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> [nwm ONE Wireless Open-Ear Headphones User Manual](#)

nwm MBH001KA

nwm ONE Wireless Open-Ear Headphones User Manual

Model: MBH001KA | Brand: nwm

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1. INTRODUCTION

Thank you for purchasing the nwm ONE Wireless Open-Ear Headphones. These headphones are designed to provide a unique audio experience, allowing you to enjoy high-quality sound while remaining aware of your surroundings. Featuring advanced PSZ (Personalized Sound Zone) technology to minimize sound leakage and a comfortable open-ear design, the nwm ONE offers a blend of personal audio and environmental awareness. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device.

2. SAFETY INFORMATION

Please read all safety warnings and instructions carefully before using this product to prevent injury or damage. Keep this manual for future reference.

- **Hearing Safety:** Avoid listening at high volume levels for extended periods to prevent hearing damage.
- **Environmental Awareness:** The open-ear design allows ambient sound. Exercise caution in situations requiring full attention, such as driving, cycling, or walking in traffic.
- **Water Resistance:** This product is **not water resistant**. Avoid exposure to water, rain, or excessive moisture.
- **Temperature:** Do not expose the headphones to extreme temperatures (hot or cold) or direct sunlight for prolonged periods.
- **Cleaning:** Use a soft, dry cloth for cleaning. Do not use liquid cleaners or aerosols.
- **Disassembly:** Do not attempt to disassemble, repair, or modify the headphones. This will void the warranty and may cause damage.
- **Battery:** The headphones contain a built-in rechargeable lithium-ion battery. Do not attempt to replace the battery yourself. Dispose of batteries according to local regulations.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- nwm ONE Wireless Open-Ear Headphones (Dark Gray)
- USB Type-C Charging Cable
- Quick Start Guide (may be separate)
- Safety and Warranty Information (may be separate)

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your nwm ONE headphones.

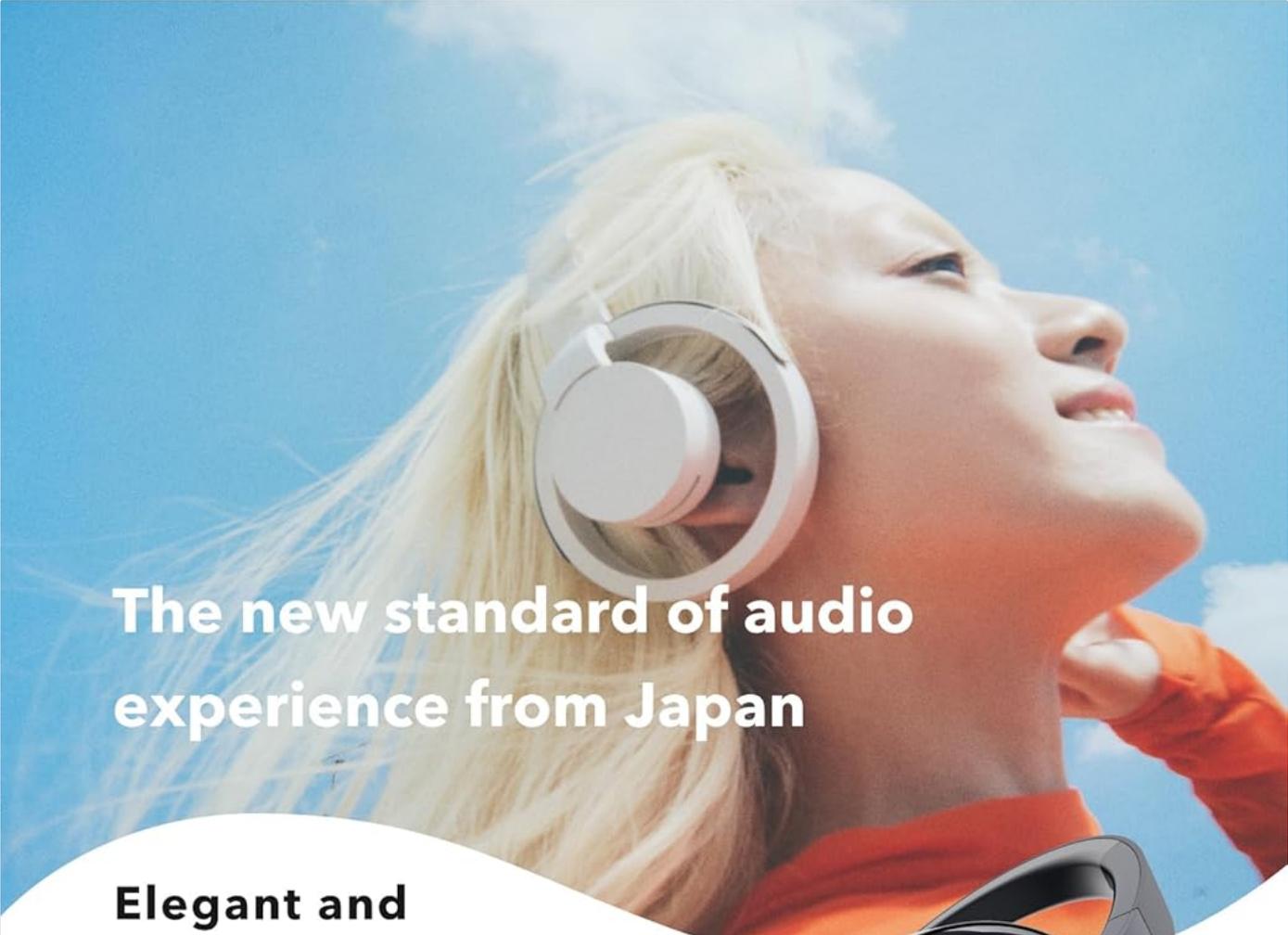


Image 4.1: The nwm ONE Wireless Open-Ear Headphones in Dark Gray, showcasing their unique open-ear design and sleek finish.

4.1 Headphone Components

- **Earcups:** Feature the open-ear design with integrated 12mm tweeter and 35mm woofer drivers.

- **Headband:** Connects the earcups, designed for a comfortable and lightweight fit.
- **Control Buttons:** Typically located on one earcup for power, volume, playback, and call management. (Refer to Quick Start Guide for exact button layout).
- **USB Type-C Port:** For charging and wired audio connection.
- **Microphone:** Integrated for calls and voice commands, enhanced by Magic Focus Voice technology.



The new standard of audio experience from Japan

Elegant and Minimalistic

Experience seamless audio with a dual loop design, blending your sound with the world around you. Featuring PSZ technology, fully open design with minimal sound leakage.



Discover rich, full-bodied sound through the 2way driver.

Enjoy exceptional spatial sounds and a wide frequency range, delivering a premium open-ear experience like never before.



Image 4.2: An exploded diagram illustrating the internal components of the nwm ONE earcup, highlighting the 12mm tweeter and 35mm woofer drivers responsible for rich sound reproduction.

5. SETUP

5.1 Charging the Headphones

Before first use, fully charge your headphones.

1. Connect the supplied USB Type-C cable to the charging port on the headphones.
2. Connect the other end of the cable to a USB power adapter (not included) or a computer's USB port.
3. The LED indicator will show charging status (refer to Quick Start Guide for specific LED behavior).
4. A full charge takes approximately [X] hours and provides up to 20 hours of playback time. A 5-minute charge can provide 1 hour of playback.

5.2 Bluetooth Pairing

The nwm ONE headphones support Bluetooth 5.3 and multipoint connectivity.

5.2.1 Initial Pairing

1. Ensure the headphones are powered off.
2. Press and hold the Power button for approximately [X] seconds until the LED indicator flashes [color/pattern], indicating pairing mode.
3. On your device (smartphone, tablet, computer), enable Bluetooth and search for available devices.
4. Select "nwm ONE" from the list of found devices.
5. Once connected, the LED indicator will change to [color/pattern].

5.2.2 Multipoint Connection

To connect to two devices simultaneously:

1. Pair the headphones with the first device as described in 5.2.1.
2. Disable Bluetooth on the first device.
3. Put the headphones back into pairing mode.
4. Pair the headphones with the second device.
5. Re-enable Bluetooth on the first device. The headphones should now be connected to both devices.

5.3 USB Audio Connection

The headphones can also be used as a wired audio device via the USB Type-C cable.

1. Connect the USB Type-C cable to the headphones.
2. Connect the other end to a compatible USB audio output port on your computer or device.
3. The device should automatically recognize the headphones as an audio output.

5.4 nwm Connect Application

Download the dedicated "nwm Connect" application for additional functionalities, including equalizer adjustments and firmware updates.

- Search for "nwm Connect" in your device's app store (iOS App Store or Google Play Store).
- Install the application and follow the on-screen instructions to connect your headphones.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

- **Power On:** Press and hold the Power button for [X] seconds.
- **Power Off:** Press and hold the Power button for [X] seconds.

6.2 Basic Controls

The control buttons allow for easy management of audio and calls.

Action	Button/Gesture	Function
Power On/Off	Press and hold Power button	Turns headphones on or off.
Play/Pause	Single press Multi-function button	Plays or pauses audio.
Volume Up	Single press Volume + button	Increases audio volume.
Volume Down	Single press Volume - button	Decreases audio volume.
Next Track	Double press Multi-function button	Skips to the next song.
Previous Track	Triple press Multi-function button	Skips to the previous song.
Answer/End Call	Single press Multi-function button	Answers an incoming call or ends an active call.
Reject Call	Press and hold Multi-function button	Rejects an incoming call.
Activate Voice Assistant	Press and hold Multi-function button (when not on call)	Activates your device's voice assistant (Siri, Google Assistant, etc.).

6.3 PSZ (Personalized Sound Zone) Technology

The nwm ONE headphones utilize proprietary PSZ technology to encapsulate sound, minimizing leakage to the surroundings while maintaining an open-ear design. This allows you to enjoy your audio privately without disturbing others, even in quiet environments.

Dual-Core Sound Control Technology

PSZ Technology

Encapsulates sound and minimizes sound leakage.





A technology that minimizes sound leakage despite an open-ear design.

Magic Focus Voice

Clearly captures the necessary sounds only



Cuts out surrounding noise, delivering only your voice.

Image 6.1: A visual representation of PSZ technology, showing how sound is contained to minimize leakage, and Magic Focus Voice technology, demonstrating its ability to isolate the user's voice from background noise during calls.

6.4 Magic Focus Voice Technology

During calls or online meetings, NTT's patented Magic Focus Voice technology actively cuts out ambient noise, ensuring that only your voice is clearly transmitted. This reduces stress caused by surrounding noise and improves communication clarity.

6.5 360 Reality Audio Support

The nwm ONE headphones support 360 Reality Audio, providing an immersive audio experience. To utilize this feature, ensure your audio source and content are compatible with 360 Reality Audio.

6.6 LE Audio/Auracast

These headphones are compatible with the next-generation Bluetooth standard, LE Audio/Auracast. This enables new audio sharing capabilities and improved power efficiency. Compatibility with Auracast requires supporting source devices.

7. MAINTENANCE

7.1 Cleaning

- Wipe the headphones with a soft, dry, lint-free cloth.
- Do not use abrasive cleaners, solvents, or chemical agents.
- Avoid getting moisture into any openings.

7.2 Storage

- Store the headphones in a cool, dry place away from direct sunlight and extreme temperatures.
- If storing for an extended period, charge the battery periodically (e.g., every 3 months) to maintain battery health.

7.3 Battery Care

- To prolong battery life, avoid fully discharging the battery frequently.
- Use only the provided USB Type-C cable for charging.

8. TROUBLESHOOTING

If you encounter issues with your nwm ONE headphones, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Headphones do not power on.	Battery is depleted.	Charge the headphones fully.
Cannot pair via Bluetooth.	Headphones not in pairing mode; Bluetooth disabled on device; device too far.	Ensure headphones are in pairing mode. Enable Bluetooth on your device. Move device closer to headphones. Forget previous pairings on your device and try again.
No sound or low volume.	Volume too low; headphones not connected; audio source issue.	Increase volume on both headphones and connected device. Verify Bluetooth connection. Check if audio is playing on the source device.
Sound quality is poor.	Weak Bluetooth signal; audio file quality; equalizer settings.	Move closer to the connected device. Try a different audio source. Adjust equalizer settings via the nwm Connect app.
Microphone not working during calls.	Microphone muted on device; headphones not selected as input.	Check microphone settings on your connected device. Ensure nwm ONE is selected as the audio input.
Sound leakage is noticeable.	Volume too high; improper fit.	Reduce volume. Ensure headphones are positioned correctly on your ears. While PSZ technology minimizes leakage, it does not eliminate it entirely, especially at very high volumes.

9. SPECIFICATIONS

Technical details for the nwm ONE Wireless Open-Ear Headphones.

Feature	Detail
Model Name	MBH001KA
Connectivity Technology	Wireless (Bluetooth), USB Audio
Wireless Communication Technology	Bluetooth 5.3
Bluetooth Range	Up to 30 meters (3E+1 Meters)
Audio Driver Type	Hybrid Driver (12mm tweeter, 35mm woofer)
Frequency Range	20 Hz - 20,000 Hz
Battery Life	Approximately 20 Hours
Charging Time	5 minutes charge for 1 hour playback (full charge time not specified)
Item Weight	185 Grams (6.5 ounces)
Product Dimensions	6.3 x 3.48 x 7.28 inches
Material	Metal, Plastic
Ear Placement	Open Ear
Control Type	Volume Control, App Control
Special Features	PSZ Technology, Magic Focus Voice, 360 Reality Audio, LE Audio/Auracast, Multipoint Connectivity
Water Resistance Level	Not Water Resistant

10. WARRANTY AND SUPPORT

nwm products are manufactured to the highest quality standards. This product is covered by a limited warranty against defects in materials and workmanship. The specific terms and duration of your warranty may vary by region and retailer.

- **Warranty Claims:** For warranty service, please retain your proof of purchase. Contact the retailer from whom you purchased the product or visit the official nwm support website for instructions.
- **Technical Support:** If you experience any issues not covered in the Troubleshooting section, or require further assistance, please visit the nwm official website or contact their customer support team.
- **Online Resources:** For the latest information, FAQs, and firmware updates, please visit the official nwm website: [nwm Official Store on Amazon](#)