

## Ransanx M2R

# Ransanx M2R Bluetooth 5.4 Audio Receiver Instruction Manual

Model: M2R

## 1. INTRODUCTION

The Ransanx M2R Bluetooth 5.4 Audio Receiver is designed to upgrade existing audio systems, such as home stereo receivers or car speakers, with wireless audio streaming capabilities. Featuring Bluetooth 5.4 technology, it allows for stable and efficient connection to various Bluetooth-enabled devices. This manual provides detailed instructions for setup, operation, and maintenance of your M2R audio receiver.

### Key Features:

- Bluetooth 5.4 for enhanced wireless audio streaming.
- Equipped with 3.5mm AUX and 2RCA audio output ports.
- Supports A2DP/AVRCP/HFP/HSP profiles.
- NFC one-touch connection for compatible devices.
- Dual device connection capability.
- USB playback support.
- Includes an infrared remote control for convenient operation.
- Hands-free calling function.

## 2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- Product Host (M2R Bluetooth Audio Receiver) x 1
- Lotus Cable (RCA to 3.5mm Audio Cable) x 1
- 3.5mm Audio Cable x 1
- Charging Cable (USB-A to USB-C) x 1
- User Manual x 1
- Remote Control x 1

# Product List

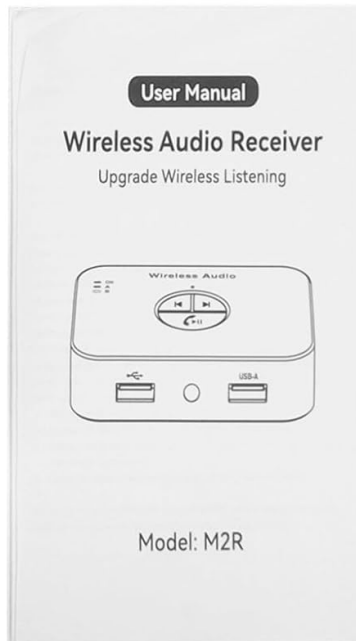


Image: Ransanx M2R Bluetooth Audio Receiver, remote control, 3.5mm audio cable, RCA cable, USB charging cable, and user manual.

## 3. PRODUCT OVERVIEW

### Device Ports and Indicators:

# Version 5.4 Bluetooth parameters



3.5mm AUX Output

RCA Output

Type-C Power Port

Image: Close-up view of the Ransanx M2R receiver showing the 3.5mm AUX output, RCA output (red and white ports), and Type-C power input port.

- **3.5mm AUX Output:** Connects to audio devices with a 3.5mm input.
- **RCA Output:** Connects to audio devices with RCA (red/white) inputs.
- **Type-C Power Port:** For DC 5V 2A power input.
- **Indicator Lights:** Provide status feedback (e.g., pairing, connected, factory reset).

## Remote Control Functions:



**Note:** The remote control uses CR2025 button batteries, please replace the battery by yourself when it runs out.

Image: Detailed layout of the remote control for the M2R receiver, indicating buttons for power on/off, volume up/down, previous/next song, play/pause, fast backward/forward, single repeat, shuffle play, Bluetooth input, and USB disk input.

- **Power On/Off:** Turns the device on or off.
- **Volume +/-:** Adjusts the audio volume.
- **Previous/Next Song:** Skips to the previous or next track.
- **Play/Pause:** Toggles playback.
- **Fast Backward/Forward:** Navigates within a track.
- **Single Repeat:** Repeats the current track.
- **Shuffle Play:** Randomizes track playback.
- **BT Input:** Switches to Bluetooth input mode.
- **USB Input:** Switches to USB disk input mode.
- **Note:** The remote control uses CR2025 button batteries. Replace the battery when it runs out.

## 4. SETUP AND CONNECTION

### 4.1 Powering the Device

1. Connect the provided USB charging cable to the Type-C power port on the M2R receiver.
2. Plug the other end of the USB cable into a DC 5V 2A power source (e.g., a USB wall adapter, car USB port).
3. The device will power on automatically and enter pairing mode.

### 4.2 Connecting to Your Audio System

Choose one of the following methods to connect the M2R receiver to your speakers or stereo system:

- **Using 3.5mm AUX Cable:** Connect one end of the 3.5mm audio cable to the 3.5mm AUX output port on the M2R receiver and the other end to the 3.5mm input port on your speaker or stereo system.
- **Using RCA Cables:** Connect the red and white plugs of the RCA cable to the corresponding RCA output ports on the M2R receiver. Connect the other end of the RCA cable to the red and white RCA input ports on your speaker or stereo system.



Image: The M2R receiver connected via RCA cables to a speaker, with a smartphone wirelessly connected to the receiver, demonstrating a typical setup for home audio.

### 4.3 Bluetooth Pairing

1. Ensure the M2R receiver is powered on and the indicator lights are flashing, indicating it is in pairing mode.
2. On your Bluetooth-enabled device (smartphone, tablet, computer), go to the Bluetooth settings.
3. Search for available devices and select "M2R" from the list.
4. Once connected, the indicator lights on the M2R receiver will become solid, and you will hear an audible confirmation.

### 4.4 NFC One-Touch Connection (for compatible Android devices)



1. Ensure NFC is enabled on your Android smartphone or tablet.
2. Tap your NFC-enabled device near the NFC area on the M2R receiver.
3. Confirm the pairing request on your device.



Image: An illustration demonstrating NFC one-touch connection between the M2R receiver and various devices like smartphones, tablets, headphones, and speakers. Note: NFC is not available for iOS devices.

## 4.5 Dual Device Connection

The M2R receiver supports connecting up to two Bluetooth-enabled smartphones or computers simultaneously. After the first device is successfully paired, pair the second device following the Bluetooth pairing steps. The receiver will manage audio playback from either connected device.

## 5. OPERATING INSTRUCTIONS

### 5.1 Basic Controls (On-Device Buttons)

The M2R receiver features control buttons on its top surface:

- **Play/Pause Button:** Single-click to play or pause music.
- **Next Track Button:** Single-click to skip to the next track.
- **Previous Track Button:** Single-click to go to the previous track.

- **Call Button:** Single-click to answer/end calls, long-press to reject calls.

## 5.2 Using the Remote Control

The included infrared remote control provides full functionality for the M2R receiver. Refer to the 'Remote Control Functions' diagram in Section 3 for button layout.

- **Power:** Press the power button to turn the device on or off.
- **Volume Adjustment:** Use VOL+ and VOL- buttons to control volume.
- **Track Navigation:** Use the Previous and Next track buttons.
- **Playback Control:** Use the Play/Pause button.
- **Input Source:** Use the BT button for Bluetooth input and USB button for USB disk input.

## 5.3 USB Flash Drive Playback

Insert a USB flash drive containing audio files into the USB port on the M2R receiver. Use the remote control's 'USB' button to switch to USB input mode. Playback can then be controlled via the remote or on-device buttons.

## 5.4 Hands-Free Calling

When a call comes in while your phone is connected via Bluetooth, you can answer it using the call button on the receiver or the remote control. The built-in microphone allows for hands-free communication.

Your browser does not support the video tag.

Video: Demonstrates the M2R receiver's button functions for track navigation and play/pause, as well as the remote control's capabilities including volume, power, and signal switching. It also shows how to perform a factory reset by long-pressing the previous and next track buttons simultaneously.

# 6. MAINTENANCE

- Keep the device away from excessive heat, moisture, and direct sunlight.
- Clean the device with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Avoid dropping or subjecting the device to strong impacts.
- Ensure proper ventilation when in use.

# 7. TROUBLESHOOTING

- **No Power:** Ensure the Type-C power cable is securely connected to a DC 5V 2A power source.
- **No Sound:**
  - Check if the M2R receiver is properly connected to your audio system (3.5mm AUX or RCA).
  - Verify that the volume on both the M2R receiver and your connected audio system is turned up.
  - Ensure your Bluetooth device is successfully paired and playing audio.
- **Cannot Pair Bluetooth:**
  - Make sure the M2R receiver is in pairing mode (flashing indicator lights).
  - Disable and re-enable Bluetooth on your device.
  - Move your device closer to the M2R receiver.
  - If issues persist, perform a factory reset (see Section 5.1, demonstrated in video).
- **Remote Control Not Working:**
  - Check and replace the CR2025 button battery in the remote control.
  - Ensure there are no obstructions between the remote and the receiver.

## 8. SPECIFICATIONS

Feature	Specification
Model Number	M2R
Bluetooth Version	5.4
Audio Ports	3.5mm AUX Output, 2RCA Output
Supported Profiles	A2DP/AVRCP/HFP/HSP
NFC Support	Yes (One-touch connection)
Input Power	DC 5V 2A
Bluetooth Distance	Up to 20 meters (unobstructed environment)
Special Feature	Hands-Free Calls
Item Weight	5 ounces
Package Dimensions	5 x 4.37 x 1.46 inches
Manufacturer	Ransanx

## 9. SAFETY INFORMATION

- **Battery Handling:** The remote control contains a button battery. Keep batteries away from excessive heat and moisture. Do not dispose of batteries in fire. Recycle batteries according to local regulations.
- **Interference Warning:** This device may interfere with other wireless devices. Follow instructions to minimize interference. Always adhere to local regulations regarding wireless device usage.
- Do not attempt to disassemble or modify the device. This may void the warranty and pose safety risks.
- Avoid exposing the device to water or other liquids.

## 10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official Ransanx website. Keep your proof of purchase for warranty claims.