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RIWUSI

RIWUSI 2-in-1 Bluetooth Transmitter Receiver User Manual

Model: J51

1. INTRODUCTION

The RIWUSI 2-in-1 Bluetooth Transmitter Receiver (Model J51) is a versatile audio adapter designed to enhance your wireless audio experience. It seamlessly switches between transmitting and receiving audio signals, allowing you to connect non-Bluetooth devices to Bluetooth headphones or speakers, and vice-versa. Equipped with Bluetooth 5.3 technology, it ensures stable, high-quality audio transmission with low latency. This manual provides detailed instructions for setup, operation, and troubleshooting to help you maximize the use of your device.

2. SAFETY INFORMATION

For optimal performance and safe operation of your RIWUSI Bluetooth Transmitter Receiver, please adhere to the following guidelines:

- Keep the device away from water, moisture, and extreme temperatures to prevent damage.
- Handle the built-in Lithium Ion battery with care. Do not disassemble, puncture, or expose it to excessive heat.
- Use only the provided Type-C charging cable for recharging.
- Avoid dropping or subjecting the device to strong impacts.
- Do not use this product with musical instruments, as it is not designed for such applications and may result in latency issues.
- If the device malfunctions or exhibits unusual behavior, refer to the troubleshooting section or contact customer support.

3. PACKAGE CONTENTS

Upon opening your RIWUSI 2-in-1 Bluetooth Transmitter Receiver package, you should find the following items:

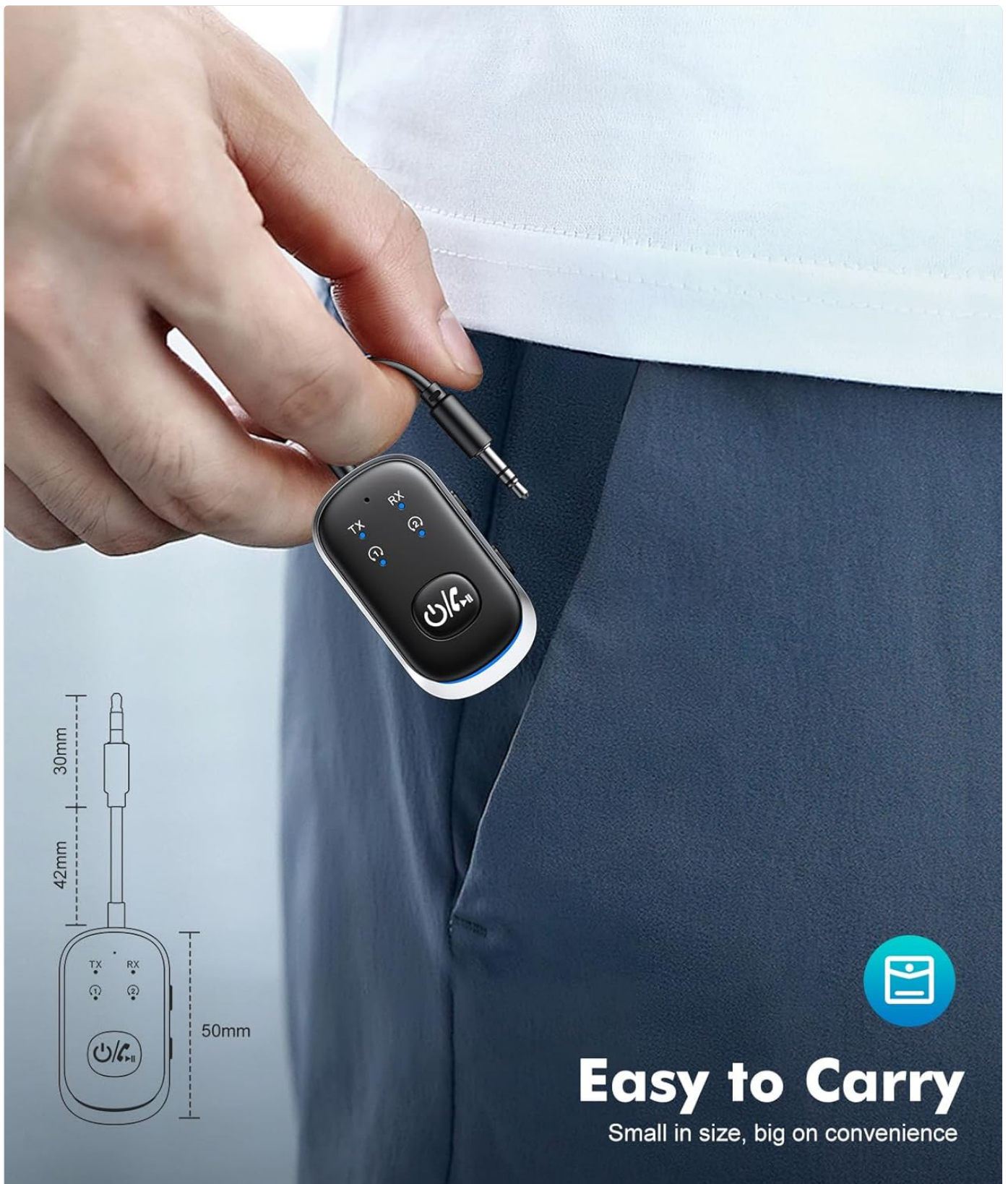
- RIWUSI 2-in-1 Bluetooth Transmitter Receiver (Model J51)
- 3.5mm Audio Cable (integrated)
- Type-C Charging Cable
- Dual 3.5mm Airplane Adapter
- User Manual (this document)

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your RIWUSI Bluetooth Transmitter Receiver:



The compact RIWUSI J51 Bluetooth adapter, featuring TX and RX mode indicators, a multi-function button, reset button, and a 3.5mm audio jack, designed for versatile audio connectivity.



This diagram shows the versatility of the RIWUSI adapter: in TX mode, it connects non-Bluetooth sources like airplanes, TVs, and gaming consoles to Bluetooth headphones/speakers; in RX mode, it connects Bluetooth sources like phones and tablets to non-Bluetooth audio systems like car stereos and home speakers.

Key Components:

- **Multi-Function Button:** Power On/Off, Play/Pause, Answer/End Calls.
- **TX/RX Switch:** Toggles between Transmitter and Receiver modes.
- **Reset Button:** One-touch factory reset for troubleshooting.
- **TX Indicator Light:** Indicates Transmitter mode status.

- **RX Indicator Light:** Indicates Receiver mode status.
- **3.5mm Audio Connection:** For connecting to audio sources/output devices.
- **Type-C Charging Port:** For recharging the device.
- **Microphone:** For hands-free calling in RX mode.

5. SETUP

5.1 Charging the Device

Before first use, fully charge the RIWUSI Bluetooth adapter. Connect the provided Type-C charging cable to the device's charging port and plug the other end into a USB power source (e.g., computer USB port, USB wall adapter). The indicator light will show charging status and turn off when fully charged.

5.2 Power On/Off

- **Power On:** Long-press the Multi-Function Button for 2 seconds until the indicator light turns on.
- **Power Off:** Long-press the Multi-Function Button for 3 seconds until the indicator light turns off.

6. OPERATING MODES

6.1 Transmitter (TX) Mode

In TX mode, the RIWUSI adapter converts non-Bluetooth audio sources into Bluetooth-enabled devices, allowing you to transmit audio wirelessly to Bluetooth headphones or speakers.

1. Switch the TX/RX button to the **TX** side.
2. Plug the 3.5mm audio jack into the audio output port of your non-Bluetooth device (e.g., TV, computer, airplane entertainment system, gaming console).
3. Turn on your Bluetooth headphones or speaker and set them to pairing mode.
4. The RIWUSI adapter will automatically search for and connect to nearby Bluetooth devices. The TX indicator light will illuminate steadily once connected.



Enjoy Your Journey

Easily pair your Bluetooth headphones during the flight



In Transmitter (TX) mode, the RIWUSI adapter allows you to connect your Bluetooth headphones to in-flight entertainment systems, providing wireless audio for your journey.

6.2 Receiver (RX) Mode

In RX mode, the RIWUSI adapter enables your non-Bluetooth audio equipment (e.g., home stereo, car stereo, wired headphones) to receive audio wirelessly from Bluetooth-enabled devices like smartphones or tablets.

1. Switch the TX/RX button to the **RX** side.
2. Plug the 3.5mm audio jack into the audio input port of your non-Bluetooth audio equipment.
3. On your Bluetooth-enabled device (e.g., smartphone), search for "J51" in the Bluetooth settings and connect.

4. The RX indicator light will illuminate steadily once connected. You can now stream audio from your device to your audio equipment.



Connectivity In The Car

Connect and play audio on your car stereo

In Receiver (RX) mode, the RIWUSI adapter enables wireless audio streaming from your smartphone or tablet to your car's stereo system via the 3.5mm AUX input.

6.3 Dual-Link Connectivity (TX Mode)

The RIWUSI adapter supports connecting two Bluetooth headphones simultaneously in TX mode, allowing two users to enjoy the same audio source.

1. Connect the first Bluetooth headphone as described in Section 6.1.

2. Before pairing the second headphone, long-press the Reset button on the RIWUSI adapter for 3 seconds. This prepares the device for a second pairing without disconnecting the first.
3. Put the second Bluetooth headphone into pairing mode. The adapter will automatically connect to it.
4. Both headphones will now receive audio from the connected source.

Dual Connections

Effortlessly pair with two Bluetooth headphones simultaneously



The RIWUSI adapter supports dual-link connectivity, allowing two pairs of Bluetooth headphones to connect simultaneously, perfect for shared listening experiences.

7. BLUETOOTH 5.3 TECHNOLOGY

Your RIWUSI adapter incorporates the latest Bluetooth 5.3 technology, offering several advantages:

- **Stable Connection:** Ensures a robust and reliable wireless link.
- **Low Latency:** Minimizes audio delay, providing a synchronized experience for video and gaming.
- **Extended Range:** Offers a wireless range of up to 10 meters (33 feet), allowing flexibility in device placement.
- **Fast Transmission:** Quick and efficient audio data transfer.
- **Auto Reconnect:** Automatically reconnects to previously paired devices for convenience.



Featuring advanced Bluetooth 5.3 technology, the RIWUSI adapter ensures stable, low-latency, and fast audio transmission with a signal range of up to 33 feet.

8. BATTERY LIFE

The RIWUSI Bluetooth adapter is equipped with a high-capacity battery designed for extended use:

- Provides up to 12 hours of continuous usage on a single charge.
- Ideal for long flights, commutes, or extended listening sessions.

BT 5.3 Stable Connections

Easily Bluetooth connection anytime



Stable Connection

Auto Reconnect

33ft Signal Range

Fast Transmission

Equipped with a high-capacity battery, the RIWUSI Bluetooth adapter provides up to 12 hours of continuous usage on a single charge, ensuring long-lasting audio enjoyment.

9. TROUBLESHOOTING

If you encounter any issues with your RIWUSI Bluetooth adapter, try the following solutions:

- **No Power:** Ensure the device is fully charged. Connect it to a power source using the Type-C cable.
- **Cannot Pair:** Make sure the device is in the correct TX or RX mode. Ensure your target Bluetooth device is in pairing mode and within range. Try turning both devices off and on again.
- **Audio Latency/Delay:** While Bluetooth 5.3 offers low latency, some devices or applications may still experience slight delays. Ensure there are no strong interference sources (e.g., Wi-Fi routers, other Bluetooth devices) nearby.
- **Static/Poor Audio Quality:** Check all cable connections. Ensure the audio source is clean and free of interference. Move the adapter closer to the connected Bluetooth device.
- **One-Touch Factory Reset:** Long-press the dedicated Reset button on the side of the adapter for 3 seconds. This will restore the device to its original factory settings and clear all previous pairings, often resolving connectivity problems.
- **Dual Connection Issues:** If struggling to connect a second device in TX mode, ensure you long-press the Reset button for 3 seconds *before* attempting to pair the second device.

10. SPECIFICATIONS

Model Number	J51
Bluetooth Version	5.3
Functionality	2-in-1 Transmitter & Receiver (TX/RX)
Connectivity	3.5mm Aux Audio Jack, Type-C Charging Port
Dual-Link Support	Yes (Connects two headphones simultaneously in TX mode)
Operating Range	Up to 10 meters (33 feet)
Battery Life	Up to 12 hours (continuous usage)
Item Weight	16 Grams (0.564 ounces)
Material	Plastic and Metal
Power Source	Battery Powered (1 Lithium Ion battery included)
Manufacturer	RIWUSI
Country of Origin	China

11. MAINTENANCE

To ensure the longevity and optimal performance of your RIWUSI Bluetooth adapter, follow these maintenance tips:

- Clean the device regularly with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- Store the device in a cool, dry place when not in use, away from direct sunlight and extreme temperatures.
- Protect the 3.5mm audio jack and Type-C charging port from dust and debris.
- Avoid excessive bending or pulling of the integrated audio cable.

12. OFFICIAL PRODUCT VIDEO

Watch the official product video for a visual guide on setting up and using your RIWUSI 2-in-1 Bluetooth Transmitter Receiver:

This video demonstrates the setup and functionality of the RIWUSI 2-in-1 Bluetooth Transmitter Receiver, showcasing its ease of use in both transmitting and receiving audio modes.

13. WARRANTY AND SUPPORT

RIWUSI products are designed for reliability and performance. For warranty information and customer support, please refer to the contact details provided on the product packaging or visit the official RIWUSI website. Our support team is available to assist you with any questions or concerns regarding your device.

