

1Mii RT5066R1

1Mii RT5066R1 Wireless Audio Transmitter Receiver Set User Manual

Model: RT5066R1

1. INTRODUCTION

The 1Mii RT5066R1 Wireless Audio Transmitter Receiver Set provides a high-fidelity, low-latency 2.4GHz wireless audio solution. This system allows you to transmit audio from various sources like TVs, PCs, or MP4 players to speakers, soundbars, or home stereo systems without the need for extensive cabling. It supports RCA input/output and delivers high-quality audio up to 24bit/192kHz, ensuring excellent sound synchronization for an enhanced listening experience.

2. PACKAGE CONTENTS

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

- Wireless Audio Transmitter (TX)
- Wireless Audio Receiver (RX)
- 5V Power Adapter
- RCA to AUX Audio Cable
- USB Power Cable

3. PRODUCT OVERVIEW

The 1Mii RT5066R1 system consists of two main units: a Transmitter (TX) and a Receiver (RX). Both units feature a compact design with external antennas for optimal signal transmission.



Image: The 1Mii RT5066R1 Wireless Audio Transmitter and Receiver units, showing their compact design and external antennas.

Transmitter (TX) Unit:

- **Power Button:** Used to power on/off the device and initiate manual pairing.
- **Indicator Light:** Displays pairing status (flashing red/blue during pairing, solid blue when connected).
- **Audio In (RCA L/R):** Connects to the audio output of your source device (e.g., TV, PC).
- **DC 5V Port:** For power supply.

Receiver (RX) Unit:

- **Power Button:** Used to power on/off the device and initiate manual pairing.
- **Indicator Light:** Displays pairing status (flashing red/blue during pairing, solid blue when connected).
- **Audio Out (RCA L/R):** Connects to the audio input of your speaker system (e.g., powered speakers, amplifier).
- **DC 5V Port:** For power supply.

4. SETUP AND CONNECTION

Follow these steps to set up your 1Mii RT5066R1 Wireless Audio Transmitter Receiver Set:

1. Connect the Transmitter (TX):

Connect the RCA-AUX audio cable to the "Audio In" ports (red for right, white for left) on the Transmitter unit. Connect the other end of the cable to the audio output of your source device (e.g., TV, PC, MP4 player). Power the Transmitter using the provided 5V power adapter and USB power cable.



Image: Diagram showing the 1Mii Transmitter connected to a TV and PC, illustrating RCA input connections.

2. Connect the Receiver (RX):

Connect the RCA-AUX audio cable to the "Audio Out" ports (red for right, white for left) on the Receiver unit. Connect the other end of the cable to the audio input of your desired output device (e.g., powered speakers, amplifier, soundbar). Power the Receiver using its 5V power adapter and USB power cable.

あらゆるオーディオ機器間の接続に遅延がない

2.4GHzワイヤレス技術により、
完璧なオーディオとビデオの同期を実現します。



Image: Diagram showing the 1Mii Receiver connected to an amplifier and various speaker types, illustrating RCA output connections.

3. Automatic Pairing:

Once both the Transmitter and Receiver are powered on, they will automatically attempt to pair. The indicator lights on both units will flash red and blue during the pairing process. Upon successful connection, the indicator lights will turn solid blue.



Image: The Transmitter and Receiver units showing solid blue indicator lights, signifying a successful automatic pairing.

4. Manual Pairing (if needed):

If automatic pairing fails, press the power button on both the Transmitter and Receiver units simultaneously for approximately 2 seconds. The indicator lights will flash red and blue, entering pairing mode. Release the buttons, and the units should connect, with the lights turning solid blue.

5. OPERATING INSTRUCTIONS

Once successfully paired, the 1Mii RT5066R1 system operates automatically. Simply play audio from your source device, and it will be wirelessly transmitted to your connected speakers.

- Power On/Off:** Press and hold the power button on each unit for a few seconds to turn them on or off.
- Volume Control:** Adjust the volume directly on your source device (e.g., TV, PC) or on your connected amplifier/speakers. The 1Mii units do not have independent volume controls.
- Automatic Reconnection:** After initial pairing, the units will automatically reconnect when powered on, provided they are within range.

24bit/192kHz優れた音質

24bit/192kHzはCDより高音質です。



Image: A visual guide demonstrating the simple plug-and-play operation, connecting the transmitter to a TV and the receiver to a speaker system.

6. KEY FEATURES

- **HiFi Audio and Ultra-Low Latency:**

The RT5066 system supports 2.4GHz wireless transmission with latency below 20ms, ensuring excellent synchronization between audio and video. It delivers high-quality audio up to 24bit/192kHz, surpassing CD quality for an immersive listening experience.

非常に使いやすい

電源に接続、オートパワーオン、オートペアリング

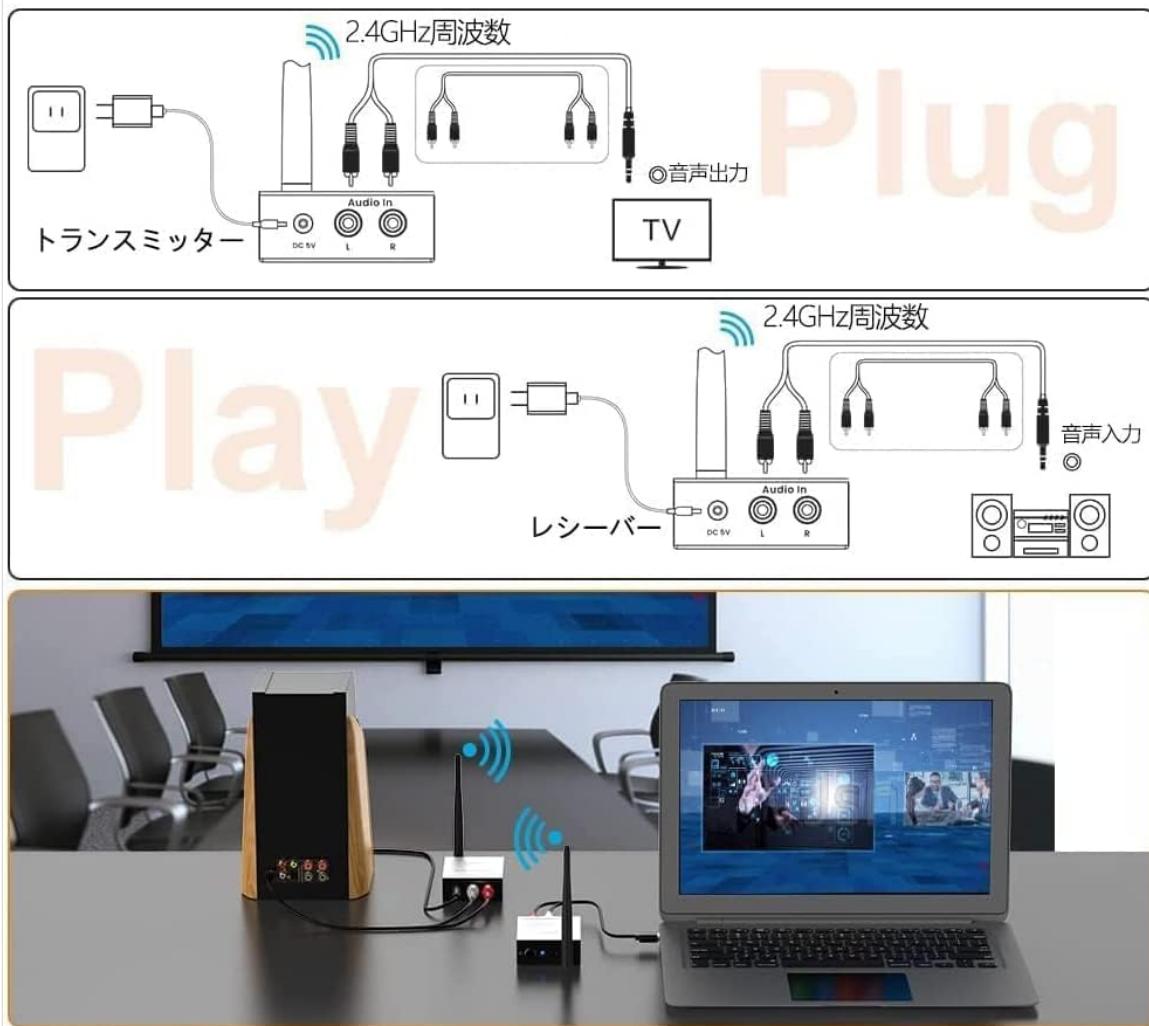


Image: A couple enjoying TV with synchronized audio, highlighting the low-latency feature of the 1Mii RT5066R1.

- **Long-Range Transmission:**

The 1Mii RT5066R1 offers an extended transmission range. In open outdoor areas, it can reach up to 320 feet (100 meters). Indoors, with obstacles, the range is approximately 164 feet (50 meters), allowing for flexible placement of your audio equipment.

プラグアンドプレイ



Image: The 1Mii Transmitter and Receiver units positioned in a large room, illustrating the effective transmission range of up to 100 meters in open spaces.

- **Versatile Connectivity:**

Both the transmitter and receiver units are equipped with RCA input/output ports, making them compatible with a wide range of audio devices, including TVs, PCs, DVD players, MP4 players, powered speakers, soundbars, and home stereo systems. Note: This product does not support HDMI connections.

- **Interference Resistance:**

The 2.4GHz wireless transmission technology provides strong anti-interference capabilities, ensuring stable and clear audio transmission.

7. TROUBLESHOOTING

If you encounter any issues with your 1Mii RT5066R1, please refer to the following common troubleshooting steps:

1. **No Sound:**

- Ensure both the Transmitter and Receiver units are powered on and their indicator lights are solid blue, indicating a successful connection.
- Check all audio cables (RCA-AUX) to ensure they are securely connected to the correct input/output ports on both the 1Mii units and your source/output devices.
- Verify that the volume on your source device and connected speakers/amplifier is turned up and not muted.
- Confirm that the audio output settings on your source device are correctly configured to send audio through the connected RCA ports.
- Try performing a manual pairing as described in Section 4.

2. **Intermittent Audio or Poor Sound Quality:**

- Ensure the Transmitter and Receiver are within the recommended operating range (up to 50m indoors, 100m outdoors).
- Reduce the number of obstacles (walls, large furniture) between the Transmitter and Receiver.
- Check for potential sources of 2.4GHz interference (e.g., Wi-Fi routers, microwaves, cordless phones) and try to move the 1Mii units away from them.
- Verify that the audio cables are not damaged or faulty.

3. Units Not Pairing:

- Ensure both units are powered on.
- Perform a manual pairing by pressing the power button on both units for 2 seconds until the lights flash red/blue, then release.
- Power cycle both units (turn off, unplug, wait 10 seconds, plug back in, and turn on) and attempt pairing again.

8. SPECIFICATIONS

Feature	Description
Brand	1Mii
Model Number	RT5066R1
Connectivity Technology	2.4G Wireless
Audio Output Mode	Stereo
Compatible Devices	Speakers, TV, PC
Connector Type	3.5mm Jack, RCA
Color	Black
Product Dimensions	8 x 5 x 3 cm
Item Weight	0.31 Kilograms
Special Features	2.4G Wireless Transmission, HiFi Audio, Low Latency, Long-Range Transmission
TELEC Certification	Certified (Certification Number: R217-220509)

9. SAFETY INFORMATION

- Do not expose the device to extreme temperatures, humidity, or direct sunlight.
- Avoid dropping or subjecting the device to strong impacts.
- Do not attempt to disassemble or repair the device yourself. Contact customer support for assistance.
- Use only the provided power adapter and cables to prevent damage.
- Keep the device away from water or other liquids.

10. WARRANTY AND SUPPORT

For warranty information, technical support, or any questions regarding your 1Mii RT5066R1 Wireless Audio Transmitter Receiver Set, please refer to the official 1Mii website or contact their customer service directly. Keep your purchase receipt for warranty claims.

Note: The wireless connection is established exclusively between the RT5066 Transmitter and Receiver. This product is not designed to pair with other commercial Bluetooth devices such as Bluetooth headphones or mobile phones.

© 2025 1Mii. All rights reserved.

Related Documents - RT5066R1

	<p><u>1Mii B03 Bluetooth 5.3 Transmitter Receiver User Manual</u></p> <p>User manual for the 1Mii B03 Bluetooth 5.3 Transmitter Receiver, detailing its features, operation, and troubleshooting for home stereo audio transmission with aptX Low Latency and HD support.</p>
	<p><u>1Mii B03Pro Bluetooth 5.0 Transmitter and Receiver User Manual</u></p> <p>User manual for the 1Mii B03Pro Bluetooth 5.0 audio transmitter and receiver. Features include aptX HD, Low Latency, ESS DAC, Optical/RCA/AUX connectivity, and dual-link for high-fidelity wireless audio streaming.</p>
	<p><u>1Mii B03 Bluetooth 5.0 Transmitter Receiver User Guide</u></p> <p>Comprehensive user guide for the 1Mii B03 Long Range Bluetooth 5.0 Transmitter and Receiver. Learn how to connect your TV or home stereo for wireless audio with aptX Low Latency support.</p>
	<p><u>1Mii B03Pro Bluetooth 5.3 Transmitter Receiver: User Manual & Features</u></p> <p>A comprehensive guide to the 1Mii B03Pro Bluetooth 5.3 transmitter and receiver, detailing its advanced features, technical specifications, connection modes, and operational instructions for seamless wireless audio.</p>
	<p><u>1Mii B03 Bluetooth Transmitter Receiver HiFi Audio Adapter with aptX LL</u></p> <p>User manual for the 1Mii B03 Bluetooth 5.3 transmitter and receiver. Learn how to connect, pair, and use this HiFi audio adapter with aptX Low Latency for TVs, speakers, and headphones.</p>
	<p><u>1Mii E3Pro Wireless Earbuds Transmitter Set for TV User Manual</u></p> <p>User manual for the 1Mii E3Pro wireless earbuds and transmitter set, enabling low-latency audio transmission from your TV. Features plug-and-play setup for Optical, AUX, and RCA audio outputs, with detailed instructions for connection, operation, and troubleshooting.</p>