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› RIVERSONG Bluetooth 5.0 Receiver Transmitter 2-in-1 Wireless Aux Adapter User Manual

RIVERSONG 3332017002US

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Model: 3332017002US

1. INTRODUCTION

This manual provides detailed instructions for the RIVERSONG Bluetooth 5.0 Receiver Transmitter 2-in-1 Wireless Aux Adapter (Model: 3332017002US). This device allows you to add Bluetooth streaming capabilities to audio systems that lack them, enabling hands-free calling, GPS audio, and music streaming. Please read this manual thoroughly before using the product to ensure proper operation and to maximize its lifespan.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Bluetooth 5.0 Technology:** Ensures stable connection and efficient power consumption.
- **2-in-1 Functionality:** Acts as both a Bluetooth receiver and transmitter.
- **Wide Compatibility:** Converts standard 3.5mm audio systems into wireless systems.
- **Double Link:** Connects to two devices simultaneously, such as a tablet and smartphone.
- **Hands-Free Calling:** Integrated microphone for convenient call management.
- **Compact Design:** Small and portable for various applications.

2.2 Components

The RIVERSONG Bluetooth Adapter features a compact design with essential components for its operation.



Image 2.2.1: Diagram illustrating the components of the RIVERSONG Bluetooth Adapter, including the microphone (Mic), Multi-Function Button (MFB), Micro USB charging port, and physical dimensions (3.5mm jack, 1.2cm diameter, 5cm length).

- **3.5mm Audio Jack:** For connecting to audio input/output devices.
- **MFB (Multi-Function Button):** Used for power on/off, pairing, and call control.
- **Microphone (Mic):** For hands-free calling.
- **Micro USB Port:** For charging the device.
- **Indicator Light:** Displays device status (pairing, connected, charging).

3. SPECIFICATIONS

Feature	Specification
Bluetooth Version	V4.1 (A2DP, AVRCP)
S/N Ratio	92dB
Frequency Response	20 Hz - 22 kHz
Battery Life	Up to 5 hours

Feature	Specification
Charging Time	1.5 hours
Product Dimensions	2.56 x 0.51 x 0.51 inches (6.5 x 1.3 x 1.3 cm)
Item Weight	0.64 ounces (18.14 grams)
Connectivity Technology	Auxiliary, Bluetooth, USB
Power Source	Battery Powered (1 Lithium Polymer battery included)



Image 3.1: Visual representation of the internal ISSC V4.1 chip and key features such as stable connection, dual device connectivity, CVC 6.0 call noise reduction, and low power consumption.

4. SETUP

4.1 Charging the Device

Before initial use, fully charge the RIVERSONG Bluetooth Adapter.

1. Connect the provided USB charging cable to the Micro USB port on the adapter.
2. Connect the other end of the USB cable to a standard USB power source (e.g., computer USB port, USB wall adapter).
3. The indicator light will show charging status (typically red while charging, off or blue when fully charged).
4. A full charge takes approximately 1.5 hours and provides up to 5 hours of battery life.

4.2 Power On/Off

- **Power On:** Long press the MFB (Multi-Function Button) for approximately 3 seconds until the indicator light flashes.
- **Power Off:** Long press the MFB for approximately 3 seconds until the indicator light turns off.

5. OPERATING INSTRUCTIONS

5.1 Pairing with Your Device

The RIVERSONG Bluetooth Adapter must be paired and connected to your audio source device (e.g., smartphone, tablet) before use.

1. Ensure the adapter is powered off.
2. Long press the MFB for 6 seconds. The adapter will power on and enter pairing mode. The MFB indicator light will flash red and blue alternately.
3. On your audio source device, activate its Bluetooth function.
4. Search for Bluetooth devices and select "RS BT-Receiver" from the list.
5. If prompted for a password, enter "0000".
6. Once connected, the indicator light will flash blue slowly.

Important Note: The pairing mode lasts for 3 minutes. If pairing is not completed within this time, the adapter will exit pairing mode (indicator flashes blue slowly). To re-activate pairing mode, turn the adapter off and repeat the steps above. The adapter has a memory function and will automatically connect to the last paired device when powered on, provided the device's Bluetooth is active and within range.



Image 5.1.1: Depiction of the RIVERSONG Bluetooth Adapter facilitating wireless audio connection between a smartphone and headphones.

5.2 Connecting to Audio Systems

The adapter can be used with various audio systems that have a 3.5mm auxiliary input.



Image 5.2.1: The RIVERSONG Bluetooth Adapter shown in various applications: connected to a car's auxiliary input, a home stereo speaker, and a pair of wired headphones.

- **For Car Audio Systems:** Plug the 3.5mm jack of the adapter into your car's AUX input. Ensure your car stereo is set to AUX input mode.
- **For Home Stereo Systems/Speakers:** Plug the 3.5mm jack into the AUX input of your stereo receiver or powered speakers.
- **For Wired Headphones:** Plug your wired headphones into the 3.5mm jack of the adapter.



Image 5.2.2: The RIVERSONG Bluetooth Wireless Adapter shown plugged into a car's auxiliary input, demonstrating a typical installation for in-car audio streaming.



Image 5.2.3: Connectivity diagram showing the RIVERSONG Bluetooth Adapter as a central hub, wirelessly receiving audio from smartphones, tablets, or laptops, and outputting it via 3.5mm to headphones, home audio receivers, standalone speakers, or car auxiliary inputs.

5.3 Hands-Free Calling

When connected to your smartphone, the adapter allows for hands-free calling.

- **Answer/End Call:** Press the MFB once.
- **Reject Call:** Long press the MFB for approximately 2 seconds.
- **Redial Last Number:** Double-press the MFB.

6. MAINTENANCE

- Keep the device dry. Moisture can damage internal circuits.
- Do not expose the device to extreme temperatures.
- Avoid dropping or subjecting the device to strong impacts.
- Clean the device with a soft, dry cloth. Do not use harsh chemicals or detergents.

- Store the device in a cool, dry place when not in use for extended periods.

7. TROUBLESHOOTING

- **Device not powering on:** Ensure the device is fully charged. Connect it to a power source using the USB cable.
- **Cannot find "RS BT-Receiver" in Bluetooth device list:**
 - a. Ensure the adapter is in pairing mode (MFB indicator flashing red and blue). If not, turn it off and long press the MFB for 6 seconds.
 - b. Make sure you do not release the MFB within 3 seconds during the initial pairing attempt, as this may prevent it from entering full pairing mode.
 - c. Ensure the adapter is within range of your device (typically up to 10 meters).
 - d. Restart your audio source device's Bluetooth function.
- **No audio after connecting:**
 - a. Check the volume levels on both the adapter and your audio source device.
 - b. Ensure the audio system (car stereo, speakers) is set to the correct AUX input.
 - c. Verify the 3.5mm connection is secure.
- **Connection drops frequently:**
 - a. Ensure there are no significant obstacles between the adapter and your audio source device.
 - b. Move closer to the adapter to reduce interference.
 - c. Check for other strong wireless signals that might cause interference.

8. WARRANTY AND SUPPORT

RIVERSONG offers a One Year Warranty for this product. This includes unconditional refund or free replacement if the product is defective or experiences any quality problems. Lifetime friendly technical support is also provided.

To claim warranty or for technical support, please follow these steps:

1. Log in to your Amazon account.
2. Navigate to "Your Orders".
3. Find the order ID for your RIVERSONG Bluetooth Adapter.
4. Click on "Contact seller" to reach RIVERSONG customer support.

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