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> Moondrop x Wuthering Waves U.C.T.S. Gaming Headset User Manual

## Moondrop U.C.T.S.

# Moondrop x Wuthering Waves U.C.T.S. Gaming Headset User Manual

Model: U.C.T.S. | Brand: Moondrop

## INTRODUCTION

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The Moondrop x Wuthering Waves U.C.T.S. is an Ultra HiFi Sound Open Wireless System (OWS) headset designed for gaming and high-fidelity audio. It features hybrid dual drivers, AI noise cancelling, LHDC-V transmission, and LE Audio support. This manual provides essential information for the proper use and care of your U.C.T.S. headset.



Image: The Moondrop x Wuthering Waves U.C.T.S. gaming headset with its cylindrical charging case.

## WHAT'S IN THE BOX

Verify that all items are present in the package:

- Earbuds (Left and Right)
- Charging Case
- USB-C Charging Cable (not explicitly listed but standard)
- Manual
- Wearing Instruction
- Guidance Card
- Service Card
- Collaboration Badge x2
- Laser Ticket x2
- Lanyard x1

## U.C.T.S.HYBRID DUAL DRIVERS OWS

Microfiber Wooden-diaphragm Dynamic Driver  
+ Miniature Planar Treble Driver

LHDC-V HiFi Transmission | AI Noise Cancelling



COLLABORATION INFO: FULLY REVEALED

Image: The complete package contents, including the headset, charging case, and various collaboration merchandise.

## SETUP

### 1. Initial Charging

Before first use, fully charge the earbuds and charging case. Connect the USB-C cable to the charging port on the case and to a power source. The earbuds will charge automatically when placed inside the case.

- Earbud Charging Time: Approximately 1.7 Hours
- Charging Case Charging Time: Approximately 2 Hours



U.C.T.S. has adopted a rotary charging case inspired by game settings and has made numerous improvements based on user feedback from previous products. These enhancements focus on the details of parts and components, providing you with a silky smooth experience.

To optimize the quality of wireless transmission, the MOONDROP RF engineering team developed a new antenna through simulation and extensive experimentation. This advancement has significantly improved the traditional instability commonly found in ear clip headphones.

The new configuration features special diaphragm coaxial dual drivers and a flagship chip, along with the advanced LHDC-V high-quality transmission protocol, delivering HiFi OWS sound quality.

Image: The charging case opened, revealing the earbuds securely placed inside for charging.

## 2. Bluetooth Pairing

1. Ensure the earbuds are charged and placed in the charging case.
2. Open the charging case. The earbuds will enter pairing mode automatically.
3. On your device (smartphone, tablet, computer), enable Bluetooth and search for available devices.
4. Select "Moondrop U.C.T.S." from the list of found devices to connect.
5. For LC3 codec, connect to "Moondrop U.C.T.S.-LEA" after activating it in the app.

### 3. Moondrop App Installation

For full customization and advanced features, download the Moondrop App. The app allows you to adjust sound settings, customize touch controls, and manage dual-device connectivity.

- Android users: Download from [moondroplab.com](http://moondroplab.com) or Google Play Store.
- iOS users: Download from the App Store.

## Build-in Tune Sharing and Downloading Community

Users can upload their own tuning configurations and share them with others\*, or download tuning optimizations created by fellow users for various headphones, which can then be applied to the hardware of U.C.T.S.

The built-in tuning sharing and downloading community enables both professionals and music enthusiasts to leverage advanced online interactive DSP features. This allows users to adjust the tuning of U.C.T.S. freely, enhancing the advanced playability.



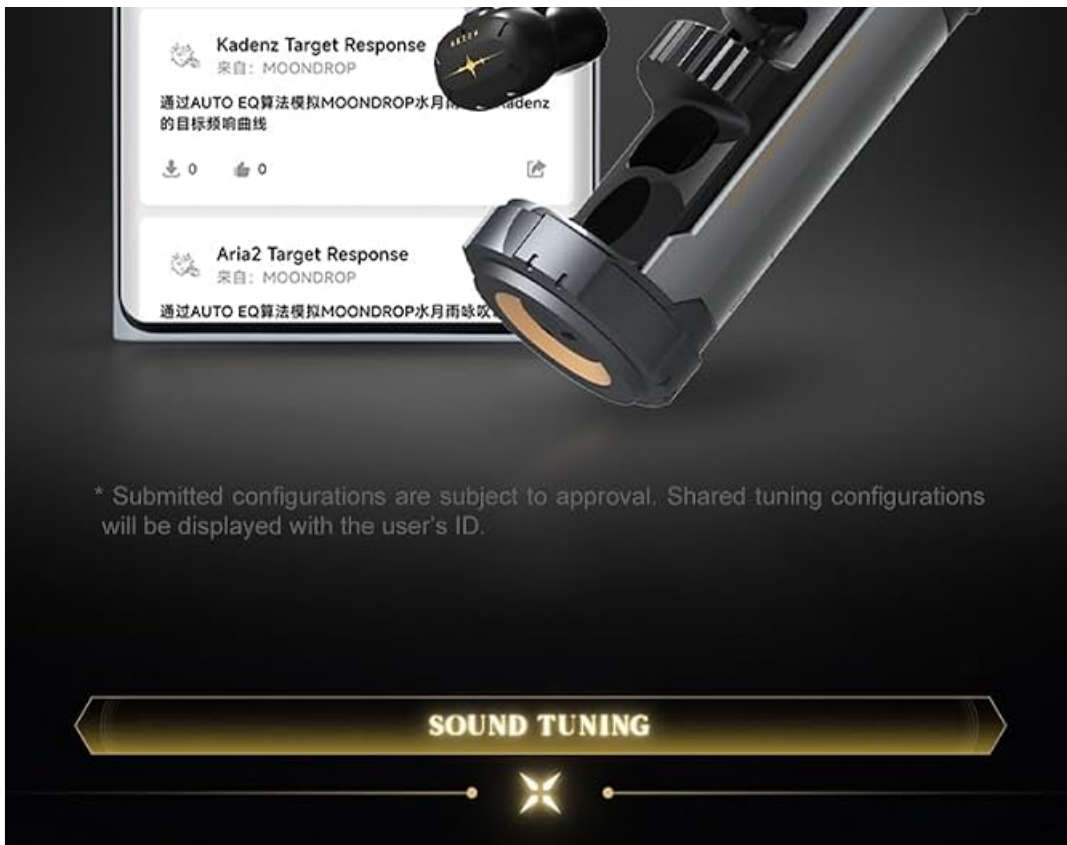


Image: A smartphone displaying the Moondrop U.C.T.S. application interface, showing earbud status and settings.

## OPERATING INSTRUCTIONS

### Wearing the Earbuds

The U.C.T.S. earbuds feature a C-shaped bridge design for comfortable and secure open-ear placement. Ensure the earbuds are positioned correctly over your ears for optimal sound and stability.



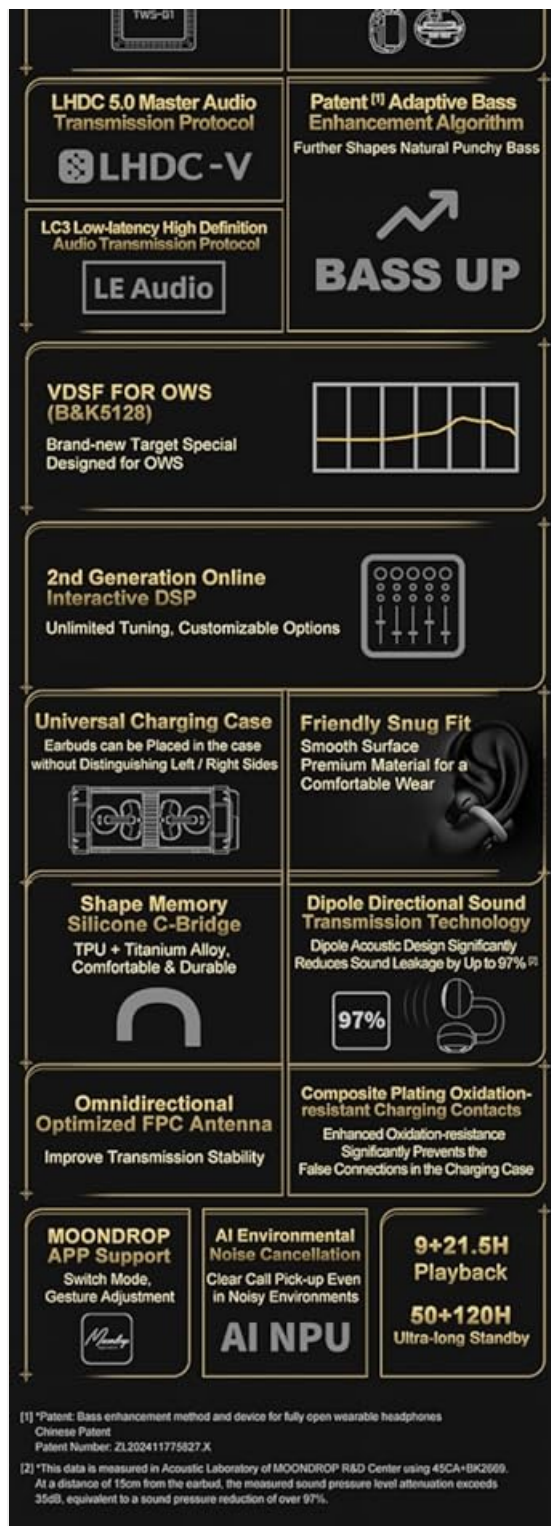


Image: A user wearing the Moondrop U.C.T.S. earbuds, demonstrating their open-ear fit.

## Touch Controls

The earbuds feature touch-sensitive areas for control. Default controls include:

- **Double Tap:** Play/Pause audio.
- **Triple Tap (Left):** Previous song.
- **Triple Tap (Right):** Next song.
- **Four Taps:** Switch between Low Latency Game Mode and High-Fidelity Music Mode.

Customization of touch controls is available through the Moondrop App.

## Sound Modes

- **Low Latency Game Mode:** Provides a 55ms low-latency experience, suitable for gaming. Activate by four taps on the earbud.
- **High-Fidelity Music Mode:** Standard audio mode for music playback.

## Dual-Device Connectivity

The U.C.T.S. supports simultaneous connection to two devices. Switch between connected devices using the Moondrop App for a seamless experience.

## AI Noise Cancelling (ENC)

Equipped with a built-in NPU core and an AI ENC algorithm, the headset effectively reduces environmental noise during calls, enhancing vocal clarity.

## Dipole Directional Sound Transmission

This technology minimizes sound leakage by directing sound towards the ear canal, reducing up to 97% of sound leakage at 15cm from the ear.

## MAINTENANCE

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### Charging

Recharge the earbuds by placing them in the charging case. Recharge the case using a USB-C cable. Regular charging ensures optimal battery performance.

- Earbud Battery Life: Approximately 9 hours (AAC)
- Charging Case Battery Life: Approximately 21.5 Hours (AAC)
- Total Playback Time: 9 + 21.5 hours
- Standby Time: 50 + 120 hours

### Cleaning

Gently wipe the earbuds and charging case with a soft, dry, lint-free cloth. Avoid using abrasive materials, alcohol, or chemical cleaners. Do not immerse the device in water.

## TROUBLESHOOTING

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### Connectivity Issues

- **Earbuds not pairing:** Ensure earbuds are charged. Place them in the case, close, then open to re-enter pairing mode. Check your device's Bluetooth settings.
- **App not connecting:** If the Moondrop App struggles to connect, try restarting the app or your device. Ensure Bluetooth is active and the earbuds are connected to your phone.
- **Unstable connection:** Ensure you are within the 10-meter working distance (or up to 40 meters in open environments). Avoid physical obstructions between the earbuds and your device.

### Sound Issues

- **No sound:** Check device volume and earbud battery level. Ensure earbuds are properly connected via Bluetooth.
- **Low volume:** Adjust volume on both your device and through the app.
- **Sound leakage:** Ensure earbuds are correctly positioned on your ears.

## SPECIFICATIONS

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**Product Type:**

Ultra HiFi Sound OWS

**Model:**

MD-OWS-014 (WUTHERING WAVES xMOONDROP U.C.T.S.)

**Bluetooth Version:**

Bluetooth 6.0

**Bluetooth Profiles:**

A2DP/AVRCP/HFP/HSP

**Audio Codec:**

SBC/AAC/LC3/LHDC-V

**Charging Port:**

USB-C

**Working Distance:**

10 Meters (Barrier-free Environment)

**Earbud Capacity:**

3.7V/40mAh

**Charging Case Battery Capacity:**

3.7V/300mAh

**Ear Placement:**

Open Ear

**Form Factor:**

True Wireless

**Connectivity Technology:**

Wireless

## WARRANTY

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This product comes with a **1 Year Warranty** from the date of purchase. Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects but does not cover damage caused by misuse, accidents, or unauthorized modifications.

## SUPPORT

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For further assistance, technical support, or warranty inquiries, please refer to the service card included in your package or visit the official Moondrop store:

[Moondrop Official Store on Amazon](#)