

AOC ACT3512

AOC ACT3512 Wireless Gaming Earbuds User Manual

Model: ACT3512 | Brand: AOC

INTRODUCTION

The AOC ACT3512 Wireless Gaming Earbuds are designed for versatile audio experiences across multiple platforms. Featuring dual-mode connectivity (2.4GHz and Bluetooth 5.3), these earbuds offer ultra-low latency for gaming and clear audio for daily use. This manual provides instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance.

WHAT'S IN THE BOX

Carefully unpack the contents and ensure all items are present:

- AOC ACT3512 Wireless Gaming Earbuds (Left and Right)
- Wireless Charging Case
- USB-C 2.4GHz Dongle
- USB-C to USB-A Adapter
- USB-C Charging Cable
- Ear Tips (Small, Medium, Large)
- User Manual (this document)

AOC RGB LIGHTING

lighting offers up to 16.8 million colors and includes four preset light effects



Image: The box contents including earbuds, charging case, dongle, adapters, cable, and ear tips.

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Video: An unboxing demonstration of the AOC ACT3512 Wireless Gaming Earbuds, showing all included components.

SETUP

1. Charging the Earbuds and Case

Before first use, fully charge the earbuds and charging case. Place the earbuds into the charging case. Connect the USB-C charging cable to the case and a power source. The indicator light on the case will show charging status.

- **Earbud Playtime:** Up to 8 hours on a single charge.
- **Total Playtime with Case:** Up to 32 hours.
- **Fast Charging:** 10 minutes of charge provides approximately 4 hours of battery life.

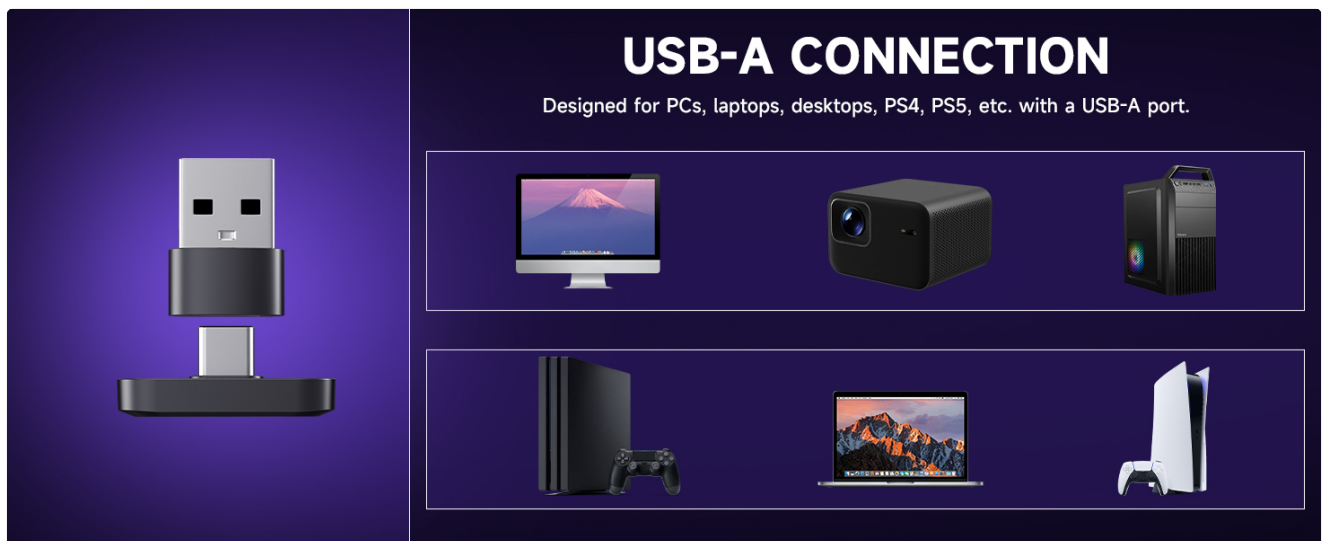


Image: Illustration of the earbuds and charging case, highlighting the 32-hour total usage time.

2. Connecting via 2.4GHz Dongle (Ultra-Low Latency Mode)

For competitive gaming and ultra-low latency audio, use the 2.4GHz USB-C dongle.

1. Insert the USB-C dongle into a compatible device (PC, PS5, Nintendo Switch, VR headsets, Steam Deck, mobile devices with USB-C).
2. If your device only has USB-A ports, attach the USB-C to USB-A adapter to the dongle before inserting.

3. The earbuds will automatically connect to the dongle when removed from the charging case.
4. Ensure the earbuds are selected as the audio output device in your system settings.

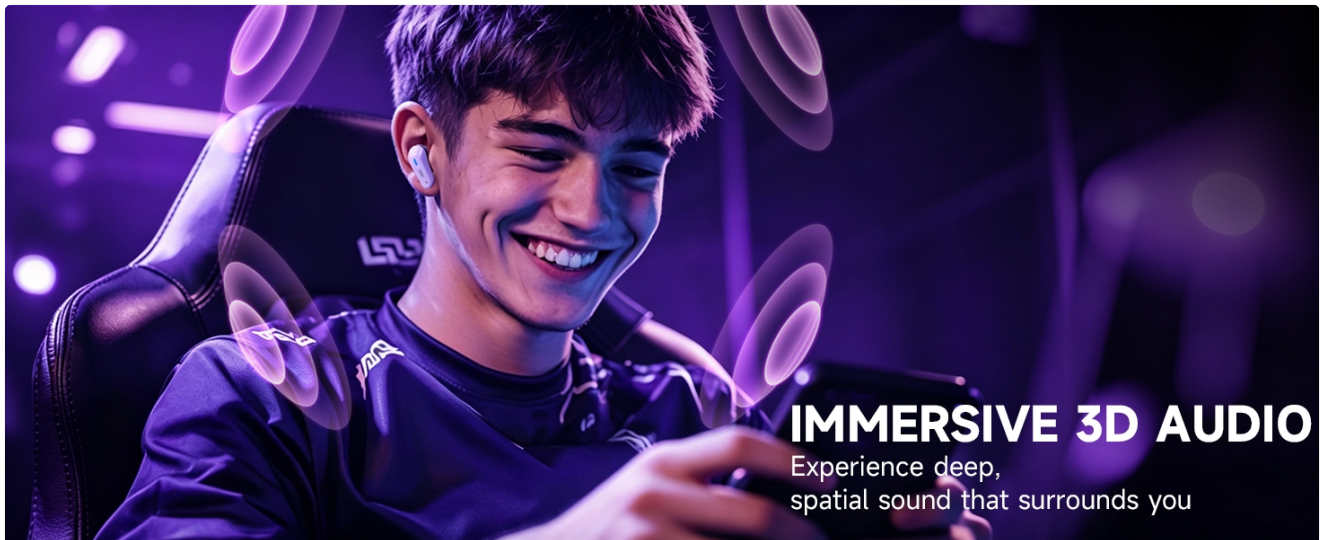


Image: The USB-C dongle and examples of compatible devices like PC, laptop, tablet, phone, and Nintendo Switch.

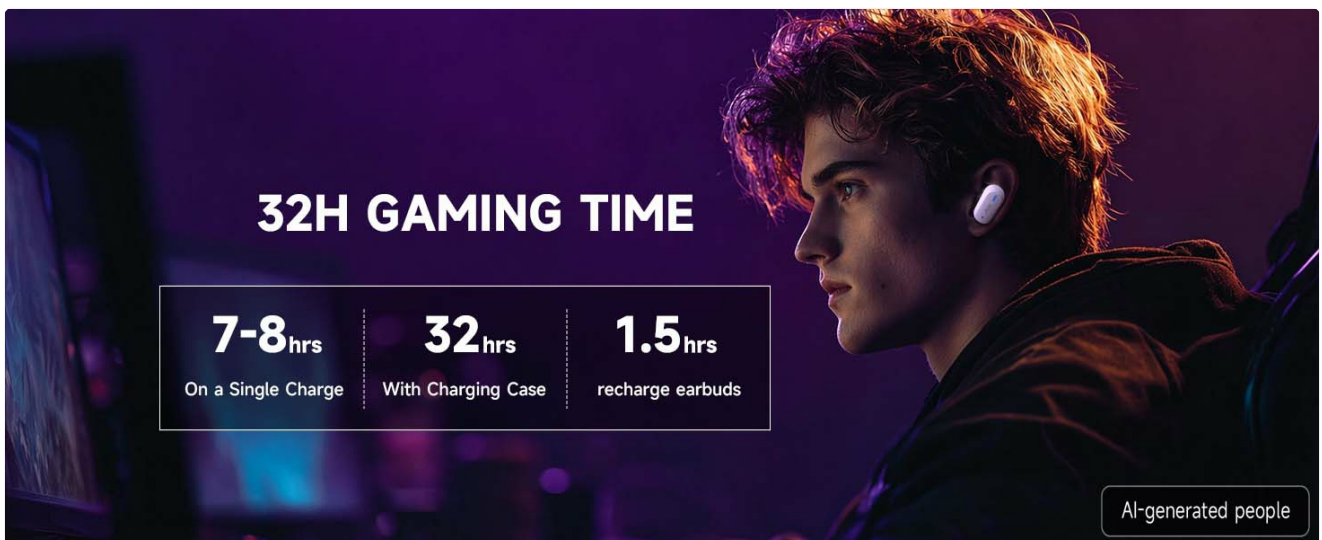


Image: The USB-A adapter connected to the USB-C dongle, showing compatibility with devices like PC, PS4, and PS5.

3. Connecting via Bluetooth 5.3

For mobile devices and general use, connect via Bluetooth.

1. Open the charging case. The earbuds will enter pairing mode (indicator lights will flash).
2. On your Bluetooth-enabled device (smartphone, tablet, laptop), go to Bluetooth settings.
3. Select "AOC ACT3512" from the list of available devices to pair.
4. Once paired, the indicator lights on the earbuds will stop flashing.



Image: The Bluetooth symbol alongside various mobile devices, illustrating Bluetooth connectivity.

4. Fitting the Earbuds

Choose the ear tips that provide the most comfortable and secure fit for optimal sound quality and noise isolation. The earbuds come with Small, Medium, and Large ear tips.

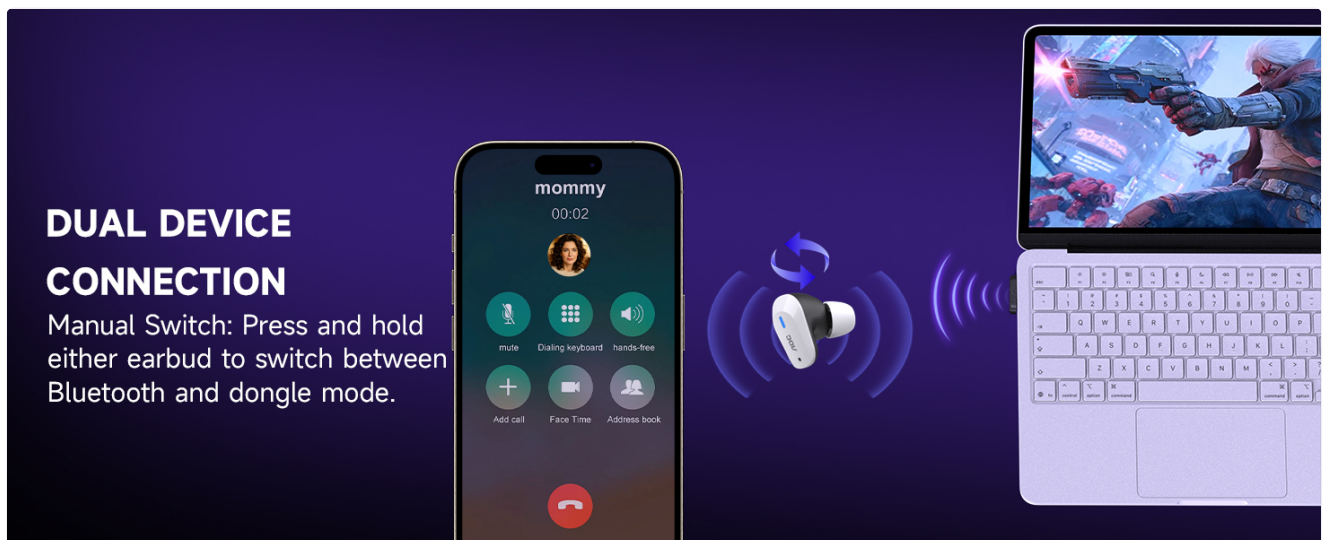


Image: A visual representation of the different sized ear tips (S, M, L) included with the earbuds.

OPERATING INSTRUCTIONS

Touch Controls

The earbuds feature intuitive touch controls for managing audio and calls:

- **Play/Pause:** Single tap on either earbud.
- **Answer Call:** Single tap on either earbud.
- **Hang Up Call:** Single tap on either earbud during a call.
- **Next Track:** Double tap on the right earbud.
- **Previous Track:** Double tap on the left earbud.



Image: A user demonstrating touch controls on an earbud, with icons for play, pause, answer, hang up, previous, and next track.

Dual Device Connection

The earbuds support simultaneous connection to both the 2.4GHz dongle and a Bluetooth device. You can manually switch between these connections:

- **Switching Modes:** Press and hold either earbud to switch between Bluetooth and dongle mode. This allows you to seamlessly transition from gaming audio to answering a phone call.

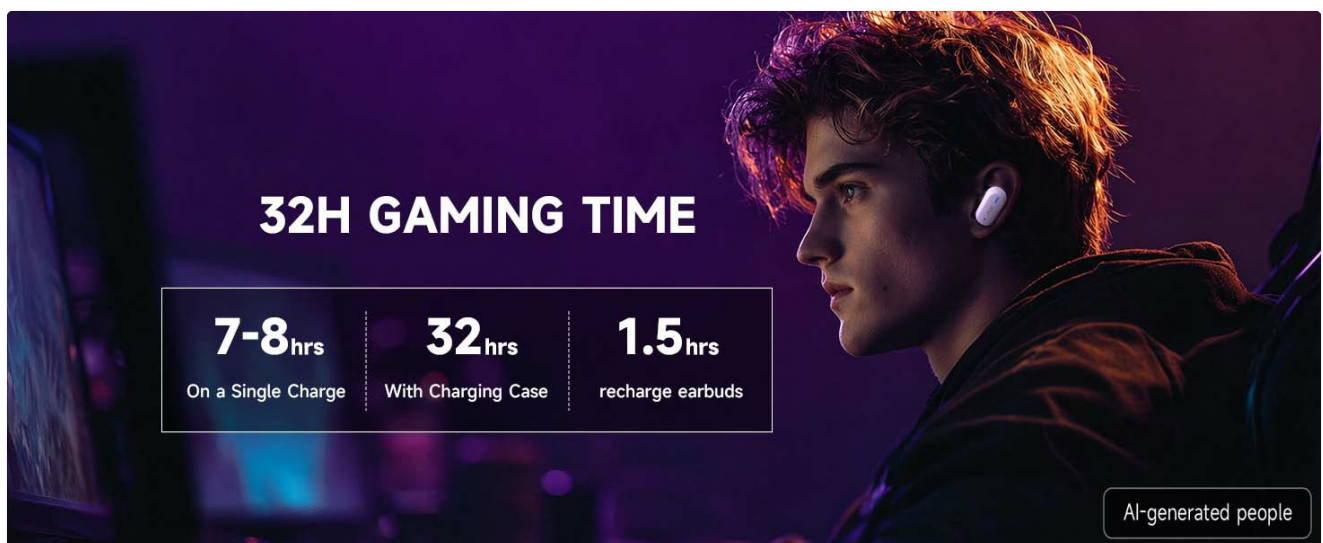


Image: An illustration showing the earbuds seamlessly switching audio between a phone call and a laptop gaming session.

Microphone Usage

The earbuds are equipped with high-quality silicon noise-canceling microphones to ensure clear communication.

- **Noise Cancelling:** The microphones effectively filter out ambient background noise, making your voice clear during calls and gaming.
- **Microphone Placement:** Each earbud contains multiple microphones for optimal voice capture.

SMALL/MEDIUM/LARGE EAR TIPS INCLUDED

Find your perfect size



Image: A detailed view of the earbuds highlighting the placement of the four AI-tuned HD talking microphones.

Audio Features

- **Ultra-Low Latency:** When connected via the 2.4GHz dongle, experience an industry-leading 20ms ultra-low latency for synchronized audio and video in gaming.
- **Premium Audio:** Dedicated hardware audio amplifier and large-magnet single-diaphragm drivers deliver crystal-clear highs and deep, punchy bass.
- **Immersive 3D Audio:** Enjoy spatial sound that enhances your gaming and media experience.

USB-C CONNECTION

Perfect for devices such as PCs, laptops, desktops, tablets, mobile phones, and Switch

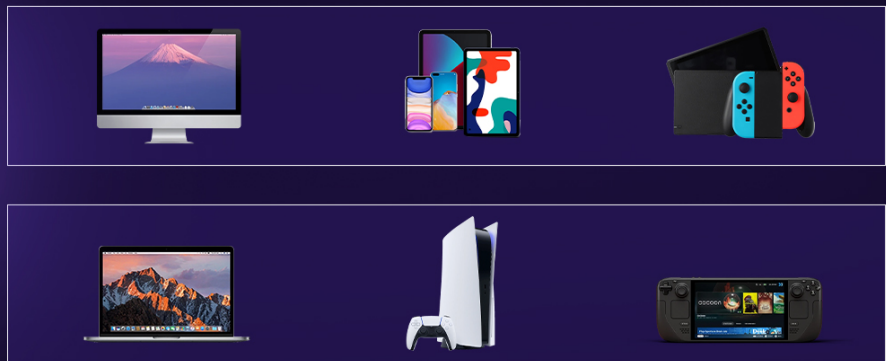


Image: A gamer focused on a portable console, illustrating the benefit of 20ms low latency audio for competitive play.



Image: A person wearing the earbuds, with visual cues indicating immersive 3D audio surrounding them.

MAINTENANCE

Cleaning

- Regularly clean the earbuds and charging case with a soft, dry, lint-free cloth.
- Remove ear tips and clean them with mild soap and water, then dry thoroughly before reattaching.
- Use a cotton swab to gently clean the charging contacts on both the earbuds and inside the case.
- Avoid using abrasive materials, solvents, or harsh chemicals.

Storage

- Always store the earbuds in their charging case when not in use to protect them and keep them charged.
- Store the case and earbuds in a cool, dry place, away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Connection Issues

- **Earbuds not connecting to dongle:** Ensure the dongle is fully inserted into the device. Try unplugging and re-plugging the dongle. Make sure the earbuds are charged and removed from the case.
- **Earbuds not pairing via Bluetooth:** Ensure Bluetooth is enabled on your device and the earbuds are in pairing mode. Forget the device from your Bluetooth list and try pairing again.
- **No audio:** Check your device's audio output settings to ensure the AOC ACT3512 is selected. Adjust volume on both your device and the earbuds.

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Video: Instructions on what to do if the 2.4GHz dongle is not connecting to the earbuds.

Charging Issues

- **Earbuds not charging:** Ensure earbuds are correctly seated in the charging case and contacts are clean. Check the charging cable and power source.
- **Case not charging:** Verify the USB-C cable and power adapter are functioning correctly.

Audio Quality Issues

- **Distorted or low audio:** Ensure earbuds are properly fitted and ear tips provide a good seal. Check for obstructions in the earbud speakers.
- **Microphone not working:** Ensure the microphone is not blocked and that the earbuds are selected as the input device in your system settings.

SPECIFICATIONS

Feature	Specification
Brand	AOC
Model Number	ACT3512
Connectivity Technology	Wireless (2.4G, Bluetooth)
Bluetooth Version	5.3
Ear Placement	In Ear
Noise Control	Active Noise Cancellation (Microphone)
Battery Average Life (Earbuds)	8 Hours
Total Playtime with Case	32 Hours
Battery Charge Time	1 Hour (for earbuds)
Control Method	Touch
Audio Driver Type	Dynamic Driver
Frequency Response	20000 Hz
Item Weight	55 Grams
Compatible Devices	PlayStation, PC, handheld, Steam Deck, Switch, VR, mobile, iPhone, Android, Tablet, Meta Quest 2/3, Windows 10
Water Resistance Level	Water Resistant

WARRANTY INFORMATION

The AOC ACT3512 Wireless Gaming Earbuds come with a **1 Year Manufacturer Warranty**. Please retain your proof of purchase for any warranty claims. For specific terms and conditions, refer to the warranty card included in your product packaging or contact AOC customer support.

SUPPORT

If you encounter any issues not covered in this manual or require further assistance, please contact AOC customer support through their official website or the contact information provided in your product documentation.

