

[Manuals.plus](#) /

› [Moondrop](#) /

› Moondrop Pill Open Ear Headphones User Manual

Moondrop Pill

Moondrop Pill Open Ear Headphones User Manual

Model: Moondrop Pill (MD-0WS-003)

Brand: Moondrop

1. INTRODUCTION

This manual provides detailed instructions for the Moondrop Pill Open Ear Headphones. Please read this manual carefully before using the product to ensure proper operation and maintenance.

What's in the Box

- Pill Open Ear Headphones
- Charging Cable
- User Manual
- Certificate
- Service Card

2. PRODUCT OVERVIEW

Design and Aesthetics

The Moondrop Pill headphones feature a unique conceptual design, with earbuds retracting smoothly into a transparent capsule-shaped charging case. This design emphasizes mechanical aesthetics and futurism.



Image: Moondrop Pill Open Ear Headphones in their transparent, pill-shaped charging case, showcasing the red and white color scheme.

PILL

AI ENC HiFi Sound OWS

Built-in AI ENC
High-quality
Ear-clip Earbuds



Key Features

- **Futurism: Conceptual Design of the Pill Series:** The earbuds retract smoothly into the charging case with a simple push. A twist resets them flawlessly. Encased within a transparent capsule shell, it's full of mechanical aesthetics and futurism.
- **13mm Circular Low-distortion Dynamic Driver:** Features a 13mm circular dynamic driver for linear sound and significantly lower distortion compared to conventional designs. Provides superior bass and dynamic performance.
- **VDSF for OWS (B&K5128) Reference High-quality Tuning:** Utilizes Danish B&K 5128 HATS for precise acoustic tuning, aiming for natural sound reproduction.
- **Dipole Directional Sound Transmission Technology:** Reduces sound leakage by up to 97% at 15 cm from the ear, based on dipole sound source principles.
- **Built-in NPU Hardware-level AI Noise Canceling:** Equipped with a Neuron Processor Unit (NPU) and AI ENC algorithm for effective noise elimination and vocal clarity.
- **Seamless Switching Between Two Devices:** Supports simultaneous connection to two devices, with easy switching via the app.
- **55ms Low Latency Game Mode:** Offers a dedicated low-latency mode for gaming and a high-fidelity mode for music, switchable via touch controls.

Product Video

Your browser does not support the video tag.

Video: An overview of the Moondrop Pill Open Ear Headphones, demonstrating their design, portability, and use in various daily scenarios, including commuting and working.

3. SETUP GUIDE

Charging the Headphones

Before first use, fully charge the Moondrop Pill headphones and their charging case. Connect the provided charging cable to the USB-C port on the case and a power source. The indicator lights on the case will show charging status.

Futurism:

Conceptual Design of the PILL Series

The earbuds retract smoothly into the charging case with a simple push

A twist resets them flawlessly

Encased within a transparent capsule shell

It's full of mechanical aesthetics and futurism

Experience the allure of precision and futuristic design at your fingertips



Image: The Moondrop PILL charging case, highlighting the USB-C charging port on the side.

Pairing with a Device

1. Ensure the headphones are charged and inside the charging case.
2. Open the charging case. The headphones will automatically enter pairing mode.
3. On your device (smartphone, tablet, computer), go to Bluetooth settings.
4. Select "Moondrop Pill" from the list of available devices.
5. Once connected, a confirmation sound will play, and the indicator light on the headphones will change.

Moondrop Link App

For enhanced features and customization, download the Moondrop Link app. The app allows for seamless switching between two connected devices and offers various sound customization options.

4. OPERATING INSTRUCTIONS

Wearing the Headphones

The Moondrop Pill headphones are designed for open-ear wear. Gently clip them onto your ear, ensuring a comfortable and secure fit. The flexible ear clip adapts to various ear shapes.



Image: A person wearing the Moondrop Pill Open Ear Headphones, demonstrating their fit and discreet appearance.

Touch Controls

The Moondrop Pill headphones feature intuitive touch controls for various functions:

- **Play/Pause:** Single tap on either earbud.

- **Next Track:** Double tap on the right earbud.
- **Previous Track:** Double tap on the left earbud.
- **Answer/End Call:** Single tap on either earbud.
- **Reject Call:** Press and hold on either earbud.
- **Activate Voice Assistant:** Triple tap on either earbud.
- **Switch Game/Music Mode:** Specific touch control (refer to app for customization).

Dual-Device Connectivity

The headphones can be connected to two devices simultaneously. Use the Moondrop Link app to manage and switch between connected devices seamlessly.

AI Environmental Noise Cancellation (ENC)

The built-in NPU and AI ENC algorithm work to reduce environmental noise during calls, enhancing vocal clarity for both you and the listener.

Low Latency Game Mode

Activate the 55ms low latency game mode via touch controls for a more synchronized audio experience during gaming. Switch back to high-fidelity music mode for optimal audio quality when not gaming.

5. CARE AND MAINTENANCE

Cleaning

Regularly clean your Moondrop Pill headphones and charging case with a soft, dry cloth. Avoid using abrasive materials or harsh chemicals.

Water Resistance

The Moondrop Pill headphones are IPX4 rated, providing protection against splashes and sweat. This makes them suitable for light workouts and outdoor use. Do not submerge the headphones in water.

Hi-Fi Sound in Ear-Clip Design

The Earclip OWS headphones are designed for all-day comfort and are compatible with glasses.

However, many models struggle with poor sound quality.

After extensive user testing and adjustments.

Pill has broken this stereotype with superior sound quality.

It's built on Hi-Fi audio technology, paying close attention to high-fidelity hardware.



Image: Moondrop Pill headphones shown with water droplets, indicating their IPX4 waterproof protection against splashes and sweat.

Storage

When not in use, store the headphones in their charging case to protect them from dust and damage.

6. TROUBLESHOOTING

Common Issues and Solutions

Issue	Possible Cause	Solution
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Issue	Possible Cause	Solution
Headphones not pairing	Low battery, out of range, not in pairing mode.	Ensure headphones are charged. Place them back in the case and open the lid to re-enter pairing mode. Move closer to the device.
No sound or low volume	Device volume too low, headphones not connected, dirty drivers.	Increase device volume. Reconnect headphones. Clean the earbud grilles gently.
Sound leakage	Improper fit, very high volume.	Adjust the fit of the ear clips. Lower the volume. The Dipole Directional Sound Transmission Technology minimizes leakage, but extreme volumes can still cause some.
Poor call quality (mic)	Environmental noise, poor connection.	Ensure AI ENC is active. Move to a quieter environment. Check Bluetooth connection stability.
Battery drains quickly	High volume usage, frequent game mode use.	Reduce volume. Limit continuous use of game mode. Ensure headphones are properly seated in the charging case when not in use.

If the issue persists, please refer to the official Moondrop support resources.

7. TECHNICAL SPECIFICATIONS

Feature	Detail
Connectivity Technology	Wireless (Bluetooth 6.0)
Driver Type	13mm Circular Low-distortion Dynamic Driver
Noise Cancellation	Built-in NPU Hardware-level AI ENC
Water Resistance	IPX4
Latency	55ms (Game Mode)
Dual Device Connectivity	Yes
Model Name	Pill
Item Model Number	MD-0WS-003
Color	RED
Ear Placement	Open Ear
Item Weight	4.6 ounces
Manufacturer	MOONDROP
Date First Available	May 16, 2025

8. WARRANTY AND SUPPORT

Warranty Information

For detailed warranty information, please refer to the certificate and service card included in your product packaging. Keep your proof of purchase for warranty claims.

Customer Support

If you encounter any issues or have questions not covered in this manual, please contact Moondrop customer support. Visit the official Moondrop website for contact details and further assistance.

You may also consider purchasing extended protection plans for additional coverage, if available.

[Visit the Moondrop Store on Amazon](#)

