently. For long-term storage, charge the battery to approximately 50% to preserve its lifespan.
- **Ventilation:** Ensure the device has adequate ventilation during operation to prevent overheating.

6. Troubleshooting

If you encounter issues with your R100 Plus-RX receiver, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No signal on display	Receiver not powered on; Not paired with TX; Incorrect HDMI input on display; TX not transmitting.	Ensure receiver is powered on. Re-pair receiver with TX (Section 3.2). Select correct HDMI input on your display. Check TX status.
Poor video quality / Flickering	Excessive distance; Obstructions; Interference; Low battery on RX or TX.	Reduce distance between TX and RX. Remove obstructions. Minimize other 5G wireless devices. Recharge batteries.
Audio but no video	HDMI cable issue; Display compatibility.	Try a different HDMI cable. Ensure your display supports the transmitted resolution (1080P).
Receiver not turning on	No power; Faulty power adapter/battery.	Check power connection. Ensure battery is charged or try powering with the adapter directly.

7. Technical Specifications

Feature	Specification
Brand	Lemorele
Model Number	R100 Plus-RX
Color	Black
Connectivity Technology	HDMI
Connections	HDMI 5G
Special Features	Battery or 12V adapter powered, HDMI Loopout (on TX), 1 TX to 4 RX max
Compatible Devices	Lemorele R100 Plus (Transmitter)
Battery Composition	Lithium-ion
Battery Capacity	4400 mAh (included)
Rechargeable Battery	Yes
Video Encoding	H.264, H.265/HEVC, MPEG-4, etc.

Feature	Specification
Surround Sound Channel Config.	4.0
Audio Output Mode	Stereo, Surround
Total HDMI Ports	1 (Output)
Connector Type	USB and HDMI
Transmission Distance (1 TX to 1 RX)	Up to 200m (open field)
Transmission Frequency	5.8 GHz

8. Warranty and Support

For warranty information and technical support, please refer to the warranty card included in your product packaging or visit the official Lemorele website. Keep your purchase receipt as proof of purchase for any warranty claims.
If you require further assistance or have questions not covered in this manual, please contact Lemorele customer support through the contact information provided on their official website or the product packaging.

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