

## eppfun LS003

# eppfun LE Audio LC3 AURACAST Bluetooth 5.4 Headphones User Manual

Model: LS003 | Brand: eppfun

## 1. OVERVIEW

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The eppfun LE Audio LC3 AURACAST Bluetooth 5.4 Headphones are designed to deliver a superior audio experience with advanced connectivity options. Featuring the highly advantageous Qualcomm Bluetooth chip QCC3084 and Bluetooth version 5.4, these headphones support multiple codecs including Aptx Lossless, Aptx Adaptive, Aptx HD, and LC3 for high-resolution HIFI encoding and low latency audio.

A key innovation is the integration of Qualcomm's Auracast technology, enabling both broadcast transmission and reception, allowing for shared listening experiences or broadcasting audio input from the microphone. The headphones support both classic Bluetooth and LE Audio modes, automatically recognizing and pairing based on the transmitting device. With a large battery capacity, they offer up to 48 hours of continuous use.



Image: The eppfun LE Audio LC3 AURACAST Bluetooth 5.4 Headphones in black, showcasing their sleek over-ear design.

## 2. KEY FEATURES

- **Advanced Bluetooth 5.4:** Equipped with the Qualcomm QCC3084 chip for stable and efficient wireless

connectivity.

- **Multi-Codec Support:** Supports Aptx Lossless, Aptx Adaptive, Aptx HD, and LC3 for versatile high-fidelity audio.
- **AURACAST Technology:** Enables broadcast transmission and reception, allowing audio sharing with multiple compatible devices.
- **Dual Mode Operation:** Seamlessly switches between classic Bluetooth and LE Audio modes.
- **Extended Battery Life:** Provides up to 48 hours of continuous playback on a single charge.
- **Comfortable Design:** Features a stretchable and foldable design for enhanced comfort and portability.

## Comfortable



Image: The eppfun headphones designed for comfort, featuring soft earcups and an adjustable headband.

## QCC308X Bluetooth 5.4 Chipset

### Aptx Lossless HIFI Audio



Image: Visual representation highlighting the QCC308X Bluetooth 5.4 Chipset, emphasizing advanced audio processing.

## 3. SETUP

### 3.1 Initial Charging

Before first use, fully charge your eppfun headphones. Connect the included USB-C cable to the charging port on the headphones and the other end to a compatible USB power source (e.g., computer USB port, wall adapter). The LED indicator will show charging status and turn off or change color when fully charged.

### 3.2 Bluetooth Pairing

1. Ensure the headphones are powered off.
2. Press and hold the power button until the LED indicator flashes rapidly, indicating pairing mode.
3. On your device (smartphone, tablet, computer), enable Bluetooth and search for available devices.
4. Select "eppfun Cutemeet 818" (or similar name) from the list of found devices.

5. Once connected, the LED indicator will stop flashing and remain solid or turn off, depending on the model.

### 3.3 Wired Connection (AUX)

For a wired connection, use the provided 3.5mm AUX cable. Plug one end into the headphone's AUX port and the other into your audio source's 3.5mm jack. This mode is useful when battery is low or for devices without Bluetooth.

## BroadCast Operating Modes

When sharing audio in BroadCast mode, you can connect multiple headphones or speakers with BroadCast functionality, with features such as one to N and low latency.

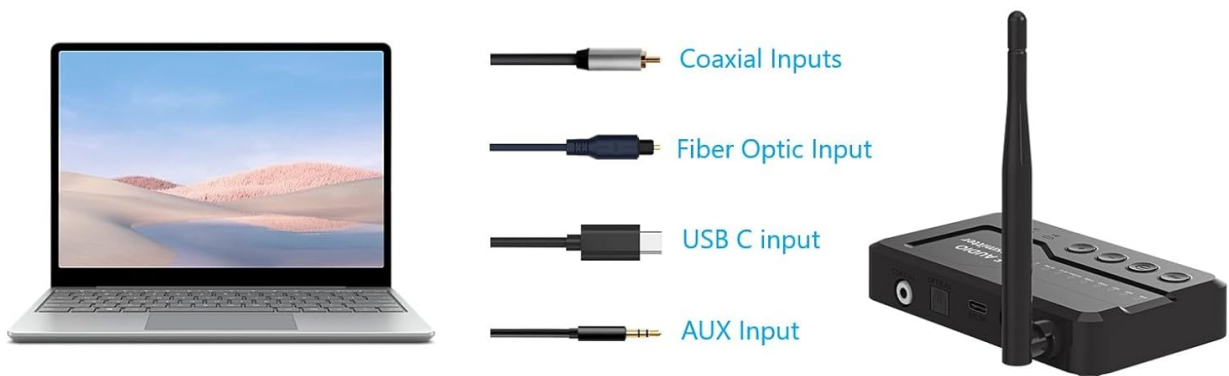


Image: Diagram illustrating various input options including Coaxial, Fiber Optic, USB-C, and AUX, compatible with the eppfun system.

## 4. OPERATING INSTRUCTIONS

### 4.1 Basic Controls

The headphones feature intuitive controls, primarily located on the right earcup:

- **Power On/Off:** Press and hold the power button.
- **Volume Up/Down:** Use the volume buttons (+/-).
- **Next/Previous Track:** Long press volume buttons or dedicated track buttons (if available).
- **Play/Pause:** Single press the multi-function button.
- **Answer/End Call:** Single press the multi-function button during a call.
- **Reject Call:** Long press the multi-function button during an incoming call.

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## BT (Classic Bluetooth+ LE Audio) 1v1



## BA (Broadcast Audio) 1vN



Image: Diagram illustrating the two primary operating modes: BT (Classic Bluetooth + LE Audio) for 1-to-1 connections, and BA (Broadcast Audio) for 1-to-N connections, enabling audio sharing.

### 4.2 Bluetooth LE Audio and Auracast

These headphones support both traditional Bluetooth and the newer LE Audio standard, including Auracast functionality. The system automatically detects and pairs based on the transmitting device's capabilities.

- **Classic Bluetooth Mode:** For standard 1-to-1 connections with smartphones, laptops, etc.
- **LE Audio Mode:** Offers improved audio quality and power efficiency.
- **Auracast Broadcast (Out):** The headphones can transmit audio from their microphone to other

Auracast-compatible devices. Refer to your device's specific instructions for enabling this feature.

- **Auracast Reception (In):** The headphones can receive audio broadcasts from Auracast transmitters, allowing multiple users to listen to the same audio source simultaneously (e.g., TV, public broadcasts).



Image: Multiple individuals enjoying shared audio from a television using Auracast-enabled eppfun headphones, demonstrating the multi-user listening capability.

Your browser does not support the video tag.

Video: An overview of the eppfun headphones, highlighting features such as foldable design, stretchable headband, wired/wireless dual mode, and seamless multi-device connection. This video demonstrates the physical attributes and connectivity options of the headphones.

### 4.3 Multi-Device Connection

The headphones support seamless switching between two simultaneously connected devices. For example, you can be connected to both your smartphone and a laptop, and the headphones will intelligently switch audio sources as needed (e.g., for an incoming call on your phone while watching a video on your laptop).

# Dual Connection



Image: Illustration of the headphones' dual connection capability, showing simultaneous pairing with a smartphone for calls and a tablet for media playback.

## 5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the headphones. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the headphones in a cool, dry place, away from direct sunlight and extreme temperatures. Utilize the foldable design for compact storage.
- **Battery Care:** To prolong battery life, avoid fully discharging the headphones frequently. Charge them regularly, even if not in use for extended periods.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Headphones do not power on.	Low battery.	Charge the headphones fully.
Cannot pair with device.	Headphones not in pairing mode; device Bluetooth off; too far from device.	Ensure headphones are in pairing mode (flashing LED). Turn on Bluetooth on your device. Move headphones closer to the device (within 10 meters). Try resetting the headphones.
No sound or low volume.	Volume too low on headphones or device; incorrect audio output selected; headphones not connected.	Increase volume on both headphones and device. Check audio output settings on your device. Re-pair the headphones.
Audio cuts out or is distorted.	Interference; too far from device; low battery.	Move closer to your device. Avoid strong electromagnetic interference. Charge the headphones.
Auracast functionality not working.	Lack of compatible Auracast Assistant app or transmitter; incorrect mode.	Ensure your transmitting device supports Auracast and has the necessary software/app. Verify the headphones are in the correct Auracast mode (broadcast or reception). Consider using an eppfun transmitter for optimal compatibility.

## 7. SPECIFICATIONS

Feature	Detail
Brand	eppfun
Model Number	LS003
Bluetooth Version	5.4
Bluetooth Range	10 Meters
Supported Codecs	Aptx Lossless, Aptx Adaptive, Aptx HD, LC3, AAC, SBC
Audio Driver Size	40 Millimeters
Frequency Range	20 Hz - 20,000 Hz
Impedance	32 Ohm
Audio Latency	20 Milliseconds
Battery Life (Playtime)	Up to 48 hours
Battery Type	1 Lithium Ion battery required
Earpiece Shape	Over Ear
Noise Control	Environmental Noise Cancellation
Control Method	Push Button
Product Dimensions	8.86 x 8.86 x 2.36 inches
Item Weight	10.6 ounces
UPC	710421188156

## 8. WARRANTY AND SUPPORT

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For detailed warranty information and customer support, please refer to the official eppfun website or contact their customer service directly. Keep your purchase receipt for warranty claims.

**Online Support:** Visit the eppfun Store on Amazon