

[Manuals.plus](#) /

› [AOC](#) /

› AOC ACT3512 Wireless Gaming Earbuds User Manual

## AOC ACT3512

# AOC ACT3512 Wireless Gaming Earbuds User Manual

Model: ACT3512 | Brand: AOC

## INTRODUCTION

Thank you for choosing the AOC ACT3512 Wireless Gaming Earbuds. This manual provides essential information for setting up, operating, and maintaining your earbuds. Please read it thoroughly before use to ensure optimal performance and longevity of your device.



*Image: The AOC ACT3512 Wireless Gaming Earbuds with their charging case.*

## PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- AOC ACT3512 Earbuds (Left and Right)
- Charging Case
- USB-C Charging Cable
- USB-C Dongle (2.4GHz)
- USB-A Adapter (for USB-C Dongle)
- Eartips (S, M, L sizes)
- User Manual

## プラグ&プレイ対応・dongle接続ですぐにゲームプレイ可能

USB-Aポートを搭載したPC、ノートPC、デスクトップPC、PS4、PS5などに最適です。



USB-A接続



*Image: All components included in the AOC ACT3512 package, including earbuds, charging case, cables, dongle, adapter, and eartips.*

## PRODUCT DIAGRAM

Familiarize yourself with the components of your AOC ACT3512 earbuds:

- **Earbuds:** Left and Right, each with touch control area and LED indicator.
- **Charging Case:** Houses and charges the earbuds, with a USB-C charging port and battery indicator.
- **USB-C Dongle:** For 2.4GHz wireless connection.
- **Microphones:** Each earbud features multiple microphones for clear communication and noise reduction.



*Image: Detailed view of an earbud highlighting the four integrated microphones for enhanced call clarity.*

## SETUP

### 1. Initial Charging

1. Place both earbuds into the charging case.
2. Connect the USB-C charging cable to the charging port on the case and to a power source.
3. The LED indicator on the case will show charging status. Ensure the earbuds and case are fully charged before first

use (approximately 1.5 hours for earbuds).

## 2. Connecting via 2.4GHz Dongle

This mode offers ultra-low latency for gaming on compatible devices like PC, PS5, Nintendo Switch, and VR headsets.

1. Insert the USB-C dongle directly into a compatible USB-C port on your device. If your device only has USB-A ports, use the provided USB-A adapter with the USB-C dongle.
2. Take the earbuds out of the charging case. They will automatically attempt to connect to the dongle.
3. The LED indicator on the earbuds will confirm a successful connection.



Image: The USB-C dongle and its use for 2.4GHz connection with various gaming devices.

## 3. Connecting via Bluetooth

This mode is ideal for smartphones, tablets, and other Bluetooth-enabled devices.

1. Ensure the earbuds are in the charging case.
2. Open the charging case lid. The earbuds will enter pairing mode (LEDs will flash).
3. On your device, go to Bluetooth settings and select "AOC ACT3512" from the list of available devices.
4. Once connected, the earbud LEDs will stop flashing.



Image: The Bluetooth connection process for mobile phones, tablets, and laptops.

# OPERATING INSTRUCTIONS

## Power On/Off

- **Power On:** Open the charging case lid or take the earbuds out of the case.
- **Power Off:** Place the earbuds back into the charging case and close the lid.

## Touch Controls

The earbuds feature intuitive touch controls for various functions:

| Action                  | Function                                  |
|-------------------------|-------------------------------------------|
| Single Tap (Left/Right) | Play/Pause music, Answer/End call         |
| Double Tap (Right)      | Next Track                                |
| Double Tap (Left)       | Previous Track                            |
| Long Press (Left/Right) | Switch between 2.4GHz and Bluetooth modes |
| Triple Tap (Left/Right) | Activate Voice Assistant                  |



Image: A user demonstrating the touch control functionality on the earbud.

## Switching Modes (2.4GHz / Bluetooth)

The earbuds support simultaneous connection to both 2.4GHz (via dongle) and Bluetooth devices. To switch between audio sources, long-press either earbud. This allows you to seamlessly transition from gaming audio to answering a phone call.

AOC

音と映像を、完全に同期させる。

AOCは長年にわたり  
世界中のゲーマーに向けて  
高性能ゲーミングディスプレイを  
提供してきました。

そして今、  
その技術と経験を  
ゲーミングオーディオへ。

映像だけでなく、音までも。

AOCは  
音と映像が完全に同期する  
新しいゲーミング体験を届けます。

*Image: Earbuds simultaneously connected to a smartphone for calls and a laptop for gaming, demonstrating dual-mode functionality.*

## Microphone Functionality

Equipped with AI-tuned 4-microphones, the earbuds provide clear voice communication by effectively suppressing ambient noise. This ensures your voice is transmitted clearly during in-game chats, online meetings, or phone calls, even in noisy environments.



*Image: A VR headset and a smartphone displaying a call, indicating the earbuds' ability to handle calls during gaming sessions.*

## MAINTENANCE

### Cleaning

- Gently wipe the earbuds and charging case with a soft, dry, lint-free cloth.
- Do not use abrasive cleaners, alcohol, or chemical solvents.

- Remove eartips and clean them separately with mild soap and water if necessary, ensuring they are completely dry before reattaching.

### Storage

- Store the earbuds in their charging case when not in use to protect them and keep them charged.
- Avoid storing in extreme temperatures or high humidity.

### Water Resistance (IPX4)

The earbuds are rated IPX4, meaning they are resistant to splashing water from any direction. They are suitable for sports and light rain but should not be submerged in water or exposed to heavy water jets.

## TROUBLESHOOTING

- **No Sound:** Ensure earbuds are charged, properly connected (2.4GHz dongle or Bluetooth), and the volume on both the earbuds and your device is turned up.
- **Connection Issues:** Try re-pairing the earbuds. For 2.4GHz, unplug and re-plug the dongle. For Bluetooth, forget the device on your phone and re-pair.
- **Microphone Not Working:** Check if the microphone is muted on your device or in the application you are using. Ensure earbuds are securely in place.
- **Earbuds Not Charging:** Ensure the charging cable is securely connected and the power source is active. Clean the charging contacts on both the earbuds and the case.
- **Low Latency Not Achieved:** Ensure you are using the 2.4GHz dongle connection for optimal low latency performance, especially for gaming.

## SPECIFICATIONS

| Feature                           | Detail                                                                                                                           |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Model Name                        | AOC ACT3512                                                                                                                      |
| Connectivity Technology           | 2.4G Type-C Port, Bluetooth                                                                                                      |
| Wireless Communication Technology | 2.4G Type-C Port, Bluetooth                                                                                                      |
| Color                             | White                                                                                                                            |
| Microphone                        | AI Tuning 4-Mic                                                                                                                  |
| Latency                           | Ultra-low, less than 20ms (2.4GHz mode)                                                                                          |
| Battery Life (Earbuds)            | Up to 8 hours                                                                                                                    |
| Total Playback Time (with Case)   | Up to 32 hours                                                                                                                   |
| Water Resistance Rating           | IPX4                                                                                                                             |
| Compatible Devices                | PlayStation, PC, Handheld Gaming Devices, Steam Deck, Switch, VR (Meta Quest 2/3), Mobile (iPhone, Android), Tablets, Windows 10 |

| Feature         | Detail        |
|-----------------|---------------|
| Recommended Use | Gaming, Music |
| GTIN            | 810224220395  |

## WARRANTY AND SUPPORT

AOC provides a one-year free warranty for the ACT3512 Wireless Gaming Earbuds. Additionally, by registering as an AOC member, you can receive an automatic 6-month warranty extension, totaling 18 months of product warranty. For any issues such as damage, malfunction, or missing accessories, please contact our customer support. Our Japanese-speaking customer service team is available to assist you with usage, repairs, and pre-purchase inquiries.



Image: Information regarding AOC's warranty policy and customer support services.

© 2026 AOC. All rights reserved.

### ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

**Submit question**