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> VICTGOAL VG110 Bike Helmet User Manual: LED Light, Magnetic Goggles, and Sun Visor

VICTGOAL VG110

VICTGOAL VG110 Bike Helmet User Manual

Model: VG110

1. INTRODUCTION AND OVERVIEW

Thank you for choosing the VICTGOAL VG110 Bike Helmet. This manual provides essential information for the proper use, adjustment, and maintenance of your helmet. Designed for both road and mountain cycling, this helmet combines safety features with comfort and versatility, including an integrated LED rear light, detachable magnetic goggles, and a removable sun visor.



Figure 1: VICTGOAL VG110 Bike Helmet with detachable visor and magnetic goggles.

2. PRODUCT FEATURES

- **Adjustable Size:** Available in M (54-58 cm), L (57-61 cm), and XL (59-63 cm) with an easy-to-use adjustment dial.
- **Ventilation:** Features 21 breathable vents for optimal airflow, keeping the rider cool and dry.
- **Lightweight Design:** Weighs approximately 310g (0.68 lb) to minimize burden during cycling.
- **Impact Resistance:** Constructed with a high-density PC shell and EPS foam to absorb external impact and provide protection.
- **Magnetic Goggles:** Detachable magnetic goggles protect eyes from sunlight, wind, sand, and dust. Compatible with prescription glasses.
- **Removable Sun Visor:** Provides additional protection from sun and debris, easily detachable.
- **Integrated LED Rear Light:** Features 3 flashing modes (steady, slow flashing, fast flashing) for enhanced visibility during night cycling.
- **Washable Liner:** Soft, removable, and washable inner padding for hygiene and comfort.

UV400

THE MAGNETIC GOGGLES
KEEPS THE EYES AWAY
FROM STRAIGHT SUNLIGHT



3 MODES OF WEARING



WITH VISOR



WITH GOGGLES

Figure 2: Helmet versatility with detachable visor and magnetic goggles.



Figure 3: Helmet with both magnetic goggles and sun visor in place.

3. SETUP AND ASSEMBLY

3.1 Attaching the Sun Visor

The sun visor is designed for easy attachment and removal. Align the three pins on the visor with the corresponding holes on the front of the helmet. Gently press until you hear a click, indicating it is securely in place.

3.2 Attaching the Magnetic Goggles

The magnetic goggles attach to the helmet via strong magnets embedded in the helmet shell. Simply bring the goggles close to the designated magnetic points on the helmet, and they will snap into position. Ensure they are centered and securely attached before riding.

Your browser does not support the video tag.

Video 1: Overview of VICTGOAL Bike Helmet features, including visor and magnetic goggles attachment.

4. SIZING AND FIT ADJUSTMENT

Proper helmet fit is crucial for safety and comfort. The VG110 helmet is available in three sizes:

- **M:** 54-58 cm (21.3-22.8 inches)
- **L:** 57-61 cm (22.4-24 inches)
- **XL:** 59-63 cm (23.2-24.8 inches)

4.1 Adjusting Helmet Size

To adjust the helmet's circumference, locate the rotary dial at the back of the helmet. Turn the dial clockwise to tighten the fit or counter-clockwise to loosen it. Adjust until the helmet feels snug and secure without being uncomfortably tight. The helmet should not move freely when you shake your head.

4.2 Adjusting Chin Straps

Adjust the chin straps to ensure a secure fit. The straps should form a 'V' shape under your ears. The buckle should be centered under your chin. Tighten the strap so that no more than two fingers can fit between the strap and your chin.

SIZE M
**FOR TEENAGERS /
ADULT MEN WOMEN WITH
SMALL HEAD SIZE**
54-58CM / 21 ¼ - 22 ¾ IN

SIZE L
**FOR ADULT MEN
AND WOMEN**
57-61CM / 22 ¾ - 24 IN

SIZE XL
**FOR ADULT WITH
LARGE HEAD SIZE**
59-63CM / 23 ¼ - 24 ¾ IN

Figure 4: Helmet sizing guide for different head circumferences.



Figure 5: Correct helmet wearing position for optimal safety.

5. OPERATING INSTRUCTIONS

5.1 LED Rear Light Operation

The integrated LED rear light is located on the adjustment dial at the back of the helmet. To operate:

1. Press the button on the LED light once for **steady** mode.
2. Press again for **slow flashing** mode.
3. Press a third time for **fast flashing** mode.
4. Press a fourth time to turn the light **off**.

Ensure the plastic insulator tab is removed from the battery compartment before first use. The light is powered by a CR2032 3V battery.



SIZE ADJUSTER WITH
REAR LIGHT

**IT WILL HELP RIDERS BEHIND YOU CLEARLY
 RECOGNIZE YOUR DIRECTION**

USAGE TIME

NORMAL ON		ABOUT 30 HRS
SLOW FLASHING		UP TO 72 HRS
FAST FLASHING		ABOUT 50 HRS



FREE
CR2032*1
SPARE BATTERY

Figure 6: LED rear light modes and approximate battery life.



Figure 7: The integrated LED rear light enhances visibility.

5.2 Using Magnetic Goggles and Sun Visor

The magnetic goggles provide eye protection and can be easily attached or detached as needed. The sun visor offers additional shade and protection from debris. Both can be used simultaneously or individually, depending on your preference and riding conditions.



Figure 8: The large magnetic goggles are designed to accommodate prescription glasses.

6. MAINTENANCE

6.1 Cleaning the Helmet

To clean the helmet shell, use a soft cloth dampened with mild soap and water. Avoid harsh chemicals or abrasive materials, as these can damage the helmet's finish or structural integrity.

6.2 Cleaning the Inner Pads

The inner padding is removable and washable. Gently detach the pads from the helmet. Hand wash with mild soap and water, then air dry completely before reattaching them to the helmet.

6.3 Cleaning Goggles and Visor

Clean the magnetic goggles and sun visor with a soft, lint-free cloth and a lens cleaning solution or mild soapy water. Avoid wiping with abrasive materials to prevent scratches.



Figure 9: The helmet features a soft, removable, and washable liner.

7. BATTERY REPLACEMENT GUIDE

The LED rear light is powered by a CR2032 3V battery. A spare battery is included with your helmet. To replace the battery:

1. Open the soft pad located near the rear light.

2. Carefully remove the taillight unit from its housing.
3. Disassemble the back cover of the taillight unit.
4. Remove the circuit board.
5. Remove the old CR2032 battery and insert the new CR2032 battery, ensuring correct polarity.
6. Reassemble the circuit board, back cover, and taillight unit into the helmet.

BATTERY REPLACEMENT GUIDE

1. OPEN THE PAD
2. REMOVE THE TAILLIGHTS
3. DISASSEMBLE THE BACK COVER
4. REMOVE THE BOARD
5. REMOVE THE BATTERY AND PUT THE NEW CR2032 BATTERY IN

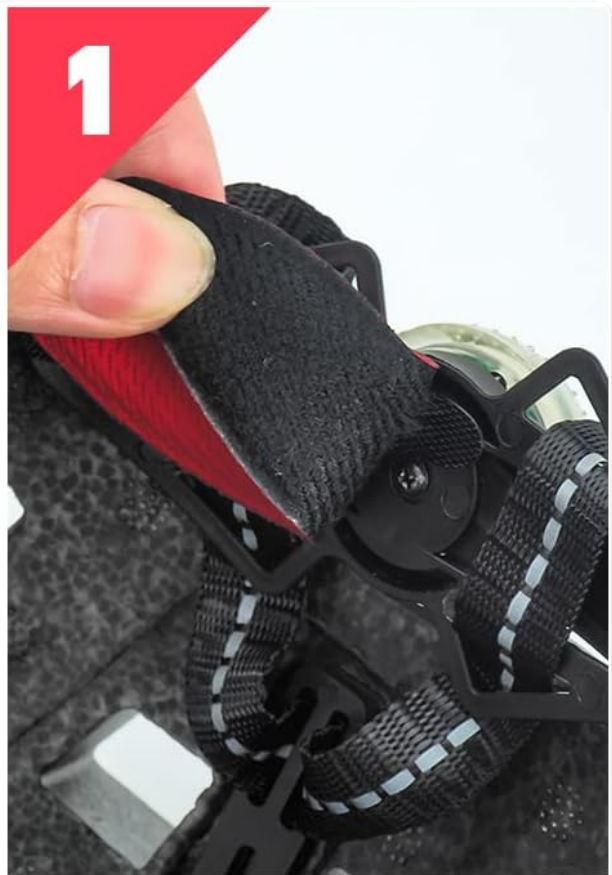


Figure 10: Visual guide for LED rear light battery replacement.

8. TROUBLESHOOTING

If you encounter any issues with your VICTGOAL VG110 Bike Helmet, please refer to the following common solutions:

- **Helmet feels loose or uncomfortable:** Re-adjust the rotary dial at the back of the helmet and ensure chin straps are properly tightened. Refer to Section 4 for detailed adjustment instructions.
- **LED Rear Light not working:** Check if the plastic insulator tab has been removed from the battery compartment. If it has, replace the CR2032 battery following the steps in Section 7.
- **Magnetic Goggles not attaching securely:** Ensure the magnetic points on the helmet and goggles are clean and free from debris. Verify that the goggles are aligned correctly with the magnets.
- **Sun Visor detaches easily:** Check that the three pins on the visor are fully inserted and clicked into the corresponding holes on the helmet.

9. SPECIFICATIONS

Feature	Specification
Brand	VICTGOAL
Model Name	VG110
Sizes Available	M: 54-58 cm, L: 57-61 cm, XL: 59-63 cm
Item Weight	310g (10.93 ounces)
Outer Material	Polycarbonate (PC)
Inner Material	Expanded Polystyrene (EPS)
Special Features	Lightweight, Detachable Visor, Magnetic Goggles, LED Rear Light
Recommended Use	Cycling (Mountain & Road)
LED Battery Type	CR2032 3V

10. SAFETY INFORMATION

Wearing a helmet significantly reduces the risk of head injury during cycling. Always ensure your helmet is properly fitted and securely fastened before each ride. Replace your helmet after any significant impact, even if visible damage is not apparent, as its protective capabilities may be compromised. Regularly inspect your helmet for any signs of wear or damage.

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Video 2: Demonstrates the features and safety aspects of the VICTGOAL VG110 Bike Helmet.

11. WARRANTY AND SUPPORT

For warranty information, product support, or any inquiries not covered in this manual, please contact VICTGOAL customer service through the retailer where the product was purchased or visit the official VICTGOAL website. Keep your purchase receipt as proof of purchase.

