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LAICOMEIN BT-US-01

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Model: BT-US-01

INTRODUCTION

The LAICOMEIN V5.0 2-in-1 Wireless Adapter is a versatile device designed to enhance your audio experience by converting non-Bluetooth devices into Bluetooth-enabled ones. It functions as both a Bluetooth transmitter (TX mode) and a Bluetooth receiver (RX mode), allowing for seamless audio streaming and connectivity across various devices. In **TX mode**, you can transmit audio from non-Bluetooth sources like TVs, PCs, MP3 players, or airplane entertainment systems to your Bluetooth headphones, speakers, or soundbars. In **RX mode**, the adapter receives audio from your Bluetooth-enabled smartphone, tablet, or computer and plays it through wired speakers, headphones, or car stereos. This device supports simultaneous connection to two Bluetooth speakers or headphones in TX mode, and two Bluetooth-enabled smartphones or computers in RX mode, offering flexible audio sharing. Its compact design and long battery life make it ideal for both home and on-the-go use.

SETUP INSTRUCTIONS

Package Contents

Before you begin, ensure all items are present in the package:

- LAICOMEIN V5.0 2-in-1 Wireless Adapter
- Type-C Charging Cable
- 3.5mm Audio Cable
- 3.5mm to 2-Male RCA Cable
- 3.5mm Male to Male Connector

PRODUCT DIAGRAM



Figure 1: Product Diagram and Included Accessories

This image displays the LAICOMEIN V5.0 2-in-1 Wireless Adapter along with its various connection cables and adapters, including the Type-C charging cable, 3.5mm audio cable, 3.5mm to 2-male RCA cable, and a 3.5mm male-to-male connector. It also highlights the RX/TX switch, Bluetooth pairing button, LED indicator, built-in mic, AUX port, and multifunctional button for volume and track control.

Charging the Device

The adapter has a built-in 180mAh battery. For optimal performance, fully charge the device before first use. It takes

approximately 1.5 hours to fully charge. The device can also operate while charging.

10 Hours Working Time



Figure 2: Charging and Battery Life Overview

This image illustrates the charging capability and battery performance of the LAICOMEIN V5.0 adapter. It shows the device connected via its Type-C charging port, highlighting its 180mAh battery capacity, the ability to play while charging, and a fast charging time of 1.5 hours, providing up to 10 hours of working time.

TX Mode (Transmitter) Setup

1. Connect the adapter to the audio output port (e.g., 3.5mm AUX, RCA) of your non-Bluetooth device (TV, PC, MP3 player, airplane entertainment system) using the appropriate audio cable (3.5mm audio cable or 3.5mm to 2-Male RCA cable).
2. Slide the Bluetooth receive/transmit switch on the side of the product to the "TX" position. The product will enter transmit mode.
3. Press and hold the Multi-Function Button (MFB) for 3 seconds to turn on the adapter. The green indicator light will stay on for 1 second and then flash quickly, indicating it's in pairing state.
4. Turn on your Bluetooth headphones or Bluetooth speaker and set them to pairing mode. The adapter will automatically connect. Ensure the distance between the adapter and your Bluetooth audio device is within 3 feet for initial pairing.
5. Once connected, the green indicator light on the adapter will remain solid. You can now stream audio from your non-Bluetooth device to your Bluetooth audio device.

Bluetooth Transmitter

Connect two headphones simultaneously to share programs and audio



Figure 3: TX Mode Usage Example (TV)

This image demonstrates the LAICOMEIN V5.0 adapter in Transmitter (TX) mode, connected to a television. A person is shown wearing Bluetooth headphones, indicating that the audio from the TV is being wirelessly transmitted to their headphones, allowing for private listening.

RX Mode (Receiver) Setup

1. Connect the adapter to the audio input port (e.g., 3.5mm AUX, RCA) of your wired audio device (home amplifier, car

audio, stereo headphones) using the appropriate audio cable.

2. Slide the Bluetooth receive/transmit switch on the side of the product to the "RX" position. The product will enter receive mode.
3. Press and hold the MFB button for 3 seconds to turn on the adapter. The blue indicator light will stay on for 1 second and then flash quickly, indicating it's in pairing state.
4. On your mobile phone or other Bluetooth-enabled device, turn on Bluetooth and search for the device name "DWR21". Select it to connect.
5. Once connected, the blue indicator light on the adapter will remain solid. You can now enjoy music through your wired audio system and use your mobile phone for hands-free calling.

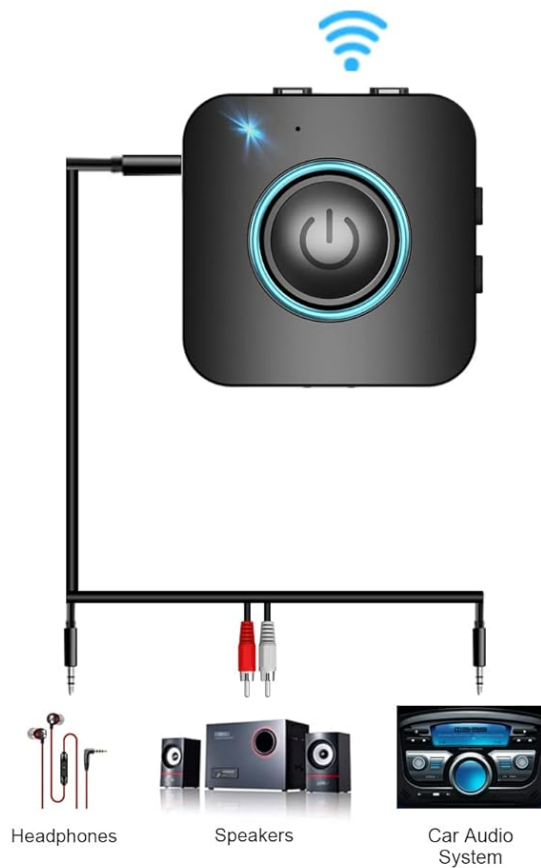


Figure 4: RX Mode Usage Example (Car)

This image illustrates the LAICOMEIN V5.0 adapter in Receiver (RX) mode, connected to a car's audio system. A smartphone is shown displaying a music application, indicating that audio is being wirelessly streamed from the phone to the car's speakers via the adapter, enabling hands-free calling and music playback.

2-in-1 Bluetooth Transmitter Receiver

Receiver Mode (RX)



Transmitter Mode (TX)



Figure 5: 2-in-1 Bluetooth Transmitter Receiver Modes

This diagram visually explains the dual functionality of the LAICOMEIN V5.0 Bluetooth adapter. On the left, it shows the Receiver (RX) mode, where the adapter connects to wired headphones, speakers, or car audio systems to receive Bluetooth signals from devices like phones, tablets, or laptops. On the right, it depicts the Transmitter (TX) mode, where the adapter connects to non-Bluetooth sources such as MP3/MP4 players, computers, TVs, or airplanes, and transmits audio to Bluetooth speakers, headphones, or soundbars.

OPERATING INSTRUCTIONS

Power On/Off

- To power on, press and hold the Multi-Function Button (MFB) for 3 seconds.
- To power off, press and hold the MFB button for 3 seconds.

Mode Switching

The device features a dedicated RX/TX switch on its side. Simply slide the switch to the desired mode (RX for Receiver, TX for Transmitter) before powering on or connecting.

Volume and Track Control

The adapter includes volume and track control buttons on its side:

- Press the '+' button to increase volume.
- Press the '-' button to decrease volume.
- Long press the '+' button for the next track.
- Long press the '-' button for the previous track.

Pairing Multiple Devices

- **In TX mode:** The transmitter can connect to two stereo Bluetooth speakers or two stereo Bluetooth headphones simultaneously. After connecting the first device, put the adapter back into pairing mode and connect the second device.
- **In RX mode:** The receiver can connect to two Bluetooth-enabled smartphones or computers at the same time. After connecting the first phone, enable Bluetooth on the second phone and connect to "DWR21".

MAINTENANCE

- Keep the device clean by wiping it with a soft, dry cloth.
- Avoid exposing the device to extreme temperatures, direct sunlight, or high humidity.
- Do not disassemble or attempt to repair the device yourself, as this will void the warranty.
- Store the device in a cool, dry place when not in use.

TROUBLESHOOTING

Problem	Possible Solution
Device does not power on.	Ensure the device is fully charged. Connect it to a power source using the Type-C charging cable.
Cannot pair with a Bluetooth device.	Make sure the adapter is in the correct TX/RX mode. Ensure both devices are in pairing mode and within 3 feet of each other. Turn off and on the Bluetooth function on both devices. Clear previous pairing records on your phone/device if necessary.
No sound or low volume.	Check if the audio cables are securely connected to the correct input/output ports. Adjust the volume on both the adapter and the connected audio device/source. Ensure the correct input source is selected on your audio system (e.g., AUX).
Audio delay/lag.	While the device is designed for high-fidelity audio, some latency may occur depending on the connected devices and environment. Ensure your receiving device (headphones/speaker) supports low-latency codecs if available.
Device disconnects frequently.	Ensure the devices are within the effective Bluetooth range. Minimize obstacles between the adapter and the connected device. Check for interference from other wireless devices.

SPECIFICATIONS

- **Model Number:** BT-US-01
- **Brand:** LAICOMEIN
- **Connectivity Technology:** USB (for charging)
- **Power Source:** Battery Powered (1 Lithium Ion battery included)
- **Battery Capacity:** 180mAh
- **Charging Time:** Approximately 1.5 hours
- **Working Time:** Up to 10 hours (TX mode), Up to 12 hours (RX mode)
- **Material:** Plastic
- **Item Weight:** 3.52 ounces
- **Package Dimensions:** 6.65 x 4.45 x 0.83 inches
- **Special Feature:** Bluetooth Receiver, Bluetooth Transmitter

SAFETY INFORMATION

For safe use of this device, please observe the following:

- Keep batteries away from children.
- Do not dispose of batteries in a fire.
- This device may cause interference with other wireless devices.
- Use the adapter only in normal temperature and humidity conditions.
- This product has low power consumption.

WARRANTY AND SUPPORT

LAICOMEIN is committed to providing high-quality products and customer satisfaction. If you encounter any issues or have questions regarding your LAICOMEIN V5.0 2-in-1 Wireless Adapter, please do not hesitate to contact our customer support team. We are here to help you.

For support, please refer to the contact information provided with your product packaging or visit the official LAICOMEIN website.