

SKI HEADPHONES USER MANUAL

OM-MZ04m



OutdoorMaster OM-MZ04m True Wireless Ski Headphones

Engineered for the Slopes – Physical Buttons for Glove-Friendly Control
Key Upgrades

- **Oversized Physical Buttons**
 - Tactile mechanical buttons (non-touch) work perfectly with gloves
 - Button layout optimized for winter sports use
- **True Wireless 2.0 System**
 - Complete cable-free design for unrestricted movement
 - Magnetic storage case with cold-weather performance (-20°C)
- **Helmet-Compatible Design**
 - 25% slimmer profile fits all ski helmet ear pockets
 - Reduced pressure points for all-day comfort
- **10-Hour Total Battery**
 - More than 10hrs playback
- **Slope-Ready Features**
 - Physical button controls (L/R independent)
 - Bluetooth 5.3 with 10m stable range

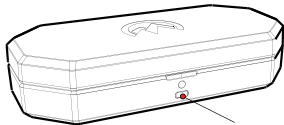
Prototype Tester Feedback:

"During our 2-week mountain tests, the physical buttons proved significantly more reliable than touch controls when wearing gloves."

Designed by skiers, for skiers – your perfect slope companion.

QUICK START

- 1-** Open the Storage case cover (the headset can only enter Bluetooth pairing mode when the cover is open).
- 2-** The indicator light on the headphones flashes white quickly and enters Bluetooth pairing mode.
- 3-** Select "OM MZ04m" on your mobile phone or other device you want to use for pairi
- 4-** The indicator light on the headset slowly flashes white, indicating successful pairing.
- 5-** Now you can use OM-MZ04m to play music or make calls!



Quick Star

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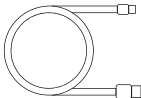
- 1-** A pair of headphones
(placed in the storage case)



- 2-** One Storage case



- 3-** One charging cable



- 4-** User manual



POWER MANAGEMENT

Important Note: The headphones cannot be manually powered off when removed from the storage case.

- **Auto Power-Off:**

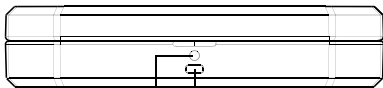
Headphones will automatically shut down after 30 minutes when:

- Not placed in the storage case
- Not connected to any Bluetooth device

- **Battery Conservation:**

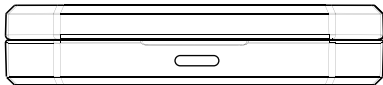
To maximize battery life:

- Disconnect from your device when not in use
- Store headphones in the storage case when idle



Indicator light

Multi-functional button



Charging input port

Check Battery Level:

Briefly press the function button once – the indicator light will display the current charge status.

Bluetooth Pairing Mode:

With the case cover open, press and hold the function button for 5 seconds to:

- Disconnect currently paired devices
- Activate pairing mode for new connections

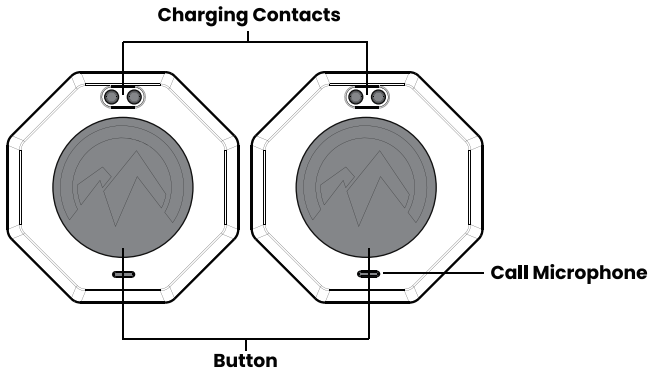
Note: Headphones must be properly seated in the storage case for this function.

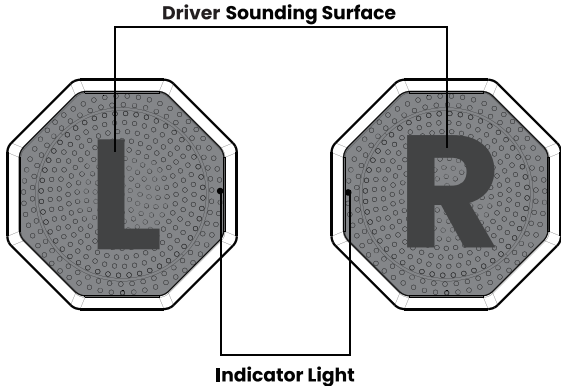
When the storage case is opened, the indicator light shows the battery level of the headphones. When the storage case is closed, it shows the battery level of the case.

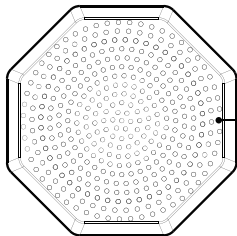
Indicator Light	Battery Status	Recommended Action
Solid Green	High charge (70-100%)	Normal operation
Solid Orange	Medium charge (20-70%)	Consider charging soon
Solid Red	Low charge (below 20%)	Please charge

FUNCTION INSTRUCTIONS

Headphone Structure Description







Blue light flashing fast

- Bluetooth search in progress



Blue light flashing slowly

- Bluetooth connection



Red light flashing fast

- Low power



The red light stays on for a long time

- On charging

TURN ON THE HEADPHONES	When the headphones in the Case, open the charging case lid	
	Long Press Left / Right	
TURN OFF THE HEADPHONES	Place into the charging case and close the lid.	
WHEN AUDIO IS PLAYED	CLICK	Play/Pause
	DOUBLE-CLICK LEFT	Previous song
	DOUBLE-CLICK RIGHT	Next song
WHEN A CALL COMES IN	CLICK	Answer
	DOUBLE-CLICK	Hang up/Decline
CALL VIOCE ASSISTANT	3 CONSECUTIVE CLICKS	Outgoing
	CLICK	Turn off
LONG PRESS LEFT		VOLUME -
LONG PRESS RIGHT		VOLUME +

HEADPHONE PARAMETERS

Bluetooth version	V5.3
Reception distance	10 meters (unobstructed)
Driver size	40mm
Driver impedance	32 ohms+/-15%
Driver frequency Range	F0 ~ 4KH
Battery voltage	3.7V
Battery capacity	205mAh * 2
Charging time	2H
Playback duration	More than 10 hours of single playback on a full charge
Charging method	Contact point
Usage temperature	-4°F to 113°F(-20°C to 45°C)

CHARGE COMPARTMENT PARAMETERS

Battery voltage	3.7V
Battery capacity	190mAh
Input voltage	5V
Input current	200mA
Charging temperature	32°F to 113°F (0°C to 45°C)
Charging time (Including the charging duration of the headphones.)	About 3.5 hours
Usage temperature	14°F to 140°F (-10°C to 60°C)

PLEASE READ AND KEEP ALL SAFETY AND USE INSTRUCTIONS.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction. The device

contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

L'appareil ne doit pas produire de brouillage;

L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

IMPORTANT SAFETY INSTRUCTIONS

GENERAL SAFETY

1. Read and understand all instructions before use. Failure to follow these instructions may result in injury or product damage.
2. Retain this manual for future reference.
3. Observe all warnings and safety markings on the product and in this manual.
4. Not a protective device. These earphones provide no impact protection for sports activities.

PRODUCT USE

1. This device is not waterproof. Do not use near water sources (bathtubs, sinks, swimming pools, etc.).
2. Avoid exposing the device to:
 1. Liquids of any kind
 2. Excessive moisture or humidity
 3. Extreme temperatures (below 0°C/32°F or above 45°C/113°F)
 4. Direct sunlight for prolonged periods
 5. Open flames or heat sources

BATTERY & CHARGING

1.Charging case:

- 1.Use only 5V/1A power adapter (included)
- 2.Do not charge while wearing earphones
- 3.Case temperature must not exceed 45°C/113°F during charging

2.Storage:

- 1.Store at 50% charge if not used for extended periods
- 2.Keep away from metal objects to prevent short-circuiting

MAINTENANCE

1.Clean only with a dry, lint-free cloth. Do not use liquid or aerosol cleaners.

2.Use only manufacturer-approved accessories and attachments. Unauthorized accessories may void your warranty and compromise safety.

SERVICE & REPAIRS

1.Do not attempt to disassemble, modify, or repair this product. The housing contains no user-serviceable parts.

2.Qualified service personnel must perform all servicing when:

- 1.The product has been physically damaged

- 2.Liquid has entered the product
- 3.The product has been exposed to moisture
- 4.The product exhibits abnormal performance
- 5.The power supply cord or charging case is damaged

BATTERY & DISPOSAL

1.WARNING: This product contains lithium-ion batteries that may:

- 1.Present choking hazards (small parts)
- 2.Pose fire/explosion risks if damaged
- 3.Require special disposal procedures

2.If the product housing is damaged:

- 1.Immediately discontinue use
- 2.Keep away from children and pets
- 3.Dispose according to local electronic waste regulations

3.Never dispose of batteries in fire or regular household waste.

WARNINGS & CAUTIONS

HEARING SAFETY

- To prevent hearing damage:
 - Set device volume to minimum before use
 - Gradually increase to comfortable listening level
 - Limit continuous use at high volumes
 - Follow the 60/60 rule: No more than 60% volume for 60 minutes at a time
- Discontinue use immediately if you experience:
 - Hearing discomfort
 - Tinnitus (ringing in ears)
 - Dizziness or disorientation

USAGE ENVIRONMENT

- NEVER use while:
 - Driving or operating vehicles/machinery
 - In situations requiring full environmental awareness
 - Sleeping (risk of entanglement)
- This product is NOT certified for:

- Aviation communication
- Medical monitoring
- Industrial safety applications

ELECTRICAL SAFETY

- Use only certified power adapters that meet:
 - Input: 100–240V AC, 50/60Hz
 - Output: 5V DC, $\leq 1\text{A}$
 - Regional safety standards (UL/CE/CCC/etc.)
- Charging precautions:
 - Do not wear headphones while charging
 - Disconnect charger when not in use
 - Charge in well-ventilated areas
 - Do not charge overnight unattended

MEDICAL CONSIDERATIONS

- Contains magnets that may interfere with:
 - Pacemakers
 - Implantable defibrillators
 - Other medical implants

- Consult your physician before use if you have:
 - Hearing implants
 - Other electronic medical devices

CHILD SAFETY

- Not suitable for children under 3 years
- Contains small parts that may:
 - Present choking hazards
 - Cause intestinal blockage if swallowed
- Keep all components away from young children

COMPLIANCE INFORMATION

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1.This device may not cause harmful interference
- 2.This device must accept any interference received

For full regulatory information and warranty details,
visit: <https://outdoormaster.com/support>

If you experience any safety concerns or product issues, immediately discontinue use and contact OutdoorMaster Customer Support.

WARRANTY INFORMATION

This product is compatible with most ski helmet models available on the market. It is specifically designed for use in earmuff applications.

The limited warranty provided by OutdoorMaster does not cover:

- Damage caused by impact or collision
- Water damage or liquid ingress
- Any damage resulting from improper use, installation, or maintenance

For complete warranty terms and conditions, or to inquire about warranty service, please contact OutdoorMaster Customer Support or visit our official website:

<https://outdoormaster.com>

Note: This limited warranty gives you specific legal rights, and you may also have other rights which vary by jurisdiction.

Product Name: Ski Headphones

Model: OM-MZ04m

FCC ID: 2BG3W-MZ504

IC ID: 34144-MZ504

Manufacturer: Shenzhen Marry Acoustics Technology Co., Ltd.

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Dalang Sub-district Office, Longhua District, Shenzhen City, Guangdong Province, China

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