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1Mii ML302

1Mii ML302 Bluetooth 5.3 Audio Transmitter Receiver User Manual

Model: ML302

1. Introduction

The 1Mii ML302 is a versatile 2-in-1 Bluetooth 5.3 audio adapter designed to function as both a transmitter (TX) and a receiver (RX). This device allows you to add Bluetooth capabilities to your existing audio equipment, enabling wireless audio streaming. In Transmitter mode, it sends audio from non-Bluetooth devices like TVs or PCs to Bluetooth headphones or speakers. In Receiver mode, it receives audio from Bluetooth-enabled devices like smartphones or tablets and plays it through wired speakers or car stereos. The ML302 supports high-fidelity audio codecs including aptX Adaptive, aptX Low Latency, and aptX HD for an enhanced listening experience.

2. Package Contents

Please check the package for the following items:

- 1Mii ML302 Bluetooth Transmitter Receiver
- User Manual
- 3.5mm Audio Cable
- RCA Audio Cable
- USB-C Charging Cable

Image: The package contents include the ML302 device, user manual, 3.5mm audio cable, RCA audio cable, and a USB-C charging cable.

3. Product Overview and Controls

Familiarize yourself with the device's ports and buttons:

Image: Top and side views of the 1Mii ML302. Labels indicate the Bluetooth pairing button, TX/OFF/RX switch, volume control buttons (+/-), 3.5mm AUX audio interface, RCA audio interface, and Type-C charging port.

- **Bluetooth Pairing Button:** Used to initiate pairing mode.
- **TX/OFF/RX Switch:** Selects Transmitter mode, powers off the device, or selects Receiver mode.
- **Volume Control Buttons (+/-):** Adjusts the audio output volume.
- **3.5mm AUX Audio Interface:** For connecting to devices via a 3.5mm audio cable.
- **RCA Audio Interface:** For connecting to devices via RCA cables.
- **Type-C Charging Port:** For charging the device.

4. Setup and Operation - Transmitter (TX) Mode

In TX mode, the ML302 transmits audio from your non-Bluetooth devices (e.g., TV, PC, MP3 player) to your Bluetooth headphones or speakers.

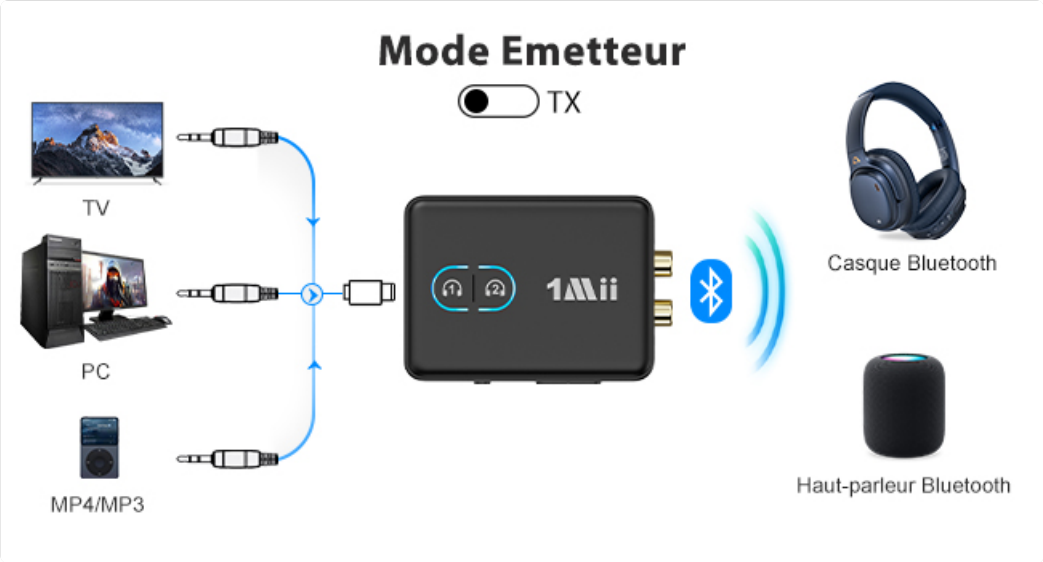

Image: A diagram illustrating the ML302 in TX mode, connecting a TV, PC, or MP3 player to Bluetooth headphones or a Bluetooth speaker.

4.1 Connecting in TX Mode

1. **Power On and Select Mode:** Slide the TX/OFF/RX switch to the "TX" position to power on the device in Transmitter mode.
2. **Connect to Audio Source:** Connect the ML302 to your audio source (e.g., TV, PC, MP3 player) using the provided 3.5mm audio cable or RCA audio cable. Ensure you connect to the **audio output** port of your source device.
3. **Pair with Bluetooth Headphones/Speakers:**
   - Put your Bluetooth headphones or speakers into pairing mode (refer to their respective manuals).
   - Press the Bluetooth pairing button on the ML302. The LED indicator will flash, indicating it is searching for devices.
   - Once connected, the LED indicator will remain solid.
4. **Adjust Volume:** Use the volume control buttons on the ML302 or your connected Bluetooth device to adjust the audio level.

4.2 Dual Connection in TX Mode

The ML302 can connect to two Bluetooth headphones or speakers simultaneously in TX mode.

1. Connect the first Bluetooth headphone/speaker as described above.
2. Put the second Bluetooth headphone/speaker into pairing mode.
3. Press the Bluetooth pairing button on the ML302 again. The ML302 will search for and connect to the second device.
4. Both devices will now receive audio from your source.

5. Setup and Operation - Receiver (RX) Mode

In RX mode, the ML302 receives audio from your Bluetooth-enabled devices (e.g., smartphone, tablet) and plays it through your wired speakers, car stereo, or wired headphones.

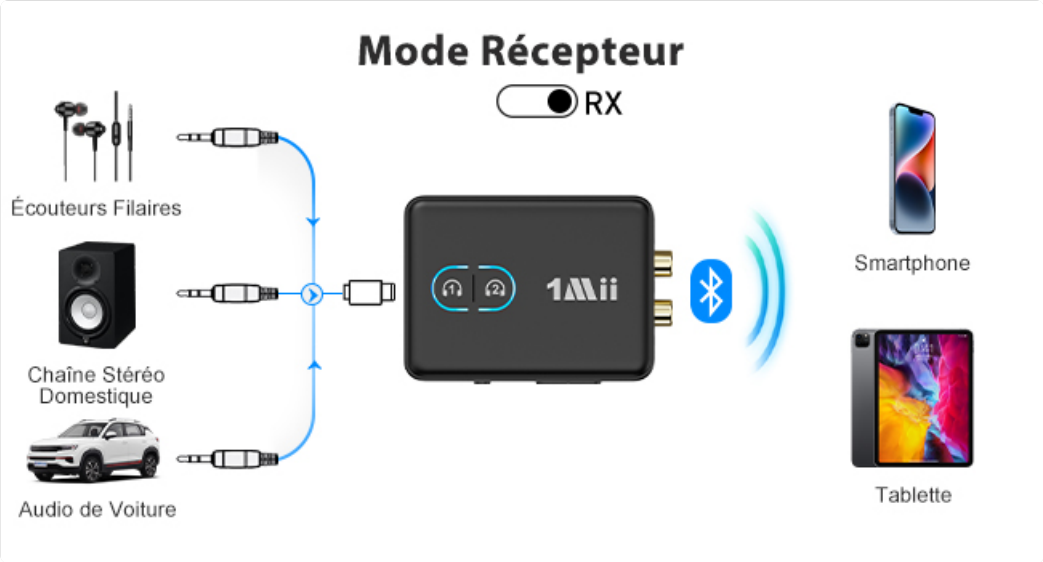

Image: A diagram illustrating the ML302 in RX mode, connecting a smartphone or tablet to wired headphones, a home stereo system, or a car audio system.

5.1 Connecting in RX Mode

1. **Power On and Select Mode:** Slide the TX/OFF/RX switch to the "RX" position to power on the device in Receiver mode.
2. **Connect to Audio Output Device:** Connect the ML302 to your wired speakers, car stereo, or wired headphones using the provided 3.5mm audio cable or RCA audio cable.
3. **Pair with Bluetooth Device:**
    - On your smartphone or tablet, enable Bluetooth and search for "ML302" in the list of available devices.
    - Select "ML302" to connect. The LED indicator on the ML302 will remain solid once connected.
4. **Adjust Volume:** Use the volume control buttons on the ML302 or your connected Bluetooth device to adjust the audio level.

5.2 Dual Connection in RX Mode

The ML302 can connect to two Bluetooth-enabled devices (e.g., two smartphones) simultaneously in RX mode, allowing you to switch between audio sources.

1. Connect the first Bluetooth device as described above.
2. On the second Bluetooth device, enable Bluetooth and search for "ML302" to connect.
3. You can now play music from either connected device. The ML302 will play audio from the device that is actively streaming.

6. Charging the Device

The 1Mii ML302 has a built-in rechargeable battery, offering up to 30 hours of playtime on a full charge.

- Connect the provided USB-C charging cable to the Type-C charging port on the ML302.
- Connect the other end of the USB-C cable to a USB power adapter (e.g., phone charger, computer USB port).
- The LED indicator will show charging status (e.g., red while charging, off when fully charged).
- A full charge typically takes about 3 hours.

7. Maintenance

- Keep the device dry. Moisture can damage the internal circuits.
- Do not expose the device to extreme temperatures. High temperatures can shorten the life of electronic devices and warp or melt certain plastics.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the device. Wipe it with a soft, dry cloth.
- Avoid dropping or subjecting the device to strong impacts, as this can damage internal components.

8. Troubleshooting

8.1 No Sound or Poor Audio Quality

- Ensure the ML302 is properly connected to both the audio source (TX mode) or audio output device (RX mode) and the Bluetooth device.
- Check the volume levels on both the ML302 and the connected devices.
- Verify that the correct input/output source is selected on your TV, stereo, or other audio equipment.
- Ensure there are no obstructions between the ML302 and the Bluetooth device, and they are within the effective range.
- Try restarting both the ML302 and the connected Bluetooth device.
- If using TX mode with a TV, ensure you are connecting to the TV's **audio output** port, not an input port.

8.2 Cannot Pair Bluetooth Device

- Ensure the ML302 is in the correct mode (TX or RX) for your intended use.
- Make sure the ML302 is in pairing mode (LED flashing).
- Ensure your Bluetooth headphones/speakers (TX mode) or smartphone/tablet (RX mode) are also in pairing mode.
- Clear the pairing list on your Bluetooth device and try pairing again.
- Move the devices closer to each other during the pairing process.

8.3 Audio Latency (Delay)

- For minimal latency, ensure both the ML302 and your Bluetooth headphones/speakers support aptX Low Latency (aptX LL).
- Some Bluetooth headphones or speakers may introduce more latency than others.
- Reduce the distance between the ML302 and the connected Bluetooth device.
- Avoid strong Wi-Fi signals or other wireless interference sources.

9. Specifications

Model	ML302
Bluetooth Version	5.3
Supported Codecs (TX Mode)	SBC, aptX, aptX HD, aptX LL, aptX Adaptive
Supported Codecs (RX Mode)	SBC, AAC, aptX, aptX HD, aptX Adaptive
Audio Interfaces	3.5mm AUX, RCA
Power Input	USB-C
Battery Life	Up to 30 hours

Charging Time	Approximately 3 hours
Dimensions	7.5L x 5.5W x 2H cm
Material	Acrylonitrile Butadiene Styrene (ABS)

10. Safety Information

- Keep out of reach of children.
- Do not expose to extreme temperatures.
- Avoid using near other electronic devices to minimize interference.

11. Warranty and Support

The 1Mii ML302 comes with a 1-year warranty from the date of purchase.
For technical support, warranty claims, or further assistance, please contact 1Mii customer service through their official website or the retailer from whom you purchased the product.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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