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OutdoorMaster Gem II

OutdoorMaster Gem II MIPS Bike Helmet User Manual

Model: Gem II

1. INTRODUCTION

The OutdoorMaster Gem II MIPS Bike Helmet is engineered to provide enhanced safety and comfort for cyclists. This manual outlines the proper setup, operation, maintenance, and specifications to ensure optimal performance and longevity of your helmet.

2. SAFETY INFORMATION

2.1 MIPS Safety System

The helmet incorporates the **MIPS (Multi-directional Impact Protection System)**, a low-friction layer designed to reduce rotational forces that can result from certain angled impacts to the head. This system is intended to provide added safety in specific impact scenarios.

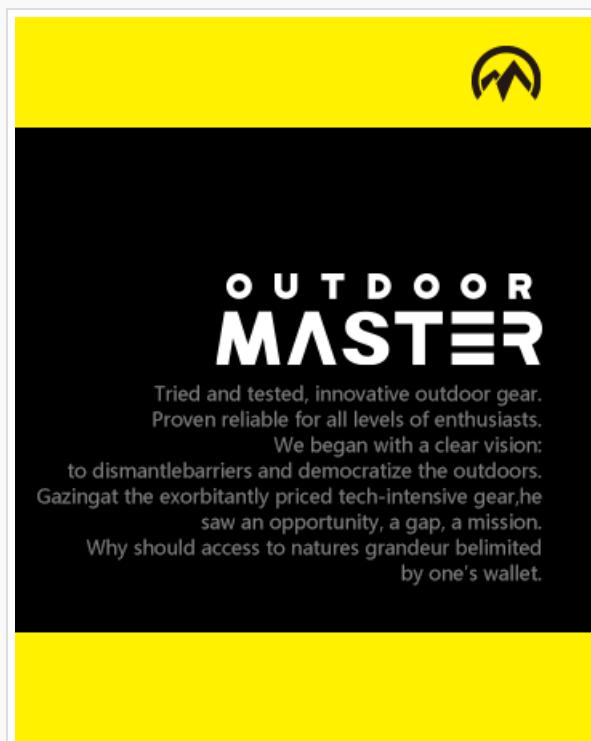


Image: A cutaway diagram of the OutdoorMaster Gem II MIPS helmet, showing the outer shell, the MIPS low-friction layer, and the inner foam, explaining how the system reduces rotational forces.

2.2 General Helmet Safety

- Always wear your helmet correctly fitted and securely fastened when cycling.
- Ensure the helmet sits level on your head, covering your forehead.
- Never use a helmet that has sustained an impact, even if no visible damage is present. Replace it immediately.
- Avoid exposing the helmet to extreme heat or harsh chemicals, as this can compromise its structural integrity.

3. SETUP

3.1 Adjustable Fit System

The Gem II MIPS helmet features an adjustable retention system for a personalized fit.

1. Place the helmet on your head, ensuring it is level and covers your forehead.
2. Locate the adjustment dial at the rear of the helmet.
3. Turn the dial clockwise to tighten the fit or counter-clockwise to loosen it, until the helmet feels snug and secure without causing discomfort. The helmet should not move excessively when you shake your head.



CAREFUL ALL-ROUNDAD JUSTABLE DESIGN PERFECT FIT FOR YOUR HEAD

Image: A detailed image focusing on the rear adjustment dial of the OutdoorMaster Gem II MIPS helmet, demonstrating how to fine-tune the fit for head circumference.

3.2 Strap Adjustment

Proper strap adjustment is crucial for helmet stability.

1. Adjust the side straps so they form a 'V' shape just below your ears.
2. Fasten the chin buckle.
3. Tighten the chin strap until it is snug, allowing for two fingers to fit comfortably between the strap and your chin. The buckle should be centered under your chin.

3.3 Charging the Integrated Light

The helmet features a built-in USB rechargeable LED light for enhanced visibility.

1. Locate the USB Type-C charging port on the rear LED light unit.
2. Connect a USB Type-C cable to the port and to a standard USB power source (e.g., computer, wall adapter).
3. A full charge typically takes approximately **60 minutes**.



Image: Close-up of the integrated rear LED light on the OutdoorMaster Gem II MIPS helmet, showing the USB Type-C charging port.

4. OPERATING INSTRUCTIONS

4.1 LED Light Operation

The integrated LED light provides three distinct lighting modes for varying visibility needs.

1. Press the power button on the rear light unit to turn it on.
2. Press the button repeatedly to cycle through the available modes:
 - **Steady Mode:** Continuous illumination (up to 4 hours of use).
 - **Fast Flashing Mode:** Rapid flashing for increased attention (up to 7 hours of use).
 - **Slow Flashing Mode:** Slower, rhythmic flashing (up to 13 hours of use).
3. Press and hold the power button to turn the light off.

BUILT-IN TYPE-C RECHARGEABLE LIGHT DESIGN

FULL CHARGE IN JUST 60 MINUTES



3 LIGHT MODES

- RED LIGHT STAY ON/UP TO 4 HOURS OF USE
- · · · · · RED LIGHT FAST FLASH LIGHT/UP TO 7 HOURS OF USE
- · · · · · RED LIGHT SLOW FLASH LIGHT/UP TO 13 HOURS OF USE

Image: A cyclist wearing the OutdoorMaster Gem II MIPS helmet from behind, with the integrated rear LED light clearly visible and illuminated, demonstrating its visibility feature.

5. MAINTENANCE

5.1 Cleaning the Helmet

- Shell:** Clean the helmet's exterior shell with a soft, damp cloth and mild soap. Avoid using harsh chemicals, solvents, or abrasive cleaners, as these can damage the helmet's materials and finish.
- Padding:** The interior padding is removable and washable. Gently detach the padding, hand wash it with mild

soap and water, and allow it to air dry completely before reinserting.



Image: A close-up image showing a hand detaching the interior padding from the helmet, illustrating the removable and washable design for maintenance.

5.2 Storage

Store your helmet in a cool, dry place away from direct sunlight and extreme temperatures. Do not store it near heat sources or in areas where it might be exposed to chemicals.

5.3 Inspection

Regularly inspect your helmet for any signs of wear or damage, including cracks, dents, or frayed straps. If any damage is found, or if the helmet has been involved in an impact, it must be replaced.

6. TROUBLESHOOTING

- LED Light Not Functioning:** Ensure the integrated LED light is fully charged. If the light does not turn on or hold a charge after proper charging, contact customer support.
- Helmet Feels Loose or Uncomfortable:** Re-adjust the rear dial and chin straps according to the 'Adjustable Fit System' and 'Strap Adjustment' sections. Verify that you have selected the correct helmet size based on your head circumference.

7. SPECIFICATIONS

Feature	Detail
Brand	OutdoorMaster
Model Name	Gem II
MIPS System	Yes
Outer Material	Polycarbonate (PC)
Inner Material	Expanded Polystyrene
Ventilation Ports	21
Integrated Light	USB Rechargeable LED (Type-C)
Light Modes	Steady, Fast Flashing, Slow Flashing
Light Battery Life (Slow Flash)	Up to 13 hours
Light Charge Time	Approx. 60 minutes

Item Weight	0.37 Kilograms
Age Range (Description)	5 Years and Older
Recommended Uses	Cycling
UPC	198387020817

8. SIZING GUIDE

To determine your correct helmet size, measure your head circumference just above your ears and level from front to back.

Size	Head Circumference
Small (S)	20.47-21.65 inches (52-55 cm)
Medium (M)	21.65-22.83 inches (55-58 cm)
Large (L)	22.83-24.41 inches (58-62 cm)



SIZE GUIDE

S 20.47-21.65 inch(52-55CM)

M 21.65-22.83 inch(55-58CM)

L 22.83-24.41 inch(58-62CM)

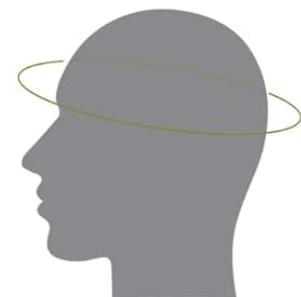


Image: An image showing a person wearing the helmet, accompanied by a size chart indicating head circumference ranges for Small, Medium, and Large sizes, and a diagram on how to measure head size.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your OutdoorMaster Gem II MIPS Bike Helmet, please refer to the official OutdoorMaster website or contact their customer service department. Keep your proof of purchase for any warranty claims.

Related Documents - Gem II

	<p><u>OutdoorMaster OM-BT01 Wireless Bluetooth Ski Headphones User Manual</u></p>
	<p><u>OutdoorMaster OM-MZ04m Ski Headphones User Manual</u></p>
	<p><u>OutdoorMaster OM-MZ04m Ski Headphones User Manual</u></p>
	<p><u>OutdoorMaster Kelvin II Ski Helmet - EU Declaration of Conformity (DoC)</u></p>
	<p><u>GEM-DK1CA Keypad Operating Guide NAPCO Security Systems</u></p>
	<p><u>NAPCO GEM-P1632 Installation Instructions</u></p>