

BlitzMax LE505

BlitzMax LE505 Bluetooth 5.3 Transmitter Receiver 2-in-1 User Manual

Model: LE505

1. INTRODUCTION

The BlitzMax LE505 is a versatile 2-in-1 Bluetooth 5.3 adapter designed to enhance your audio experience. It functions as both a Bluetooth transmitter (TX mode) and a Bluetooth receiver (RX mode), allowing you to add wireless audio capabilities to a wide range of devices. This manual provides detailed instructions for setup, operation, and troubleshooting to ensure optimal performance.

2. PRODUCT OVERVIEW

2.1 Package Contents

- BlitzMax LE505 Bluetooth Adapter
- USB-C Charging Cable
- 3.5mm Audio Cable
- Storage Pouch
- User Manual



Image: The BlitzMax LE505 Bluetooth adapter shown with its included accessories: a USB-C charging cable, a 3.5mm audio cable, and a small grey storage pouch.

2.2 Device Layout

RX Mode

Shocking sound quality, professional sound effects, music and happiness fill every corner



Image: A detailed diagram labeling the various ports and buttons on the BlitzMax LE505 adapter.

1. **Power/Mode Switch (RX/OFF/TX):** Used to turn the device on/off and select between Receiver (RX) and Transmitter (TX) modes.
2. **3.5mm Audio Interface:** Serves as both audio input (in TX mode) and audio output (in RX mode).
3. **Type-C Charging Interface (USB DC5V):** For charging the device.
4. **Audio Encoding Light:** Indicates the audio codec in use.
5. **Charging Indicator Light:** Shows charging status.
6. **A Bluetooth Status Light:** Indicates pairing status for device A.
7. **B Bluetooth Status Light:** Indicates pairing status for device B.
8. **A Pairing Button:** Initiates pairing for the first Bluetooth device.
9. **B Pairing Button:** Initiates pairing for the second Bluetooth device (for dual link).

2.3 Key Features

- **Bluetooth 5.3 Technology:** Provides stable and fast connections with a range of up to 33 feet (10 meters).
- **2-in-1 Functionality:** Easily switch between Transmitter (TX) and Receiver (RX) modes.
- **aptX Low Latency Support:** Ensures synchronized audio and video in TX mode (requires compatible

headphones/speakers; not supported in RX mode).

- **Dual Link Function:** Connects two Bluetooth headphones or speakers simultaneously in TX mode.
- **Long Battery Life:** Up to 20 hours in RX mode and 12 hours in TX mode. Supports simultaneous charging and use.
- **Wide Compatibility:** Works with TVs, PCs, CD players, iPods, laptops, tablets, smartphones, wired headphones, and car stereos.
- **Compact and Portable Design:** Measures approximately 2.2 x 1.4 x 0.5 inches and weighs 2.89 ounces.



Image: An illustration highlighting the advanced Bluetooth 5.3 chip, emphasizing stable connection, CD-quality sound, and fast transmission.

3. SETUP

3.1 Charging the Device

Before first use, fully charge the BlitzMax LE505 adapter. Use the provided USB-C charging cable to connect the device to a USB power source (e.g., computer USB port, USB wall adapter). The charging indicator light will illuminate during charging and turn off when fully charged. A full charge typically takes approximately 2

hours.



Image: A visual representation of the 250mAh battery, showing 2 hours for a full charge, 20 hours of use in RX mode, and 12 hours in TX mode.

3.2 Selecting Operating Mode (TX/RX)

The BlitzMax LE505 features a physical switch to select its operating mode:

- Slide the switch to '**TX**' for Transmitter Mode.
- Slide the switch to '**RX**' for Receiver Mode.
- Slide the switch to '**OFF**' to power off the device.

4. OPERATING INSTRUCTIONS

4.1 Transmitter (TX) Mode

In TX mode, the LE505 transmits audio from a non-Bluetooth device (e.g., TV, PC, MP3 player) to Bluetooth headphones or speakers.

Transmitter Mode (TX)

Transform a non-bluetooth device into Bluetooth transmitter



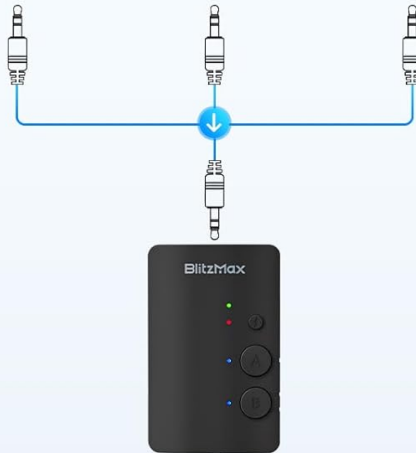
TV



PC/Computer



MP3/MP4



Bluetooth Headphones



Bluetooth Speaker

Receiver Mode (RX)

Add Bluetooth functionality to your non-bluetooth device



Phone



Tablet



Bluetooth Laptop



Wired headphones



Wired speakers



Car stereo

Image: A diagram illustrating how to connect the adapter in both Transmitter (TX) and Receiver (RX) modes to various audio devices.

1. Slide the mode switch to '**TX**'.
2. Connect the 3.5mm audio cable from the LE505's 3.5mm interface to the audio output port (e.g., headphone jack) of your non-Bluetooth device (TV, PC, MP3/MP4 player).
3. Turn on your Bluetooth headphones or speaker and set them to pairing mode.
4. Press the '**A**' pairing button on the LE505. The '**A**' Bluetooth status light will flash, indicating it is searching for devices.
5. Once paired, the '**A**' Bluetooth status light will remain solid. Audio from your non-Bluetooth device will now play through your Bluetooth headphones/speaker.

TX Mode

An audio-visual feast in flight, enjoy wireless fun in the cloud.



Image: A person on an airplane using the BlitzMax LE505 in TX mode, connected to the in-flight entertainment system and transmitting audio to wireless headphones.

Dual Link Function (TX Mode)

To connect a second pair of Bluetooth headphones or speaker:

1. Ensure the first device is already paired (as per steps 1-5 above).
2. Turn on the second Bluetooth headphones or speaker and set them to pairing mode.
3. Press the 'B' pairing button on the LE505. The 'B' Bluetooth status light will flash.
4. Once paired, the 'B' Bluetooth status light will remain solid. Both devices will now receive audio.

4.2 Receiver (RX) Mode

In RX mode, the LE505 receives audio from a Bluetooth-enabled device (e.g., smartphone, tablet) and outputs it to a non-Bluetooth audio system (e.g., wired headphones, car stereo, home speaker system).

Transmitter Mode (TX)

Transform a non-bluetooth device into Bluetooth transmitter



Receiver Mode (RX)

Add Bluetooth functionality to your non-bluetooth device



Image: A diagram illustrating how to connect the adapter in both Transmitter (TX) and Receiver (RX) modes to various audio devices.

1. Slide the mode switch to '**RX**'.
2. Connect the 3.5mm audio cable from the LE505's 3.5mm interface to the audio input port (e.g., AUX-in) of your non-Bluetooth audio system (wired headphones, car stereo, wired speakers).
3. On your Bluetooth-enabled device (smartphone, tablet, Bluetooth laptop), search for Bluetooth devices and select '**LE505**' from the list.
4. Once paired, the 'A' Bluetooth status light on the LE505 will remain solid. Audio from your Bluetooth device will now play through your connected audio system.

Product Details



Image: The BlitzMax LE505 adapter in RX mode, connected via a 3.5mm cable to a portable speaker, receiving audio wirelessly from a smartphone.

5. MAINTENANCE

- Keep the device dry. Avoid exposure to moisture or liquids.
- Clean the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Store the device in a cool, dry place when not in use.
- Avoid extreme temperatures.
- Do not attempt to disassemble or repair the device yourself. This will void the warranty.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
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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.	Device not in pairing mode; Bluetooth device too far; interference; incompatible device.	Ensure the LE505 is in the correct TX/RX mode and pairing mode (flashing light). Place devices closer. Turn off other Bluetooth devices. Some specific Bluetooth devices (e.g., certain AirPods models) may have known compatibility issues with third-party adapters.
No sound or poor sound quality.	Incorrect cable connection; volume too low; incorrect audio source/output selected; low battery.	Check all 3.5mm cable connections. Adjust volume on both the LE505 and connected devices. Ensure the correct audio output is selected on your source device (e.g., TV headphone jack). Recharge the LE505.
Audio lag in TX mode.	Connected headphones/speakers do not support aptX Low Latency.	For optimal low latency, ensure both the LE505 and your Bluetooth headphones/speakers support aptX Low Latency. RX mode does not support low latency.
Dual link not working.	Second device not in pairing mode; pairing button not pressed.	Ensure both Bluetooth headphones/speakers are in pairing mode when attempting to connect. Press the 'B' pairing button after the first device is connected.

7. SPECIFICATIONS

- **Model:** LE505
- **Bluetooth Version:** 5.3
- **Bluetooth Range:** Up to 33 feet (10 meters)
- **Supported Profiles:** A2DP, AVRCP
- **Audio Codecs:** aptX Low Latency, SBC (TX mode)
- **Battery Capacity:** 250mAh
- **Charging Time:** Approximately 2 hours
- **Operating Time (RX Mode):** Up to 20 hours
- **Operating Time (TX Mode):** Up to 12 hours
- **Charging Port:** USB Type-C (DC 5V)
- **Audio Interface:** 3.5mm Auxiliary
- **Dimensions:** 5.47 x 4.13 x 0.75 inches (Package)
- **Item Weight:** 2.89 ounces
- **Color:** Drak Black

Travel-friendly Design

Easily fits in your pocket or bag
(A free storage bag is included)

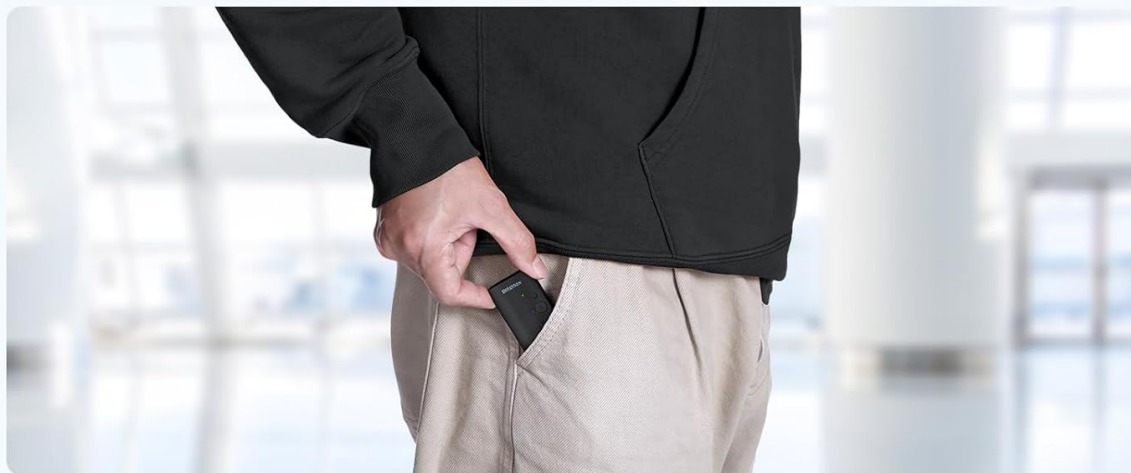


Image: A visual representation of the BlitzMax LE505's compact size (2.2 in length, 1.4 in width, 0.5 in height, 17.5g weight) and how it easily fits into a pocket.

8. WARRANTY AND SUPPORT

BlitzMax products are designed for reliability and performance. For any questions, technical support, or warranty inquiries, please refer to the contact information provided with your purchase or visit the official BlitzMax website. Please retain your proof of purchase for warranty claims.

Related Documents - LE505

<div><div>BlitzMax BM-CT1 Open Ear Headphones</div><div><div>Contents</div><div><div>1. Introduction</div><div>2. Package Contents</div><div>3. Quick Start</div><div>4. Charging</div><div>5. Pairing</div><div>6. Controls</div><div>7. Features</div><div>8. Troubleshooting</div><div>9. Specifications</div><div>10. Warranty</div></div></div></div>	<p>BlitzMax BM-CT1 Open Ear Headphones User Manual</p> <p>Comprehensive user manual for the BlitzMax BM-CT1 Open Ear Headphones, detailing setup, features, troubleshooting, and specifications. Learn how to charge, pair, and use your wireless earbuds.</p>
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