

## FiiO EH11

# FiiO EH11 Retro On-Ear Bluetooth Headphones User Manual

Model: EH11

## INTRODUCTION

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The FiiO EH11 Retro On-Ear Bluetooth Headphones combine classic design with modern audio technology. These headphones are designed for comfort and high-fidelity sound, featuring advanced acoustic engineering and wireless connectivity.

### Key Features:

- **Advanced Acoustic Engineering:** Equipped with a custom low-frequency enhanced design, a 40mm long-stroke dynamic driver, and a high-damping composite diaphragm for deep bass down to 17Hz.
- **LDAC High-Resolution Bluetooth Audio:** Supports LDAC codec for near-lossless wireless audio quality with transmission rates up to 990kbps.
- **Lightweight and Comfortable:** Weighing approximately 92g with a low clamping force of 1.7N for extended listening comfort.
- **Long Playtime:** Up to 30 hours of playback on a 1.5-hour charge.
- **Customizable Sound Effects:** Adjust EQ presets and activate gaming mode via the FiiO Control App.
- **Dual-Device Bluetooth Connection:** Seamlessly switch between two connected devices.
- **Replaceable Ear Pads:** Detachable foam ear pads for easy cleaning and customization.

## SETUP

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### What's in the Box:

- FiiO EH11 Retro On-Ear Bluetooth Headphones
- Foam earpads (2 pairs)

- USB A to Type-C charging cable (1)
- Quick guide (1)

## Charging the Headphones:

Before first use, fully charge the headphones. Connect the provided USB A to Type-C charging cable to the USB-C port on the headphones and a power source. A full charge takes approximately 1.5 hours and provides up to 30 hours of playback time.

## Bluetooth Pairing:

1. Ensure the headphones are powered off.
2. Press and hold the power button until the indicator light flashes, indicating pairing mode.
3. On your device (smartphone, laptop, etc.), enable Bluetooth and search for available devices.
4. Select "FiiO EH11" from the list of devices to connect.
5. Once connected, the indicator light will change to a steady color or flash intermittently.

## Dual-Device Connection:

The FiiO EH11 supports simultaneous connection to two devices. After pairing with the first device, put the headphones back into pairing mode and connect to the second device. The headphones will automatically switch between devices for music, calls, or other audio, prioritizing active audio streams.

# OPERATING INSTRUCTIONS

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## Controls:

The EH11 features intuitive physical controls for ease of use:

- **Wooden Control Knob:** Rotate the wooden knob on the earcup to adjust volume. Press the knob to control track skipping (e.g., single press for play/pause, double press for next track, triple press for previous track).
- **Multi-function Button:** Use the dedicated button for answering/ending calls.



# EH11

## Bluetooth Over-Ear Headphones

Image: The FiiO EH11 headphones featuring the wooden control knob for volume and track control, and the transparent housing revealing internal components.

### **LDAC High-Resolution Audio:**

The EH11 supports LDAC for high-resolution wireless audio. To utilize this feature, ensure your source device also supports LDAC output. LDAC provides approximately three times higher transmission rates than standard SBC/AAC codecs, delivering near-lossless audio quality. Note that using LDAC may result in marginally higher power consumption. This feature is enabled by default but can be deactivated via the FiiO Control App.

# Semi-open design

## Ventilated comfort and minimized sound leakage

The headphones' semi-open design, with ventilation ports and damping filters, eliminates the "stuffy" feel typically associated with closed-back headphones. The result is a more open soundstage, clearer mid-to-high frequencies, as well as more natural and transparent vocals. Compared to fully open-backed headphones, the damping system controls air flow to minimize sound leakage.



Image: A visual comparison showing LDAC transmission rates (990 kbps) as significantly higher than traditional SBC/AAC (approx. 300 kbps), indicating superior audio quality.

## FiiO Control App and Custom Sound Profiles:

Download the FiiO Control App to unlock additional features and customize your listening experience. The app allows you to select from various built-in EQ presets (e.g., Pop, Rock, Classical, Jazz) or create your own custom sound profiles.

# Portable and lightweight design

## Take it out with zero hassle

Tipping the scales at merely about 92g and with a gentle clamping force of only about 1.7N, these headphones are light enough to vanish on your head, ensuring fatigue-free long listening sessions. Enjoy the sensation of music floating around your ears with cloud-like comfort.



Image: The FiiO Control App displaying options for customizing audio profiles and EQ settings, allowing users to tailor the sound to their preferences.

### **Gaming Mode:**

The FiiO Control App also offers a specially tuned gaming mode. Activating this mode enhances specific in-game audio details, such as footsteps and gunshots, providing improved sound positioning and a more immersive gaming experience. This mode, combined with the built-in HD microphone, facilitates efficient team communication.

# Custom audio profiles

## You define the sound

Download the dedicated FiiO Control APP to start your enhanced audio adventure.

The app features a variety of built-in sound profiles—including pop, classical, jazz, and rock—allowing for a perfect sonic match to any music genre you're listening to, making every note heard feel tailor-made for your ears.



Image: A user engaged in mobile gaming with the FiiO EH11 headphones, highlighting the gaming mode's ability to enhance critical in-game audio cues like footsteps and gunshots.

## MAINTENANCE

### Cleaning and Replacing Ear Pads:

The FiiO EH11 headphones feature detachable foam ear pads, making cleaning and replacement straightforward. Gently remove the ear pads for cleaning with a soft, dry cloth. If replacement is needed, align the new ear pads with the headphone cups and press firmly to secure them. Two pairs of different-colored official ear pads are included with your purchase.



Image: The FiiO EH11 headphones, illustrating the design that allows for easy removal and replacement of ear pads.

## TROUBLESHOOTING

### Common Issues and Solutions:

- **No Power:** Ensure the headphones are fully charged. Connect the USB-C charging cable and allow it to charge for at least 10 minutes before attempting to power on.
- **Cannot Pair:** Make sure the headphones are in pairing mode (indicator light flashing). Turn off and on your device's Bluetooth, then try pairing again. Ensure the headphones are not already connected to another device.
- **Poor Sound Quality/Disconnections:** Check if the headphones are within the effective Bluetooth range of your device. Avoid obstacles that may interfere with the signal. If using LDAC, ensure your device supports it and try switching to a different codec in the FiiO Control App if issues persist.
- **Controls Not Responding:** Power cycle the headphones (turn off and then on). Ensure the FiiO Control App is updated to the latest version if using app-based controls.

## SPECIFICATIONS

Feature	Specification
Brand	FiiO
Model Name	EH11
Model Number	F4431E
Color	Cyan
Ear Placement	On-Ear
Form Factor	Over Ear
Connectivity Technology	Bluetooth
Wireless Technology	Bluetooth
Bluetooth Version	5.0
Audio Driver Type	Dynamic Driver (40mm)
Frequency Range	17Hz - 20,000Hz
Battery Charge Time	1.5 Hours
Battery Average Life	30 Hours
Weight	Approx. 92g
Clamping Force	1.7N
Compatible Devices	Smartphones, Laptops, Desktops, Tablets, Gaming Consoles
Additional Features	LDAC Audio, Gaming Mode, App EQ, Built-in Mic
Enclosure Material	Plastic, Wood, Foam

## WARRANTY AND SUPPORT

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### Warranty Information:

The FiiO EH11 headphones come with a 1-year manufacturer's warranty. Please retain your proof of purchase for warranty claims.

### Customer Support:

For technical assistance, troubleshooting, or warranty inquiries, please contact FiiO customer support through their official website or the retailer where the product was purchased.