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> eppfun Bluetooth 5.2 Transmitter Receiver User Manual

eppfun B0DF2M6ZYJ

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Model: B0DF2M6ZYJ

PRODUCT OVERVIEW

The eppfun Bluetooth 5.2 Transmitter Receiver is a versatile audio adapter designed to enhance your audio experience. It functions as both a Bluetooth transmitter (TX) to send audio from non-Bluetooth devices to Bluetooth headphones/speakers, and a Bluetooth receiver (RX) to enable wired audio systems to receive Bluetooth audio from your smartphone or tablet. Featuring Bluetooth 5.2 technology and a Qualcomm chip, it supports various audio codecs including SBC, AAC, aptX, aptX-LL, aptX-HD, and aptX Adaptive, ensuring high-fidelity sound and low latency.



Image: The eppfun Bluetooth 5.2 Transmitter Receiver, shown in white, with its integrated 3.5mm audio jack and an included airplane audio adapter. The device features control buttons and LED indicators on its surface.

Key Features:

- **Bluetooth 5.2 with Qualcomm Chip:** Supports SBC, AAC, aptX, aptX-LL, aptX-HD, and aptX Adaptive for high-fidelity stereo sound.
- **Low Latency Mode:** aptX-LL support in TX mode ensures audio-visual synchronization, ideal for movies and gaming.
- **Dual Connection:** Connects two Bluetooth headphones/speakers simultaneously in TX mode, or two source devices in RX mode.
- **Long Battery Life:** Provides 20 hours or more of continuous playback on a full charge.
- **Visual Codec Display:** LED indicators show the active audio codec (SBC, AAC, aptX, LL, HD, AD) in both TX and RX modes.
- **Versatile Use:** Suitable for airplanes, TVs, gym equipment, car audio systems, computers, and home stereo systems.

Abundant Accessories Airplane Plug Available



1 RCA-3.5mm Port

2 A19 Transmitter&Receiver

3 Charging Cable

4 Airplane Audio Plug

5 3.5mm-3.5mm
Connector

Image: A detailed diagram of the eppfun Bluetooth Transmitter Receiver, highlighting its various components including the 3.5mm Stereo Cable, Microphone, LED Indicators (for A/B, SBC, AAC, APTX, LL, HD, RX, TX), Multi-Function Button, Volume Down/Previous Track Button, Volume Up/Next Track Button, Type C Charging Port, Charging LED, Pairing/Reset Button, and TX/RX OFF Switch Button.

Package Contents:

Enjoy Wireless HD Quality Audio in Flight

Upgrade your audio experience with your own headphone in the flight.

 Qualcomm® aptX
Low Latency



Image: The eppfun Bluetooth Transmitter Receiver package contents, including the main unit, a USB-C charging cable, a 3.5mm to RCA adapter, an airplane audio plug, and a 3.5mm to 3.5mm connector.

- eppfun Bluetooth Transmitter Receiver Unit
- USB-C Charging Cable
- 3.5mm to RCA Audio Cable
- Airplane Audio Plug Adapter
- 3.5mm to 3.5mm Audio Connector
- User Manual (this document)

SETUP AND OPERATION

1. Initial Setup and Charging

Before first use, fully charge the device. Connect the included USB-C charging cable to the Type C Charging Port on the

device and the other end to a USB power source (e.g., computer USB port, wall adapter). The Charging LED will indicate charging status. A full charge takes approximately 2 hours. The device can be used continuously for 20 hours or more on a full charge.

Your browser does not support the video tag.

Video: This video demonstrates the eppfun AK3040C Max Bluetooth Transmitter Receiver, showcasing its compact design, various ports, and LED indicators. It provides a visual overview of the device's physical features and how to connect the charging cable.

2. Selecting Operating Mode (TX/RX)

The eppfun device operates in two modes: Transmitter (TX) and Receiver (RX). Use the TX/RX OFF Switch Button on the side of the device to select the desired mode. Ensure the switch is set to the correct mode before connecting and pairing.



Image: This diagram illustrates the two primary modes of operation: Receiver Mode (RX) for upgrading wired audio systems (earphones, car audio, speakers) to wireless, and Transmitter Mode (TX) for wirelessly connecting non-Bluetooth devices (TV, airplane, gaming consoles) to Bluetooth headphones or speakers.

3. Transmitter Mode (TX)

In TX mode, the device transmits audio from a non-Bluetooth source (e.g., TV, airplane entertainment system, computer) to Bluetooth-enabled headphones or speakers.

1. Set the TX/RX OFF switch to "TX".
2. Connect the device's 3.5mm audio jack to the audio output port of your source device (e.g., headphone jack on a TV, airplane seat, or computer). Use the appropriate adapter if necessary (e.g., airplane audio plug).
3. Put your Bluetooth headphones or speakers into pairing mode.
4. The eppfun device will automatically search for and connect to nearby Bluetooth devices. The LED indicators will show pairing status and the active audio codec.
5. For dual connection, after the first device is paired, put the second Bluetooth headphone/speaker into pairing mode. The eppfun device will attempt to connect to the second device.

Dual Connection without Disturbing Others

Connect two wireless headphones in the same time for TV. Share the joyful time with loves.

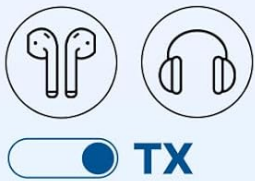


Image: A user enjoying wireless audio on an airplane by connecting the eppfun Bluetooth Transmitter Receiver to the in-flight entertainment system and pairing it with their personal wireless headphones.

Soft & Reliable Partner for Your Driving

Support dual connection for hands-free calling, music playback and auto navigation.

 Qualcomm® aptX

 RX



Image: Two individuals are shown sharing audio from a television using the eppfun Bluetooth Transmitter Receiver, which is connected to two separate pairs of wireless headphones, allowing for shared listening without disturbing others.

Product Diagram

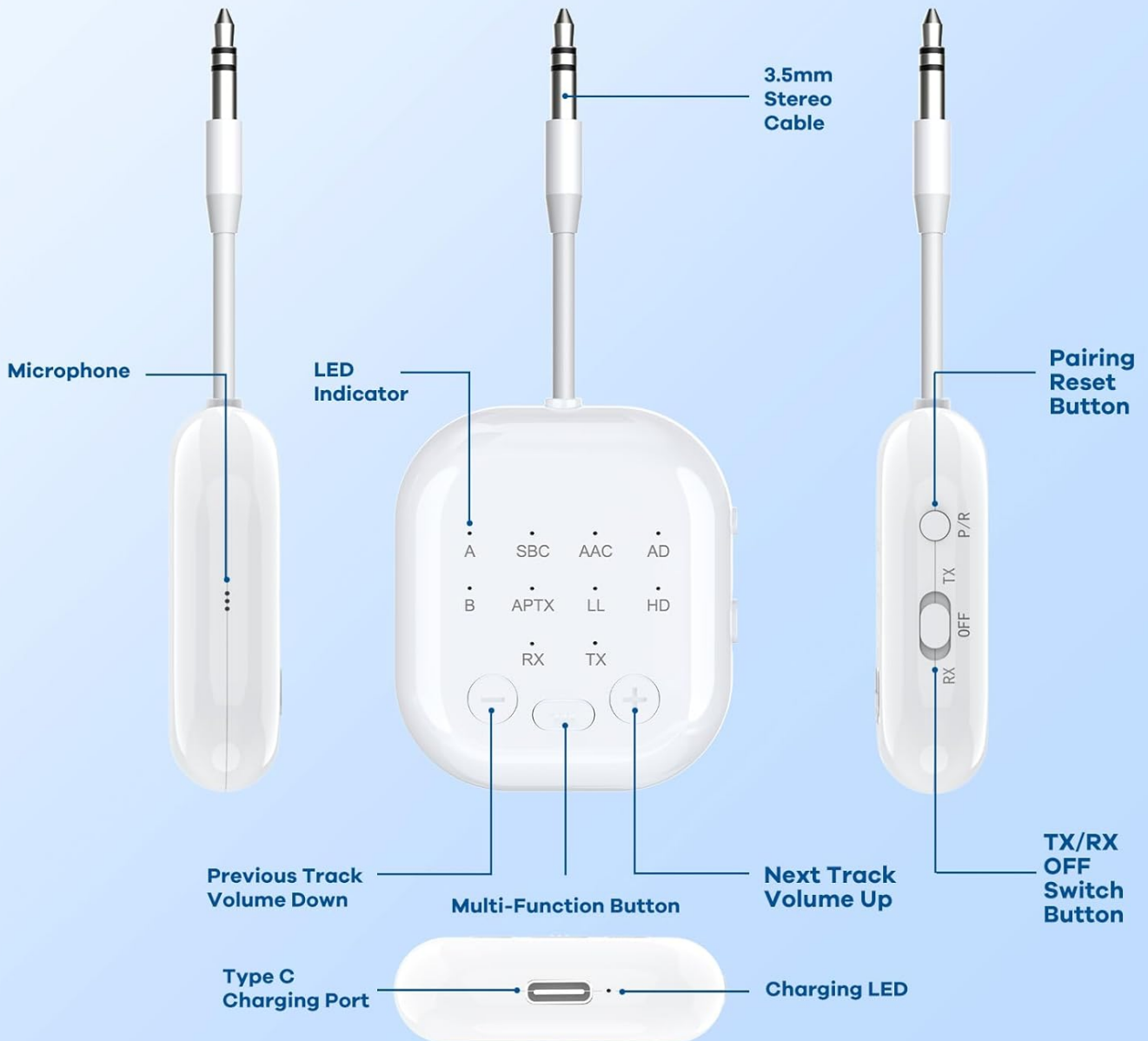


Image: The eppfun Bluetooth Transmitter Receiver is connected to a laptop via its 3.5mm audio jack and a USB-C cable, demonstrating its ability to transmit PC audio wirelessly to Bluetooth headphones or speakers.


4. Receiver Mode (RX)

In RX mode, the device receives Bluetooth audio from your smartphone, tablet, or other Bluetooth-enabled device and outputs it to a wired audio system (e.g., car stereo, wired headphones, home speakers).

1. Set the TX/RX OFF switch to "RX".
2. Connect the device's 3.5mm audio jack to the audio input port of your wired audio system (e.g., AUX-in jack in a car, input on a speaker). Use the 3.5mm to RCA cable if connecting to an RCA input.
3. On your smartphone or tablet, enable Bluetooth and search for "eppfun AK3040C Max" (or similar name) in the list of available devices.
4. Select the device to pair. Once connected, audio from your source device will play through your wired audio system.

Connect Bluetooth Audio Devices to Your Computer

Connect the unit and your PC by the attached Type C cable to transmit PC audio to your wireless devices.

 Qualcomm® aptX
Low Latency



 TX



Image: The eppfun Bluetooth Receiver is shown in a car, connected to the vehicle's audio system, enabling wireless music playback, hands-free calling, and navigation audio from a smartphone.

5. Controls and Indicators

- **Multi-Function Button:** Press and hold to power on/off. Short press for play/pause, answer/end calls.
- **Volume Buttons (+/-):** Short press to adjust volume. Long press to skip tracks (Next/Previous).
- **P/R (Pairing/Reset) Button:** Press to enter pairing mode or reset connections.
- **LED Indicators:** Display current operating mode (RX/TX), connection status, and active audio codec (SBC, AAC, APTX, LL, HD, AD). Refer to the product diagram for specific indicator locations.

MAINTENANCE

To ensure the longevity and optimal performance of your eppfun Bluetooth Transmitter Receiver, follow these maintenance guidelines:

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:**
 - Avoid fully discharging the battery frequently.
 - Charge the device regularly, even if not in use, to maintain battery health.
 - Keep the battery away from excessive heat and moisture.
 - Do not short-circuit the battery.
 - Dispose of the battery according to local regulations.
- **Handling:** Avoid dropping the device or subjecting it to strong impacts.

TROUBLESHOOTING

If you encounter issues with your eppfun Bluetooth Transmitter Receiver, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not power on.	Low battery.	Charge the device fully using the provided USB-C cable.
Cannot pair with a Bluetooth device.	Incorrect mode selected (TX/RX), device not in pairing mode, or too far apart.	<p>Ensure the TX/RX switch is in the correct position.</p> <p>Press the P/R button to enter pairing mode (LED will flash).</p> <p>Ensure your target Bluetooth device is also in pairing mode.</p> <p>Place devices within 1 meter (3 feet) during pairing.</p> <p>Turn the transmitter off and back on, then re-enter pairing mode.</p>
Audio quality is poor or intermittent.	Interference, distance, or non-optimal codec.	<p>Reduce the distance between the eppfun device and the connected Bluetooth device.</p> <p>Minimize obstacles (walls, large metal objects) between devices.</p> <p>Ensure no other strong wireless signals are causing interference.</p> <p>Check if your audio source and receiving device both support aptX-LL for best low latency performance.</p>
No sound.	Incorrect cable connection, volume too low, or device not paired.	<p>Verify all audio cables are securely connected to the correct input/output ports.</p> <p>Increase the volume on both the eppfun device and the connected audio device/source.</p> <p>Confirm successful pairing via LED indicators.</p>
Device stopped working after some time.	Hardware malfunction or severe battery degradation.	If troubleshooting steps do not resolve the issue, please contact eppfun customer support for assistance.

SPECIFICATIONS

Feature	Detail
Model	B0DF2M6ZYJ
Bluetooth Version	5.2
Supported Codecs	SBC, AAC, aptX, aptX-LL, aptX-HD, aptX Adaptive
Operating Modes	Transmitter (TX), Receiver (RX)
Battery Type	1 Lithium Ion battery (included)
Charging Time	Approximately 2 hours
Playback Time	20 hours or more
Connectivity	Bluetooth, 3.5mm Audio Jack, USB-C (charging)
Dimensions	5.51 x 4.53 x 0.71 inches (Package Dimensions)
Item Weight	3.17 ounces
Manufacturer	shenzhen Innotide Technology Co.,Ltd.
Country of Origin	China

SAFETY INFORMATION

Please read and adhere to the following safety information for safe operation of the device:

- **Battery Handling:** Keep the battery away from excessive heat and moisture. Do not short-circuit. Dispose of the battery according to local regulations.
- **Interference Warning:** This device may interfere with other wireless devices. Follow instructions to minimize interference. Always follow local regulations regarding wireless device usage.
- **Operating Environment:** Do not expose the device to extreme temperatures, direct sunlight, or corrosive environments.
- **Disassembly:** Do not attempt to disassemble, repair, or modify the device yourself. This may void the warranty and pose safety risks.

WARRANTY INFORMATION

eppfun products are typically covered by a limited warranty. For specific warranty terms, conditions, and duration, please refer to the warranty card included with your purchase or visit the official eppfun website. Please retain your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding your eppfun Bluetooth Transmitter Receiver, please contact eppfun customer service. You can often find contact information on the product packaging, the official eppfun

website, or through the seller's store page on Amazon.

Visit the official eppfun Store on Amazon:[eppfun Store](#)

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