

Audio-Technica ATH-CKS50TW2

Audio-Technica ATH-CKS50TW2 Wireless In-Ear Headphones

INSTRUCTION MANUAL

Introduction

This manual provides detailed instructions for the safe and effective use of your Audio-Technica ATH-CKS50TW2 Wireless In-Ear Headphones. Please read this manual thoroughly before using the product and retain it for future reference.

The ATH-CKS50TW2 earbuds feature advanced hybrid noise-cancelling technology, a long battery life, and a robust, water-resistant design for various listening environments.

Package Contents

- ATH-CKS50TW2 Wireless In-Ear Headphones (Left and Right)
- Charging Case
- USB Charging Cable (USB Type-A to USB Type-C)
- Eartips (XS, S, M, L, XL sizes)



Image: Contents of the ATH-CKS50TW2 package, showing the earbuds, charging case, USB-C cable, and multiple sizes of silicone eartips.

Setup

1. Charging the Headphones and Case

Before first use, fully charge the headphones and charging case. A 5-minute quick charge provides approximately 90 minutes of use.

1. Place the left and right headphones into the charging case. Ensure they are seated correctly.
2. Connect the supplied USB charging cable to the charging case's USB Type-C port and to a USB power source.
3. The indicator light on the charging case will illuminate to show charging status. It will turn off when fully charged.



Image: The ATH-CKS50TW2 earbuds resting in their charging case, indicating charging status with a green LED.

2. Bluetooth Pairing

To connect your headphones to a device for the first time:

1. Remove both headphones from the charging case. They will automatically enter pairing mode. The indicator lights on the headphones will flash.
2. On your device (smartphone, tablet, etc.), enable Bluetooth and search for available devices.
3. Select "ATH-CKS50TW2" from the list of found devices.
4. Once paired, the headphone indicator lights will stop flashing.

Note: If pairing fails, place the headphones back in the case, close the lid, then open it and try again. Refer to your device's manual for specific Bluetooth pairing instructions.

3. Fitting the Eartips and Headphones

Proper fit is crucial for sound quality and noise cancellation. The ATH-CKS50TW2 uses a hybrid eartip structure for a secure and comfortable fit.

- Experiment with the different eartip sizes (XS, S, M, L, XL) to find the best seal for your ears.
- Gently insert each headphone into your ear canal and twist slightly to ensure a snug fit.



Image: Demonstrates the correct way to insert the earbud for optimal fit and comfort.

Operating Instructions

1. Power On/Off

- **Power On:** Remove the headphones from the charging case. They will power on automatically.
- **Power Off:** Place the headphones back into the charging case and close the lid. They will power off automatically. Alternatively, press and hold the multifunction button on either earbud for approximately 5 seconds.

2. Multifunction Button Controls

Each earbud features a customizable multifunction button for various controls. Default functions are:

Action	Function (Left Earbud)	Function (Right Earbud)
Single Press	Play/Pause, Answer Call	Play/Pause, Answer Call
Double Press	Volume Down	Volume Up
Triple Press	Previous Track	Next Track
Long Press (approx. 2s)	Activate Voice Assistant / Decline Call	Toggle Noise Cancellation / Hear-Through / Off

Note: Button functions can be customized using the Audio-Technica Connect app.

3. Noise Cancellation and Hear-Through Function

The ATH-CKS50TW2 features hybrid noise-cancelling technology and a hear-through function.

- **Toggle Modes:** Press and hold the multifunction button on the **right** earbud for approximately 2 seconds to cycle through Noise Cancellation, Hear-Through, and Off modes.
- **Noise Cancellation:** Reduces ambient noise for an immersive listening experience.
- **Hear-Through:** Allows you to hear your surroundings while listening to audio, enhancing situational awareness.

4. Using the Audio-Technica Connect App

Download the Audio-Technica Connect app for additional features and customization options, including:

- Customizing button functions.
- Adjusting noise cancellation levels.
- Equalizer settings.
- Checking battery levels.
- Firmware updates.



Image: The Audio-Technica Connect app interface, demonstrating control over ambience settings and earbud status.

Maintenance

Cleaning

- Regularly clean the eartips and the mesh filters of the headphones to prevent wax buildup, which can affect sound quality.

- Use a soft, dry cloth to wipe the headphones and charging case. Do not use alcohol, benzene, thinners, or other solvents.
- Ensure the charging contacts on both the headphones and the case are clean and free of debris.

Water and Dust Resistance (IP55-equivalent)

The headphones are rated IP55-equivalent, meaning they are protected against dust ingress and low-pressure water jets from any direction. This rating applies to the headphones only, not the charging case.

- Do not submerge the headphones in water.
- Ensure the headphones are completely dry before placing them back into the charging case to prevent damage.
- The water resistance is not permanent and may decrease over time with normal use.

Storage

When not in use, store the headphones in their charging case to protect them and conserve battery life.

Troubleshooting

Problem	Possible Cause / Solution
No sound / Low volume	<p>Ensure headphones are powered on and paired.</p> <p>Check volume levels on both headphones and connected device.</p> <p>Clean eartips and headphone mesh filters.</p> <p>Try re-pairing the headphones.</p>
Cannot pair with device	<p>Ensure headphones are in pairing mode.</p> <p>Disable and re-enable Bluetooth on your device.</p> <p>Forget "ATH-CKS50TW2" from your device's Bluetooth settings and try pairing again.</p> <p>Ensure headphones and device are within 1 meter during pairing.</p>
Headphones not charging	<p>Ensure headphones are correctly seated in the charging case.</p> <p>Check that the USB cable is securely connected to both the case and the power source.</p> <p>Verify the charging case itself has power.</p> <p>Clean charging contacts on headphones and case.</p>
Noise cancellation not effective	<p>Ensure headphones are properly fitted in your ears with the correct eartip size.</p> <p>Verify noise cancellation mode is active (not Hear-Through or Off).</p>

Specifications

Feature	Detail
Model Name	ATH-CKS50TW2
Connectivity	Bluetooth 5.0

Feature	Detail
Bluetooth Range	Up to 10 meters (33 feet)
Noise Control	Hybrid Noise Cancellation
Battery Life (Headphones)	Up to 25 hours (with ANC off)
Battery Life (with Case)	Additional 40 hours (total 65 hours)
Quick Charge	5 minutes charge for 90 minutes playback
Charging Time	Approximately 90 minutes (headphones and case)
Water Resistance	IP55-equivalent (headphones only)
Audio Driver Size	9 mm Dynamic Driver
Frequency Response	20 Hz - 20,000 Hz
Impedance	20 Ohms
Weight (each earbud)	7.2 Grams
Included Components	Headphones, Charging Case, USB Charging Cable, Eartips (XS/S/M/L/XL)

Warranty and Support

Audio-Technica products are covered by a limited warranty. For specific warranty terms and conditions, please refer to the warranty information included with your product or visit the official Audio-Technica website.

For technical support, troubleshooting assistance, or replacement parts, please contact Audio-Technica customer service through their official website or the contact information provided in your product packaging.

Official Website: www.audio-technica.com