

[Manuals.plus](#) /

> [Moondrop](#) /

> Moondrop CHU II DSP In-Ear Monitors User Manual

Moondrop CHU II DSP

Moondrop CHU II DSP In-Ear Monitors User Manual

Model: CHU II DSP

INTRODUCTION

The Moondrop CHU II DSP In-Ear Monitors are designed to deliver high-performance audio with a dynamic driver and USB-C connectivity. These monitors feature an aluminum-magnesium alloy composite diaphragm for extended treble bandwidth and subtle detail reproduction. The integrated DSP allows for precise sound tuning, offering three bass preset tunings adjustable via the MOONDROP LINK APP. The durable alloy casting cavity and brass CNC acoustic nozzle contribute to sound stability and longevity. The interchangeable cable design provides versatility for various usage scenarios.



Image: Moondrop CHU II DSP In-Ear Monitors with their USB-C cable.

WHAT'S IN THE BOX

Carefully unpack your Moondrop CHU II DSP In-Ear Monitors. The package should contain the following items:

- Earphones (Left and Right)
- Wearing Card
- Certificate
- Manual
- USB-C Cable with Microphone
- Leather Case
- Ear-tips (S, M, L sizes)



Image: All items included in the Moondrop CHU II DSP product package.

SETUP

1. Attaching the Cable

1. Identify the left (L) and right (R) earphones and the corresponding connectors on the 0.78mm-2pin cable.

2. Align the pins on the cable with the sockets on the earphones.
3. Gently push the cable connectors into the earphone sockets until they are securely seated. Do not force them.

2. Selecting Ear-tips

1. Choose the ear-tip size (S, M, or L) that provides the most comfortable and secure fit in your ear canal. A proper seal is crucial for optimal sound quality, especially bass response.
2. Gently attach the selected ear-tips to the acoustic nozzle of the earphones.

3. Connecting to a Device

1. Plug the USB-C connector of the cable into the USB-C port of your audio source device (e.g., smartphone, tablet, computer).
2. Ensure the connection is firm. The earphones are now ready for use.



Image: Detailed view of the earphone and the USB-C cable connector.



Image: Moondrop CHU II DSP earphone connected to a smartphone via USB-C.

OPERATING INSTRUCTIONS

Wearing the Earphones

Insert the earphones into your ears, ensuring a snug fit. The cable is designed to loop over your ears for added stability and comfort. Adjust the ear-tips as needed to achieve a good seal and prevent sound leakage.



Image: A person demonstrating the correct way to wear the Moondrop CHU II DSP earphones.

Audio Playback

Once connected, your device should recognize the earphones as an audio output. Begin playing audio from your preferred application. Use your device's volume controls to adjust the listening level.

Using the Microphone

The integrated microphone allows for hands-free calls and voice commands. Ensure your device is configured to use the earphone's microphone for input during calls or when using voice assistants.

DSP Tuning via MOONDROP LINK APP

The CHU II DSP features three built-in bass preset tunings. To switch between these tunings and customize your sound experience, download and use the official MOONDROP LINK APP on your compatible device. Follow the in-app instructions to adjust the DSP settings to your preference.

KEY FEATURES

- **Aluminum-Magnesium Alloy Dome Composite Diaphragm:** This diaphragm material offers high rigidity and light weight, extending treble bandwidth and revealing subtle audio details.
- **Alloy Casting Cavity:** The acoustic cavity is manufactured using MOONDROP's alloy casting

technology, providing rigidity and a fine texture. A durable paint layer protects the metal shell from corrosion.

- **Acoustic Design + DSP Accurate Tuning:** Features three bass preset tunings, switchable via the MOONDROP LINK APP, allowing users to customize bass performance.
- **Brass CNC Acoustic Nozzle:** The nozzle is a separate brass CNC component, offering high precision, density, and stability for beautiful timbre.
- **Interchangeable Cable Design:** Utilizes a universal 0.78mm interchangeable cable, enabling users to replace the cable or use Bluetooth neckbands/TWS ear-hooks for different scenarios.



Aluminum-Magnesium Alloy Dome Composite Diaphragm

As a dome diaphragm material, Al-Mg alloy exhibits high rigidity and light weight, which was commonly limited to high-end headphone, thereby extending the treble bandwidth and revealing more subtle details.

The diaphragm suspension is composed of two polymer materials with differing characteristics, resulting in a punchier bass and greatly reduced nonlinear distortion.



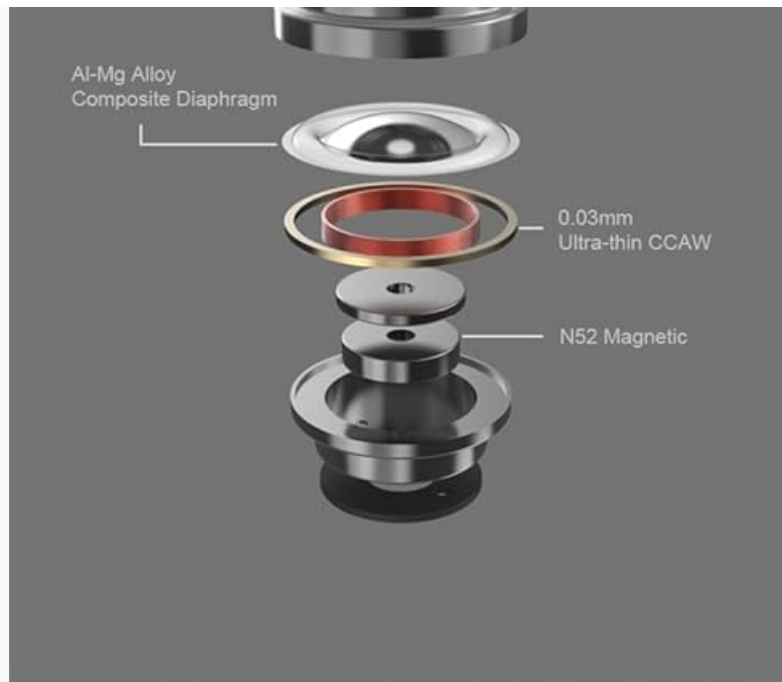


Image: Exploded view illustrating the components of the Aluminum-Magnesium Alloy Dome Composite Diaphragm.

Product Overview Video

Video: An official product video showcasing the Moondrop CHU II DSP Headphones and their features.

MAINTENANCE

Cleaning the Earphones and Ear-tips

- Regularly clean the earphones and ear-tips to maintain hygiene and sound quality.
- Remove the ear-tips and wash them with mild soap and water. Rinse thoroughly and allow them to dry completely before reattaching.
- Wipe the earphone bodies with a soft, dry, lint-free cloth. Avoid using harsh chemicals or abrasive materials.
- Gently remove any earwax or debris from the acoustic nozzle using a small brush or cleaning tool.

Cable Care

- Avoid sharp bends or excessive pulling on the cable to prevent damage.
- When not in use, store the cable neatly, preferably in the provided leather case, to prevent tangling and wear.

Water Resistance

These earphones are **Not Water Resistant**. Avoid exposure to water, sweat, or high humidity to prevent damage to the internal components.

TROUBLESHOOTING

No Sound or Low Volume

- Ensure the USB-C cable is securely connected to both the earphones and your device.
- Check the volume level on your audio source device.

- Verify that the correct audio output device is selected on your computer or smartphone.
- Test with different audio files or applications.
- Ensure ear-tips provide a proper seal in your ears.

Distorted Sound

- Reduce the volume on your device.
- Check for debris in the earphone nozzles that might be obstructing sound.
- Ensure the cable connections are firm.
- If using the MOONDROP LINK APP, try resetting DSP settings to default or adjusting them.

Microphone Not Working

- Ensure the cable with the microphone is correctly attached.
- Check your device's audio input settings to confirm the earphone's microphone is selected.
- Test the microphone with a different application or device.

SPECIFICATIONS

Feature	Specification
Model	CHU II DSP
Cavity Material	ZN Alloy
Driver	10mm High-Performance Dynamic Driver
Diaphragm	Aluminum-Magnesium Alloy Composite Diaphragm
Cable Jack	0.78mm-2pin
Plug	USB-C
Frequency Response Range	15Hz-38kHz
Effective Frequency Response	20Hz-20kHz (IEC60318-4,-3dB)
THD	≤0.5% (@1kHz 94dB)
Impedance	18 Ohms
Sensitivity	119 dB
Connectivity Technology	Wired
Noise Control	Sound Isolation
Item Weight	0.12 Kilograms
Water Resistance Level	Not Water Resistant

WARRANTY AND SUPPORT

Warranty Information

The Moondrop CHU II DSP In-Ear Monitors come with a **1-year manufacturer's warranty**. Please retain

your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use.

Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please visit the official Moondrop website or contact their customer support directly. You may also refer to the product page on Amazon for additional resources and seller contact information.

Online Resources:

- Moondrop Official Website: www.moondroplab.com (Please check for the most current URL)
- Amazon Product Page: amazon.com/dp/B0CRP76PVM