**Cillso H97**

# Cillso H97 Wireless Earbuds User Manual

Model: H97 | Brand: Cillso

## 1. INTRODUCTION

Thank you for choosing the Cillso H97 Wireless Earbuds. This manual provides detailed instructions on how to set up, operate, and maintain your earbuds to ensure optimal performance and longevity. Please read this manual carefully before using the product.

*Image: The Cillso H97 Wireless Earbuds in their charging case, displaying the LED battery indicator.*

## 2. WHAT'S IN THE BOX

Upon unpacking, please ensure all items listed below are present:

- Cillso H97 Wireless Earbuds (L/R)
- Charging Case
- USB-C Charging Cable
- User Manual (This document)

## What's in the box?

① Earbuds
② User Manual
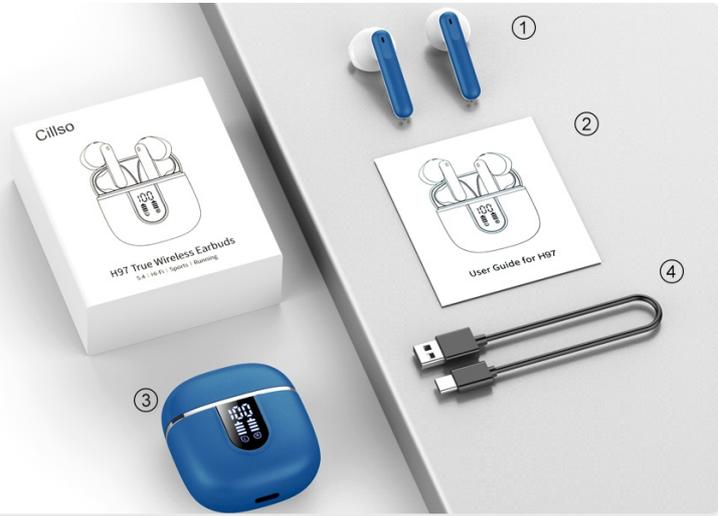③ Charging Case
④ Type-C Charging Cable

*Image: A visual representation of the items included in the product packaging: earbuds, user manual, charging case, and USB-C charging cable.*

# 3. PRODUCT OVERVIEW

The Cillso H97 Wireless Earbuds are designed for comfort and high-quality audio. Key features include:

- **Bluetooth 5.4 Technology:** Provides a stable connection, longer transmission range, lower power consumption, and reduced latency.
- **Immersive Hi-Fi Stereo Sound:** Equipped with 13mm dynamic drivers for deep bass, clear mids, and crisp highs.
- **ENC Noise Cancelling Microphones:** Four built-in microphones enhance call clarity by reducing background noise.
- **Extended Battery Life:** Up to 8 hours of playback per charge, with a total of 40 hours using the charging case.
- **LED Digital Display:** The charging case features an independent LED display to show battery levels for both the case and individual earbuds.
- **IPX7 Waterproof Rating:** Protects against sweat, rain, and splashes, making them suitable for various activities.
- **Sensitive Touch Controls:** Manage playback, calls, and voice assistants with simple taps.
- **Ergonomic and Lightweight Design:** Each earbud weighs 3.5 grams, and the case weighs 32 grams, ensuring comfortable wear and portability.

## 3.1 Components and Indicators

Familiarize yourself with the main components and indicators:

- **Earbuds:** Left (L) and Right (R) earbuds with touch control areas and earbud lights.
- **Charging Case:** Houses and charges the earbuds, features a USB-C charging port and an LED digital display.
- **LED Digital Display:** Shows the charging case's battery percentage and individual earbud charging status (L/R battery bars).

*Image: An overview of the Cillso H97 Wireless Earbuds highlighting key features like Bluetooth 5.4, clear calls, Hi-Fi sound, comfort, IPX7 waterproof, 40H playtime, USB-C charging, and LED display.*
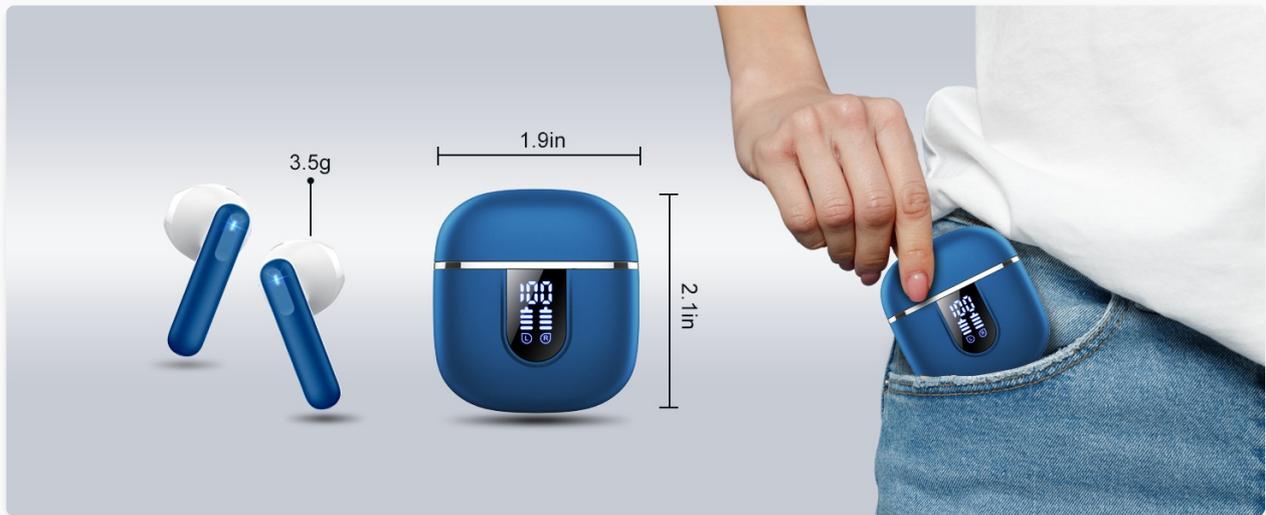


*Image: The earbuds and charging case with their dimensions and weight, illustrating their compact and lightweight design.*

# 4. Setup

## 4.1 Initial Charging

Before first use, fully charge the earbuds and the charging case.

1. Place both earbuds into the charging case.
2. Connect the USB-C charging cable to the charging port on the case and a standard 5V/1A or 5V/2A USB power adapter.
3. The LED display on the case will show the charging progress. A full charge for the case takes approximately 1.5 hours.
4. The earbud battery indicators on the LED display will show charging status for each earbud.

**Note: Please use a standard 5V/1A or 5V/2A charger. Using non-standard chargers may cause charging issues or damage.**

## Enjoy the long Battery Life

To ensure the best charging experience, please use the standard charger (5V/1A; 5V/2A) to charge the case. If you encounter charging issues, switch to a certified standard charger.

**40** Hrs
with charging case

**8** Hrs
playback per charge

**1.5** Hrs
charge time

Case Power
Dispaly

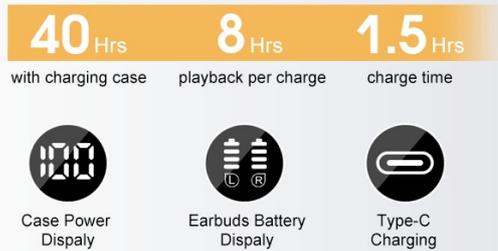Earbuds Battery
Dispaly

Type-C
Charging

*Image: Details on battery life (40 hours with case, 8 hours per charge) and charging time (1.5 hours), along with the LED display for battery status.*

## 4.2 Bluetooth Pairing

The earbuds feature a Hall sensor for automatic pairing.

1. **First-time Pairing:** Open the charging case. The earbuds will automatically power on and enter pairing mode.
2. On your device (smartphone, tablet, laptop), enable Bluetooth and search for available devices.
3. Select "H97" from the list of devices to connect. Once connected, you will hear a confirmation tone.
4. **Automatic Reconnection:** After the initial pairing, the earbuds will automatically connect to the last paired device when the charging case is opened (within 15 meters).
5. **Single Earbud Mode:** You can use either the left or right earbud independently. Simply take one earbud out of the case, and it will connect. If you take out the other earbud, they will automatically switch to binaural mode. To use a single earbud, place the other back into the charging case.

### NO Wires NO Stopping You

**Under Single Ear Mode**

L or R
Single Ear Mode

Whichever earphone you use, take out another earphone, they will automatically connect and convert to binaural mode

**In Binaural Mode**

L or R
Binaural Mode

Put any earphone back into the charging box and the other earphone continues to wor

Binaural Mode

Single Ear Mode

Single Ear Mode

22:19

← Bluetooth

Bluetooth

Currently visible to nearby devices.

PAIRED DEVICES

H97

*Image: An illustration explaining how to use the earbuds in single earbud mode or binaural (stereo) mode, and how they automatically switch.*

## 5. OPERATING INSTRUCTIONS

## 5.1 Touch Controls

The Cillso H97 earbuds feature sensitive touch controls on each earbud. The functions are as follows:

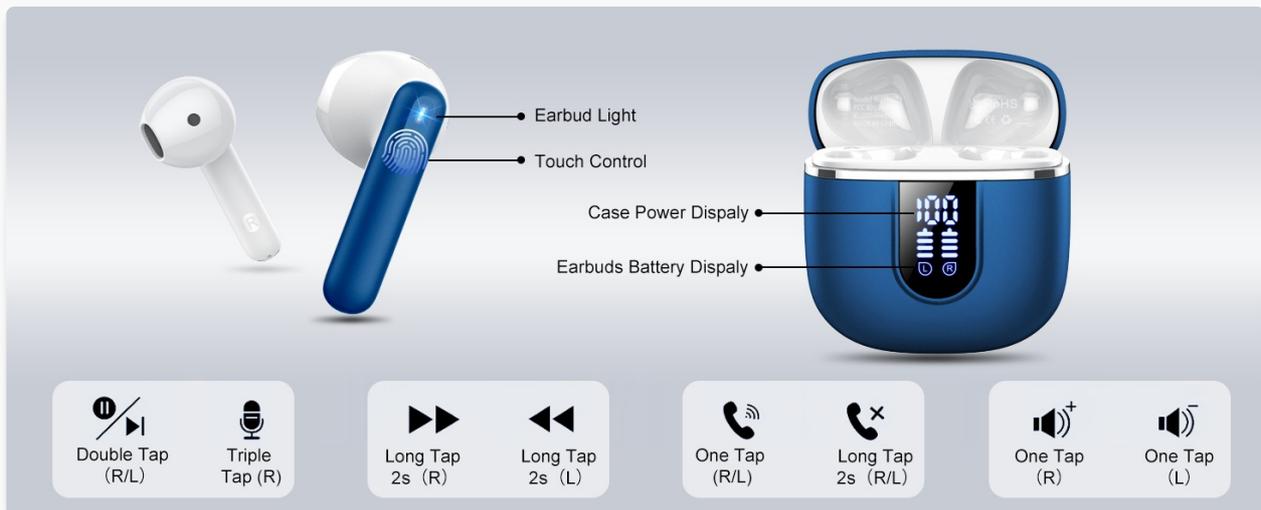| Action | Function |
| --- | --- |
| Double Tap (L/R) | Play/Pause music |
| One Tap (L/R) | Answer/End Call |
| Long Press 2s (L/R) | Reject Call |
| Long Tap 2s (R) | Next Song |
| Long Tap 2s (L) | Previous Song |
| One Tap (R) | Volume Up |
| One Tap (L) | Volume Down |
| Triple Tap (R) | Activate Voice Assistant |



*Image: A diagram illustrating the various touch control gestures for managing music playback, calls, and voice assistant functions.*

## 5.2 Wearing the Earbuds

For optimal sound quality and comfort, ensure the earbuds are properly seated in your ears.

- Identify the Left (L) and Right (R) earbuds.
- Gently insert each earbud into your ear canal.
- Adjust the angle until it feels secure and comfortable. The ergonomic design is intended to fit the contours of most ear canals.

## Comfortable and Stylish Fit

The earbuds are ergonomically designed with soft earbud tips that fit 99 per cent of the contours of the ear canal.

*Image: Diagrams showing the ergonomic design and recommended angles for wearing the earbuds for a secure and comfortable fit.*

## 5.3 Wide Compatibility

The Cillso H97 Wireless Earbuds are compatible with a broad range of Bluetooth-enabled devices.

- **Operating Systems:** Android 4.4+ and iOS 8.0+
- **Bluetooth Version:** Bluetooth 4.0 or later
- **Devices:** Smartphones (iPhone, Samsung Galaxy, Huawei, Xiaomi, etc.), tablets, and laptops.



Phone  Tablet

Laptop  Desktop

*Image: Icons representing compatibility with phones, tablets, laptops, and desktops, showing the earbuds connected to a smartphone.*

## 6. Maintenance and Care

## 6.1 Cleaning

- Regularly clean the earbuds and charging case with a soft, dry, lint-free cloth.
- Do not use abrasive cleaners, alcohol, or chemical sprays.
- Ensure charging contacts on both earbuds and case are clean and dry for proper charging.

## 6.2 Storage

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

## 6.3 Water Resistance (IPX7)

The earbuds are rated IPX7 waterproof, meaning they can withstand immersion in water up to 1 meter for 30 minutes. This protects them from sweat, rain, and splashes.

- Do not intentionally submerge the charging case, as it is not waterproof.
- Ensure earbuds are completely dry before placing them back into the charging case to prevent damage to the charging contacts.
- Avoid using the earbuds in saunas, steam rooms, or during diving.



### IP7 Waterproof

Nano-coating blocks rain and sweat from affecting the earbuds and protects the internal components from damage

*Image: An earbud with water splashing on it, illustrating its IPX7 waterproof capability.*

## 6.4 Over Current Protection (OCP)

The charging case is equipped with Over Current Protection technology to prevent issues such as overheating, melting, or fire caused by prolonged high current from an external power source. When the current exceeds the power limit, the power source will immediately cut off output to protect the circuitry and device.



### Dueable Craftsmanship

To prevent issues such as overheating, melting, or fire caused by **prolonged high current** from an external power source charging the case, this product is equipped with OCP **(Over Current Protection)** technology.

When the current exceeds the power limit, the power source will immediately **cut off** output to protect the circuitry and device.

*Image: The charging case and earbuds, highlighting the durable craftsmanship and Over Current Protection*

*(OCP) technology.*

## 7. TROUBLESHOOTING

If you encounter any issues with your Cillso H97 Wireless Earbuds, please refer to the following common problems and solutions:

- **No Sound** / **Disconnection:**
  - Ensure earbuds are charged.
  - Check if Bluetooth is enabled on your device and if "H97" is selected.
  - Move closer to your device to ensure you are within the 15-meter Bluetooth range.
  - Try unpairing and re-pairing the earbuds with your device.

- **Earbuds Not Charging:**
  - Ensure the charging case is charged.
  - Check that the earbuds are correctly seated in the charging case and the charging contacts are clean.
  - Verify the USB-C cable and power adapter are working correctly and meet the 5V/1A or 5V/2A standard.

- **Only One Earbud Working:**
  - Place both earbuds back into the charging case, close the lid, wait a few seconds, then open the lid and take them out together.
  - Ensure both earbuds are charged.
  - If the issue persists, try resetting the earbuds (refer to the full user manual if a specific reset procedure is available, otherwise, unpair and re-pair).

- **Touch Controls Not Responding:**
  - Ensure your fingers are clean and dry.
  - Try restarting the earbuds by placing them in the case and taking them out again.

If these steps do not resolve your issue, please contact customer support.

## 8. SPECIFICATIONS

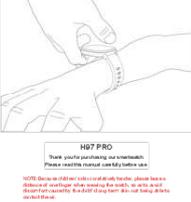| Feature | Detail |
| --- | --- |
| Model Name | H97 |
| Brand | Cillso |
| Connectivity Technology | Wireless (Bluetooth) |
| Bluetooth Version | 5.4 |
| Bluetooth Range | 15 Meters |
| Audio Driver Size | 13mm (from description, spec says 14.2mm, using 13mm as it's consistent with marketing) |
| Frequency Response | 20Hz - 20kHz (from description) |

| Feature | Detail |
| --- | --- |
| Sensitivity | 110 dB |
| Impedance | 32 Ohm |
| Earbud Battery Life | Up to 8 hours |
| Total Playback Time (with case) | Up to 40 hours |
| Charging Time (Case) | Approx. 1.5 hours |
| Charging Port | USB-C |
| Water Resistance Rating | IPX7 (Earbuds) |
| Earbud Weight | 3.5 grams (each) |
| Charging Case Weight | 32 grams |
| Compatible Devices | iOS 9.0+/Android 5.0+ with Bluetooth 4.0+ |
| Control Method | Touch |

## 9. WARRANTY AND SUPPORT

Cillso products are designed for reliability and performance. For warranty information and customer support, please refer to the warranty card included in your product packaging or visit the official Cillso website.
If you have any questions or require assistance, please do not hesitate to contact our customer service team.

**Related Documents - H97**

**H97-PRO**

Motherboard

[ASUS H97-PRO Motherboard User Manual and Specifications](#)
Comprehensive user manual for the ASUS H97-PRO motherboard, detailing installation, BIOS setup, software support, and specifications. Learn about features and configuration for your PC build.

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**RF TEST REPORT**

[Shenzhen Enle Industry Co., Ltd. A90 Pro Wireless Earbuds RF Test Report](#)
This report details the RF testing conducted on the Shenzhen Enle Industry Co., Ltd. A90 Pro wireless earbuds. It covers various test items including Dwell Time, Frequency Tolerance, Antenna and EIRP Power, Occupied Bandwidth, Transmitter Spurious Emissions, Receiver Spurious Emissions, and Interference Prevention Function, all performed according to specified standards.

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**KIDS FITNESS WATCH OPERATING GUIDE**

**H97 PRO**

[H97 PRO Kids Fitness Watch Operating Guide](#)
This operating guide provides instructions for the H97 PRO Kids Fitness Watch, covering setup, functions, troubleshooting, and product parameters. Learn how to connect to your smartphone, use various features like step counting, heart rate monitoring, and sports modes, and understand the device's specifications and FCC compliance.

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**ASRock**

**H97M Pro4**
User Manual

[ASRock H97M Pro4 Motherboard User Manual - Installation & Setup Guide](#)
Discover the ASRock H97M Pro4 motherboard with this comprehensive user manual. Learn about its specifications, installation steps, software utilities, and BIOS/UEFI configuration for optimal system performance.

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**SHANGZHAOYUAN**

**H97 STRONG**
User Manual
(English)

[SHANGZHAOYUAN H97 STRONG User Manual](#)
User manual for the SHANGZHAOYUAN H97 STRONG motherboard, detailing specifications, component overview, installation guides for CPU, RAM, and expansion cards, back panel connectors, internal connectors, SATA and M.2 slots, and BIOS setup.

Intel® Desktop Compatibility Tool

Found 304 Compatible Board(s) for Processor i7-4790K

MSI Z97S SLI PLUS | Chipset: Z97  Form Factor: ATX
More Information

| AA Rev | Min. BIOS | Specs |
| Z97S SLI PLUS | v1.0 | GR21B |

MSI Z97M-G43 | Chipset: Z97  Form Factor: microATX
More Information

| AA Rev | Min. BIOS | Specs |
| Z97M-G43 | v1.0 | GR21B |

MSI Z97M GAMING | Chipset: Z97  Form Factor: microATX
More Information

| AA Rev | Min. BIOS | Specs |
| Z97M GAMING | v1.0 | GR21B |

MSI Z97I GAMING AC | Chipset: Z97  Form Factor: Mini-ITX
More Information

| AA Rev | Min. BIOS | Specs |
| Z97I GAMING AC | v1.0 | GR21B |

MSI Z97I AC | Chipset: Z97  Form Factor: Mini-ITX
More Information

| AA Rev | Min. BIOS | Specs |
| Z97I AC | v4.0 | GR21B |

MSI Z97-GD65 GAMING | Chipset: Z97  Form Factor: ATX
More Information

[Intel Desktop Compatibility Tool: Motherboard Compatibility for Intel Processors](#)
Find compatible motherboard models for Intel processors, including detailed specifications for chipsets like Z97, Z87, H97, H87, H81, and B85 from manufacturers such as MSI, Gigabyte, ASUS, ASRock, ECS, and Biostar.