Beeitzie B101

Beeitzie B101 Pro Bluetooth Transmitter Receiver User Manual

Model: B101

Brand: Beeitzie

INTRODUCTION

The Beeitzie B101 Pro is a versatile 2-in-1 Bluetooth 5.4 Transmitter and Receiver designed to enhance your audio experience across various devices. In Transmitter (TX) mode, it allows you to wirelessly stream audio from non-Bluetooth sources like TVs, PCs, and airplane entertainment systems to your Bluetooth headphones or speakers. In Receiver (RX) mode, it transforms your wired speakers, car stereos, or home stereos into Bluetooth-enabled systems, allowing wireless audio streaming from your smartphone or tablet.

Equipped with a Qualcomm Chip and supporting aptX-Adaptive and aptX-Low Latency, the B101 Pro ensures high-quality audio transmission with minimal delay. Its compact design and long battery life make it an ideal companion for travel and home use.

Image: The Beeitzie B101 Pro Bluetooth Transmitter Receiver, shown with its included dual 3.5mm airplane adapter.

PRODUCT DIAGRAM

Familiarize yourself with the various components and controls of your Beeitzie B101 Pro device.

Product Diagram

3.5mm
AUX Cable

Next Song/
Volume up

Reset Button/
Pairing Button

SBC
B
AAC
A
AD
RX
HD
TX
LL
APTX

MFB Button

Bult-in
Mic

RX
OFF
TX

Lanyard
Holes

LED Indicator

Previous Song/
Volume Down

Charging Indicator

TX / Power Off / RX Switch

Type-C
Charging Port

Model No.B101
Battery:300mAh/3.7V
Made in China
Input:5V=500mA
HVN:B101
IC3107B-B101

Beeitzie Model No : B101 Wireless Audio Receiver/Transmitter User Manual Support email: support@beeitzie.com		3.5mm Audio Female Plug	RCA Audio Cable	Dual 3.5mm Male to Female Adapter	
User Manual	Charging Cable	3.5mm Audio Female Plug	RCA Audio Cable	Dual 3.5mm Male to Female Adapter	Lanyard

Image: A detailed diagram illustrating the various buttons, ports, and LED indicators on the Beeitzie B101 Pro, including the Reset Button, P/R (Pairing/Reset) Button, TX/RX Switch, LED Indicators (APTX, LL, HD, AD, AAC, SBC, A, B, TX, RX), MFB Button, Volume Up/Next Song, Volume Down/Previous Song, Built-in Mic, Lanyard Holes, Charging Indicator, and Type-C Charging Port.

WHAT'S IN THE BOX

Your Beeitzie B101 Pro package includes the following items:

- Beeitzie B101 Pro Bluetooth Transmitter Receiver
- RCA Audio Cable
- 3.5mm Audio Female Plug
- Dual 3.5mm Male to Female Adapter (for aircraft)
- Type-C Charging Cable
- User Manual
- Lanyard

SPECIFICATIONS

Feature	Detail
Model Number	B101
Bluetooth Version	5.4
Chipset	Qualcomm Chip
Audio Codecs Supported	aptX-Adaptive, aptX-Low Latency, aptX, AAC, SBC
Battery Type	1 Lithium Ion battery (included)
Charging Time	Approximately 2 hours
Operating Time	Over 24 hours on a full charge
Connectivity Technology	RCA, Bluetooth, Auxiliary
Item Weight	3.17 ounces
Dimensions	5.43 x 4.61 x 0.63 inches

SETUP

1. Charging the Device

Before first use, fully charge your Beeitzie B101 Pro. Connect the provided Type-C charging cable to the charging port on the device and plug the other end into a USB power source (e.g., computer USB port, USB wall adapter). The charging indicator light will show charging status and turn off when fully charged. A full charge takes approximately 2 hours and provides over 24 hours of use.

2. Powering On/Off

- **Power On:** Slide the TX/RX switch to either the "TX" or "RX" position. The device will power on and the LED indicators will light up.
- **Power Off:** Slide the TX/RX switch to the "OFF" position. The device will power off.

3. Mode Selection (TX/RX)

The Beeitzie B101 Pro operates in two modes: Transmitter (TX) and Receiver (RX). Select the desired mode using the TX/RX switch on the side of the device.

Transmitter Mode
Moderize your non-Bluetooth TV,PC,MP3

TX

Gaming   Airplane   TV

Receiver Mode
Update your home stereosystem to wireless streaming

RX

Wired Earphones   Car Stereo   Wired Speakers

Bluetooth Earbuds   Bluetooth Speakers/Soundbar   Bluetooth Headphones

Tablet   Cell Phone

Image: A visual guide demonstrating the setup for Transmitter Mode (TX) to connect non-Bluetooth devices like TVs, PCs, airplanes, and gaming consoles to Bluetooth headphones/speakers, and Receiver Mode (RX) to connect smartphones/tablets to wired earphones, car stereos, or wired speakers.

OPERATING INSTRUCTIONS

Transmitter (TX) Mode

In TX mode, the B101 Pro transmits audio from a non-Bluetooth source to your Bluetooth headphones or speakers.
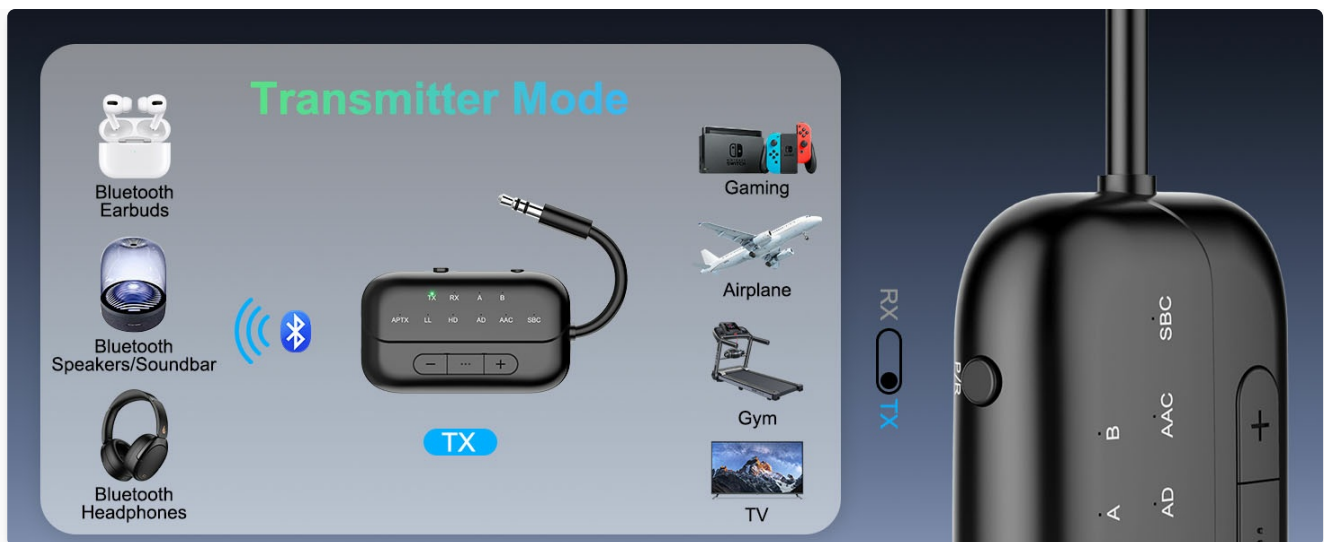
Image: An illustration of the Beeitzie B101 Pro in Transmitter (TX) mode, connecting to devices such as gaming consoles, airplane entertainment systems, gym equipment, and televisions, and transmitting audio to Bluetooth earbuds, speakers, or headphones.

Single Device Pairing (TX Mode)

1. Slide the TX/RX switch to the "TX" position. The "TX" light will flash rapidly, indicating it's in pairing mode.
2. Put your Bluetooth headphones/earbuds into pairing mode. For AirPods, open the lid and hold the button on the back of the case for 5 seconds.
3. Place the B101 Pro close to your headphones/earbuds. They should automatically connect. The "TX" light will become solid, and the "A" indicator will light up, indicating a successful connection.
4. Connect the B101 Pro to your audio source (e.g., TV, PC, airplane entertainment system) using the appropriate 3.5mm AUX cable or RCA cable.
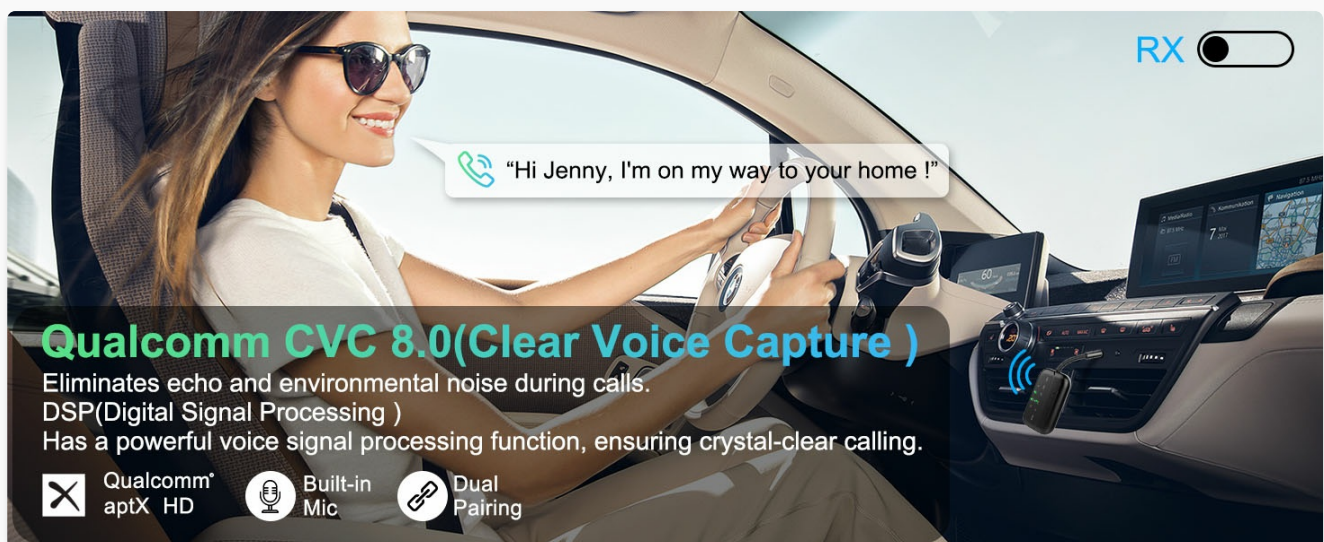

Image: Step-by-step visual instructions for the first pairing in TX mode, showing how to put AirPods into pairing mode and connect them to the B101 Pro, followed by connecting the B101 Pro to an audio output device.

Dual Device Pairing (TX Mode)

The B101 Pro supports connecting two Bluetooth headphones/earbuds simultaneously for shared listening.

1. Ensure your first device is already paired and connected (as per "Single Device Pairing"). The "A" indicator should be lit.
2. Double-click the "P/R" button on the B101 Pro. The "TX" light will flash rapidly again.
3. Put your second Bluetooth headphones/earbuds into pairing mode.

4. Once connected, the "B" indicator will light up, confirming both devices are paired.

Image: A person using the Beeitzie B101 Pro to connect two pairs of headphones to an airplane's entertainment system, demonstrating the dual connection feature.

Image: Visual instructions for dual pairing in TX mode, showing how to pair a second headset after the first one is connected, by double-clicking the P/R button.

Using with Airplane Entertainment Systems

The B101 Pro includes a dual 3.5mm AUX adapter for compatibility with various airplane audio interfaces. Simply plug the adapter into the airplane's audio jack, then connect the B101 Pro to the adapter.

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Video: Demonstrates how to use the Beeitzie B101 Pro as a Bluetooth connector for airplane entertainment systems, allowing wireless audio with your personal headphones.

Receiver (RX) Mode

In RX mode, the B101 Pro receives audio from your Bluetooth-enabled device (e.g., smartphone, tablet) and outputs it to a wired audio system.

Image: An illustration of the Beeitzie B101 Pro in Receiver (RX) mode, connecting to wired earphones, car stereos, or wired speakers, and receiving audio wirelessly from a tablet, cell phone, or computer.

Single Device Pairing (RX Mode)

1. Slide the TX/RX switch to the "RX" position. The "RX" light will flash rapidly, indicating it's in pairing mode.

2. On your smartphone or tablet, go to Bluetooth settings and search for "B101 Pro".

3. Select "B101 Pro" to connect. The "RX" light will become solid, and the "A" indicator will light up, indicating a successful connection.

4. Connect the B101 Pro to your wired speakers, car stereo, or home stereo using the 3.5mm AUX cable.

Image: Step-by-step visual instructions for the first pairing in RX mode, showing how to set the B101 Pro to RX, find it in a smartphone's Bluetooth settings, and connect it to an audio input device.

Dual Device Pairing (RX Mode)

You can connect two smartphones or tablets to the B101 Pro in RX mode.

1. Ensure your first device is already paired and connected. The "A" indicator should be lit.
2. Double-click the "P/R" button on the B101 Pro. The "RX" light will flash rapidly again.
3. On your second smartphone or tablet, search for "B101 Pro" in Bluetooth settings and connect.
4. Once connected, the "B" indicator will light up, confirming both devices are paired.

Image: Visual instructions for dual pairing in RX mode, showing how to pair a second smartphone after the first one is connected, by double-clicking the P/R button.

Volume Control

Use the '+' and '-' buttons on the B101 Pro to adjust the volume. A short press adjusts volume, while a long press may skip tracks depending on the mode and connected device.

Resetting the Device

If you experience reconnection or compatibility issues, you can reset the device. Long-press the "P/R" button for 8 seconds to reset pairing and clear all historical data.

MAINTENANCE

- Keep the device dry. Moisture can damage internal circuits.
- Do not expose the device to extreme temperatures.
- Clean the device with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- Store the device in a cool, dry place when not in use.

TROUBLESHOOTING

Problem	Possible Solution
Device won't power on.	Ensure the battery is charged. Connect to a power source using the Type-C cable.
Cannot pair with a device.	- Ensure the B101 Pro is in the correct TX/RX mode. - Make sure your target device (headphones, phone) is in pairing mode. - Long-press the "P/R" button for 8 seconds to reset the B101 Pro and clear previous pairings. - Turn off other nearby Bluetooth devices that might interfere. - For AirPods, ensure they are inside their case when attempting to pair.
Low-quality audio or static.	- Verify the audio source quality. - Ensure your device is compatible with Bluetooth 5.4 and aptX codecs for optimal performance. - Reduce the distance between the B101 Pro and the connected device. - Check for physical obstructions or interference from other wireless devices.
Audio delay (latency).	- Ensure both the B101 Pro and your connected headphones/speakers support aptX-Low Latency or aptX-Adaptive. - A slight delay (around 200ms) may occur when using dual connections.

SAFETY INFORMATION

This product meets global quality standards, certified by FCC, CE, RoHS, BQB, and others. It ensures safety with features such as voltage endurance, overcurrent, short circuit, and NTC overheat protection. Always follow local regulations for disposal.

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the contact details provided in the packaging or visit the official Beeitzie website. Keep your purchase receipt for warranty claims.