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Beeitzie B101

Beeitzie B101 Bluetooth Transmitter Receiver User Manual

Model: B101 | Brand: Beeitzie

1. OVERVIEW

The Beeitzie B101 is a versatile 2-in-1 Bluetooth 5.3 Transmitter and Receiver, designed to provide high-fidelity wireless audio. Equipped with a Qualcomm chip, it supports a wide range of audio coding protocols including SBC, AAC, aptX, aptX-LL, and aptX-HD, ensuring superior sound quality comparable to CD-level standards. Its dual-link capability allows simultaneous connection to two Bluetooth devices, making it ideal for sharing audio experiences.

This compact and lightweight device offers exceptional battery life, running for over 24 hours on a single charge. It features a built-in microphone with Qualcomm CVC 8.0 for clear voice capture, eliminating echo and environmental noise during calls. The B101 is perfect for converting non-Bluetooth devices like TVs, PCs, and gym equipment into wireless audio sources, or for streaming audio from your smartphone to wired speakers or car stereos.



Image: The Beeitzie B101 Bluetooth Transmitter Receiver in black, showcasing its compact design and 3.5mm audio jack.

Video: An overview of the Beeitzie B101 2-in-1 Bluetooth Transmitter Receiver, highlighting its key features and versatility.

2. PACKAGE CONTENTS

- 1 x Beeitzie B101 Bluetooth Receiver Transmitter Device
- 1 x USB Type-C Charging Cable
- 1 x 3.5mm AUX Audio Cable
- 1 x 3.5mm Audio Female Plug
- 1 x RCA Audio Cable
- 1 x Lanyard
- 1 x User Manual

3. PRODUCT DIAGRAM



Image: Detailed diagram of the Beeitzie B101, labeling its components including the 3.5mm AUX Cable, MFB Button, LED Indicator, TX/RX Switch, Reset/Pairing Button, Built-in Mic, Lanyard Holes, and Type-C Charging Port.

4. OPERATING MODES

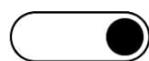
The Beeitzie B101 operates in two primary modes: Transmitter (TX) and Receiver (RX). A physical switch on the device allows you to easily toggle between these modes.

4.1. Transmitter (TX) Mode

In TX mode, the B101 converts audio from non-Bluetooth devices (e.g., TVs, PCs, MP3 players, gym equipment, in-flight entertainment systems) into a Bluetooth signal, allowing you to stream audio wirelessly to Bluetooth headphones or speakers. This mode supports connecting up to two Bluetooth headphones simultaneously for shared listening.

Transmitter Mode

Moderize your non-Bluetooth
TV,PC,MP3

 TX



Gaming



Airplane



TV



Bluetooth
Earbuds



Bluetooth
Speakers/Soundbar



Bluetooth
Headphones

Receiver Mode

Update your home stereosystem to wireless
streaming

 RX



Wired
Earphones



Car
Stereo



Wired
Speakers



Tablet



Cell Phone

Image: Visual representation of the Beeitzie B101 in Transmitter (TX) mode, showing connections to gaming consoles, airplanes, and TVs, transmitting audio to Bluetooth earbuds, speakers, and headphones.



Image: A couple sharing audio from a tablet to two separate Bluetooth headphones using the dual-link feature in TX mode.

4.2. Receiver (RX) Mode

In RX mode, the B101 receives Bluetooth audio signals from your smartphone, tablet, or computer, and outputs them to wired audio devices such as car stereos, home stereo systems, or wired headphones. This allows you to wirelessly stream music to your traditional audio equipment.

Transmitter Mode

Moderize your non-Bluetooth TV,PC,MP3



Gaming



Airplane



TV



Bluetooth Earbuds



Bluetooth Speakers/Soundbar



Bluetooth Headphones

Receiver Mode

Update your home stereosystem to wireless streaming



Wired Earphones



Car Stereo



Wired Speakers



Tablet



Cell Phone

Image: Visual representation of the Beeitzie B101 in Receiver (RX) mode, showing connections from tablets and cell phones, transmitting audio to wired earphones, car stereos, and wired speakers.

5. SETUP AND PAIRING

5.1. Connecting to TV (TX Mode)

To connect the B101 to your TV and transmit audio to Bluetooth headphones:

1. Set the B101 to "TX" mode using the switch.
2. Double-click the "P/R" button on the B101 to enter pairing mode. The "TX" indicator light will flash rapidly.
3. Open your Bluetooth headphones or speaker and set it to Bluetooth pairing mode.
4. Once the "TX" and "A" indicator lights on the B101 are simultaneously lit, pairing is successful.
5. Insert the 3.5mm audio cable from the B101 into the TV's audio output jack. If your TV lacks a 3.5mm audio output jack, use the included RCA audio cable (red and white connectors) from the packaging, connecting it to

the TV's RCA audio output ports and then to the 3.5mm female plug, which connects to the B101.

Video: Step-by-step guide on how to connect the Beeitzie B101 to your TV using the Bluetooth transmitter function.



Image: The Beeitzie B101 connected to an in-flight entertainment system, enabling wireless audio for AirPods or other Bluetooth headphones.

5.2. Pairing with a Second Bluetooth Headphone (TX Mode)

After successfully pairing the first Bluetooth headset:

1. Turn on the second Bluetooth headset or speaker and put it into Bluetooth pairing mode.
2. Double-click the "P/R" button on the B101. The "TX" light will flash rapidly, indicating that the B101 is in pairing mode again.
3. When the "A" and "B" lights on the B101 are simultaneously lit, the pairing is successful.

Video: Instructions on how to pair a second Bluetooth headphone with the Beeitzie B101 in TX mode.

5.3. Pairing with a Smartphone (RX Mode)

To pair the B101 with your smartphone in RX mode:

1. Set the B101 to "RX" mode using the switch.
2. Double-click the "P/R" button on the B101 to enter pairing mode. The "RX" indicator light will flash rapidly.
3. Enable Bluetooth on your cell phone.
4. Locate and select "B101" from the Bluetooth device list on your phone and click to establish a connection.
5. When the "RX" and "A" lights on the B101 are illuminated, it indicates a successful connection.

Video: Detailed steps on how to pair the Beeitzie B101 with your smartphone in Receiver (RX) mode.

6. VOICE ASSISTANT ACTIVATION (RX MODE)

To activate the voice assistant feature in RX mode:

1. Ensure the B101 is in RX mode and connected to your smartphone.
2. Press and hold the "MFB" button (the middle button on the control panel) for 2 seconds.
3. Your smartphone's voice assistant (e.g., Siri, Google Assistant) should activate.

Video: Quick demonstration on how to activate the voice assistant feature on the Beeitzie B101 in RX mode.

7. RESETTING THE DEVICE

If you encounter connection issues or wish to clear all historical pairing data, you can reset the B101 to its factory settings:

1. Ensure the device is powered on.
2. Press and hold the "P/R" button for 8 seconds.
3. All LED lights will illuminate simultaneously, indicating a successful reset.

Video: Instructions on how to perform a factory reset on the Beeitzie B101.

8. TROUBLESHOOTING

- **General Connection Issues:** Most issues can be resolved by powering the device off and then back on. If problems persist, perform a factory reset by long-pressing the P/R button for 8 seconds.
- **Audio Delay (aptX-LL):** If you experience significant audio delays in TX mode, ensure that both the B101 and your receiving device (headphones/speakers) support aptX-LL low-latency decoding technology.
- **Inconsistent Pairing:** If the device struggles to pair consistently, try resetting the B101 as described in Section 7.
- **Auto Shut-off:** The device may have an auto shut-off feature to conserve battery. Manually power on the device for each new listening session if it turns off unexpectedly.

9. SPECIFICATIONS

Product Dimensions	4.53 x 1.38 x 0.59 inches
Item Weight	0.705 ounces
Item Model Number	B101
Batteries	1 Lithium Ion batteries required (included)
Connectivity Technology	Bluetooth
Power Source	Battery Powered
Material	Plastic

10. WARRANTY AND SUPPORT

Beeitzie products are manufactured to high-quality standards. For any product-related inquiries, technical support, or warranty claims, please contact our customer service team.

Email: support@beeitzie.com

Please refer to the original packaging or our official website for the most up-to-date warranty information.