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## LIHAN C82

# LIHAN Bluetooth Transmitter Receiver Audio Adapter User Manual

Model: C82

## INTRODUCTION

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Thank you for choosing the LIHAN Bluetooth Transmitter Receiver Audio Adapter. This versatile 2-in-1 device allows you to wirelessly transmit audio from non-Bluetooth devices to Bluetooth headphones/speakers (Transmitter Mode) or receive audio from Bluetooth devices to wired speakers/car stereos (Receiver Mode). Designed for convenience and high-fidelity sound, it enhances your audio experience across various platforms, including in-flight entertainment, gym equipment, TVs, PCs, and home audio systems.



Image: The LIHAN Bluetooth Transmitter Receiver, showcasing its compact design, 3.5mm audio jack, and included airplane adapter.

## PRODUCT OVERVIEW AND FEATURES

The LIHAN Bluetooth Adapter is engineered for seamless audio connectivity, offering a range of features for diverse applications.

- **2-in-1 Functionality:** Easily switch between Transmitter (TX) and Receiver (RX) modes.
- **Advanced Bluetooth 5.3:** Ensures stable connection, faster transmission speed, and wider coverage.

- **Qualcomm Chipset:** Supports high-fidelity audio codecs including SBC, AAC, aptX, aptX-LL (Low Latency), and aptX-HD for superior sound quality and audio-visual synchronization.
- **Dual Headphone Pairing (TX Mode):** Connect two Bluetooth headphones simultaneously for shared listening experiences.
- **Extended Battery Life:** Up to 14 hours of continuous use, with quick charging via USB-C. Can be used while charging.
- **Compact and Portable Design:** Lightweight and easy to carry, ideal for travel and on-the-go use.
- **Hands-Free Calling:** Integrated microphone for convenient call management in Receiver mode.

# Upgraded Qualcomm Chip



**Qualcomm<sup>®</sup> aptX<sup>™</sup> HD**

**Bluetooth<sup>™</sup> 5.3**

**Faster Transmission Speed** ↑

**Transmission Stability Rate** ↑

**Wider Bluetooth Coverage Rate** ↑

Image: An internal view highlighting the advanced Qualcomm chip and Bluetooth 5.3 technology, indicating enhanced performance.

# Up To **14** Hours Of Battery Life



Image: A visual representation of the device's battery life, indicating up to 14 hours of operation and 2 hours for a full charge using USB-C.

# Compact Portable



Image: The compact and portable design of the adapter, demonstrating its small size (5 inches long, 1 inch wide, 0.5 inches thick) and ease of storage in a small pouch.

## PACKAGE CONTENTS

Please check the package for the following items:

- 1 x LIHAN Bluetooth 5.3 Transmitter/Receiver
- 1 x USB-C Charging Cable
- 1 x User Manual (this document)
- 1 x Dual 3.5mm Airplane Audio Adapter (if included with your specific model)

## SETUP

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### Charging the Device

Before first use, fully charge the device. Connect the included USB-C charging cable to the adapter's USB-C port and the other end to a USB power source (e.g., computer USB port, wall adapter). The indicator light will show charging status and turn off when fully charged.

### Powering On/Off

To power on, slide the ON/OFF switch to the 'ON' position. To power off, slide the switch to the 'OFF' position.

### Switching Modes (TX/RX)

The device has a TX/RX switch. Slide it to 'TX' for Transmitter Mode (sending audio) or 'RX' for Receiver Mode (receiving audio). The indicator light will change color to reflect the active mode (Blue for TX, Red for RX).

## Transmitter Mode TX



## Receiver Mode RX



Image: A visual guide illustrating the device's two operational modes: Transmitter (TX) indicated by a blue light, and Receiver (RX) indicated by a red light, along with examples of compatible devices for each mode.

## OPERATING INSTRUCTIONS

### Transmitter (TX) Mode

In TX mode, the adapter transmits audio from a non-Bluetooth device to Bluetooth headphones or speakers.

1. Slide the mode switch to 'TX'. The indicator light will turn blue.
2. Plug the 3.5mm audio jack of the adapter into the audio output port of your non-Bluetooth device (e.g., TV, PC, airplane entertainment system, treadmill).
3. Put your Bluetooth headphones or speaker into pairing mode.

4. The adapter will automatically search for and connect to nearby Bluetooth devices. Once connected, the blue light will remain solid or flash slowly.
5. For dual headphone pairing, after connecting the first device, put the second Bluetooth headphone into pairing mode. The adapter will attempt to connect to it.

**Note:** For optimal pairing, ensure no other Bluetooth devices are actively trying to connect to the adapter. If pairing issues occur, press the reset button on the adapter.



Image: Demonstrates the adapter in Transmitter (TX) mode, allowing two headphones to connect wirelessly to a laptop, ideal for shared audio experiences.



Image: A user pairing headphones to a treadmill using the LIHAN Bluetooth adapter in TX mode, enabling wireless audio during workouts.



# Transmitter For Trip

Compatible with All Airplane Audio Interfaces



Qualcomm®  
aptX™ HD



Image: The adapter connected to an airplane's audio interface, demonstrating its use for in-flight entertainment with wireless headphones, utilizing the included dual 3.5mm jack adapter.

## Receiver (RX) Mode

In RX mode, the adapter receives audio from a Bluetooth device (e.g., smartphone, tablet) and outputs it to a wired speaker or car stereo.

1. Slide the mode switch to 'RX'. The indicator light will turn red.
2. Plug the 3.5mm audio jack of the adapter into the audio input port of your wired speaker, car stereo, or amplifier.
3. On your Bluetooth-enabled device (e.g., smartphone), turn on Bluetooth and search for "LIHAN C82" (or similar name).
4. Select "LIHAN C82" to pair. Once connected, the red light will remain solid or flash slowly.

5. You can now stream audio wirelessly from your device to your wired audio system.

**Note:** When pairing in RX mode, it is recommended to turn off nearby Bluetooth devices (like your phone's Bluetooth) that are not intended for pairing to avoid interference.



Image: The adapter in Receiver (RX) mode, wirelessly connecting a smartphone to a wired speaker, enabling music streaming for social gatherings.

## MAINTENANCE

- Keep the device dry. Avoid exposure to moisture or liquids.
- Do not expose the device to extreme temperatures.

- Clean the device with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Store the device in a cool, dry place when not in use.
- Avoid dropping or subjecting the device to strong impacts.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Device won't power on.	Low battery.	Charge the device fully using the provided USB-C cable.
Cannot pair with Bluetooth device.	Device not in pairing mode; too many nearby Bluetooth devices; device too far.	Ensure the adapter is in the correct TX/RX mode and pairing mode. Turn off other Bluetooth devices. Move devices closer. Press the reset button on the adapter.
No audio or poor audio quality.	Incorrect cable connection; volume too low; interference; incompatible codec.	Check 3.5mm cable connection. Adjust volume on both devices. Move away from sources of interference. Ensure your connected device supports the adapter's codecs for best quality.
Device disconnects frequently.	Out of range; interference; low battery.	Move devices closer. Avoid obstacles. Recharge the device.

## SPECIFICATIONS

- **Model:** C82
- **Bluetooth Version:** 5.3
- **Bluetooth Chip:** Qualcomm
- **Supported Codecs:** SBC, AAC, aptX, aptX-LL, aptX-HD
- **Operating Range:** Up to 10 meters / 33 feet
- **Battery Life:** Up to 14+ hours (Music/Call)
- **Charging Time:** Approximately 2 hours
- **Charging Port:** USB-C
- **Audio Interface:** 3.5mm AUX Jack
- **Dimensions:** 1 x 0.5 x 5 inches
- **Weight:** 3.2 ounces
- **Material:** Plastic

## WARRANTY AND SUPPORT

LIHAN products come with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included in your package or visit the official LIHAN website. If you encounter any issues or have questions regarding your LIHAN Bluetooth Transmitter Receiver, please contact our customer support team:

- **Email:** [Insert Customer Support Email Here, if available]

- **Website:** [Visit the LIHAN Store on Amazon](#)

Please have your model number (C82) and purchase details ready when contacting support.