Ravemen CR1000

RAVEMEN CR1000 Bike Light User Manual

Model: CR1000

INTRODUCTION

Thank you for choosing the RAVEMEN CR1000 Bike Light. This manual provides detailed instructions for the proper setup, operation, and maintenance of your CR1000 bike light to ensure optimal performance and safety during your rides. The CR1000 is designed for night riding, commuting, road cycling, and long-distance races, featuring a 1000-lumen output and an anti-glare T-shaped beam.

Image: The RAVEMEN CR1000 bike light with its included wired remote control and handlebar mount.

1. Mounting the Light

The CR1000 comes with a rubber strap mount designed to fit handlebars with a diameter of 22.2mm to 35mm. Ensure the mount is securely fastened to prevent movement during your ride.

1. Place the rubber strap mount on your handlebar at the desired position.
2. Wrap the rubber strap around the handlebar and hook it into the appropriate slot on the mount, ensuring a tight fit.
3. Slide the CR1000 bike light onto the mount until it clicks into place. Ensure it is firmly seated.
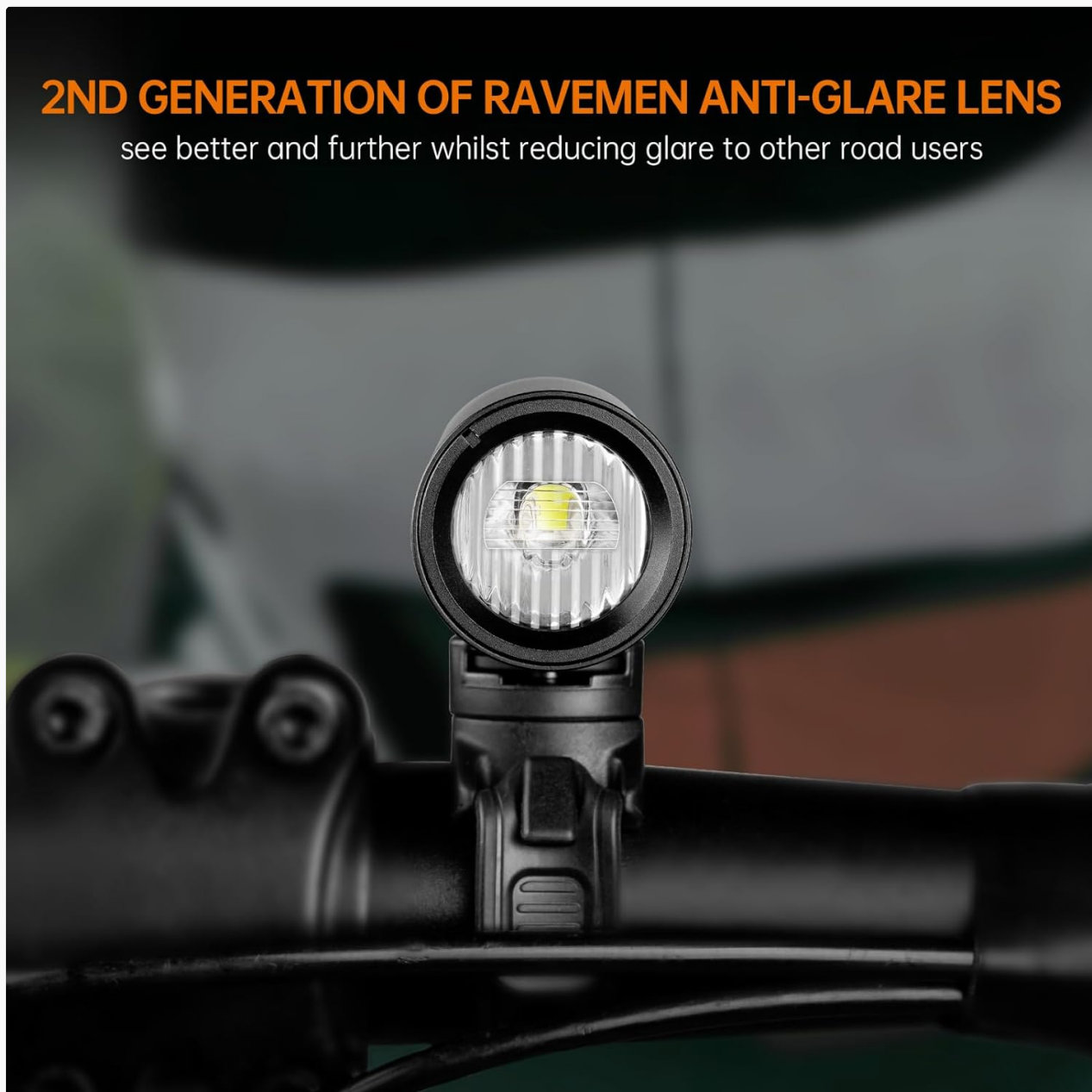

Image: The CR1000 bike light securely attached to a bicycle handlebar using the rubber strap mount.

An optional AUB01 upside-down mount (sold separately) is available for specific setups. If using this mount, you may need to unscrew the head ring and flip the lens to maintain the correct T-pattern beam orientation.

Image: The CR1000 bike light shown with the AUB01 upside-down mount, which is sold separately.

2. Connecting the Wired Remote

The CR1000 includes a wired remote button for convenient operation without releasing your grip from the handlebars. Connect the remote to the USB-B port located under the rubber flap on the back of the light.

Image: The wired remote control connected to the CR1000 bike light, mounted on a handlebar.

3. Initial Charging

Before first use, fully charge the CR1000. The light comes with a built-in, non-removable rechargeable battery. Use the provided USB cable to connect the light to a USB power source (e.g., computer, wall adapter). The power indicator on the light will show charging status.

OPERATING INSTRUCTIONS

1. Power On/Off

To turn the light on or off, press and hold the main button on the light unit.

2. Changing Brightness Levels and Modes

Once the light is on, a single click of the main button on the light itself will cycle through the brightness levels: High, Mid, Low, Eco. The light will remember the last setting when powered off/on.
The CR1000 also features Pulse Flashing and Rapid Flashing modes for increased visibility. These modes can be accessed by continuing to cycle through the brightness levels.
For signaling or emergencies, long press the main button to activate the maximum output Emergency mode. Release the button to return to the previous brightness level.

Image: A table illustrating the different brightness modes (High, Mid, Low, Eco, Pulse Flashing, Rapid Flashing) and their corresponding lumen outputs and run times for the CR1000.

3. Wired Remote Functionality

The wired remote allows you to change brightness levels safely without releasing your grip from the handlebars. When the light is on, a single click on the remote button will cycle through the brightness modes. A long press on the remote will activate Emergency mode. Note that the remote does not support turning the light on or off; this must be done via the main button on the light unit.

4. T-Shaped Anti-Glare Beam

The CR1000 features a second-generation RAVEMEN anti-glare lens that creates a T-shaped beam. This

design provides a close-range flood light and a long-distance spotlight, illuminating your path effectively while reducing glare for oncoming road users.

Image: A cyclist riding at night, demonstrating the wide and focused T-shaped beam pattern of the CR1000 light on the road.

5. Side Marker Lights

The CR1000 includes dual side visibility lights to increase your presence and safety, particularly at crossroads. These side markers enhance your chance of being seen during both daytime and night riding.
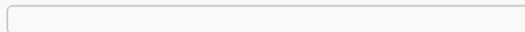
Image: A close-up view of the CR1000 bike light highlighting its side marker light feature.

MAINTENANCE

1. Charging the Battery

The CR1000 is USB-C rechargeable. Connect the provided USB cable to the light's charging port and a suitable USB power source. The power indicator light will show the charging status. A full charge ensures maximum run time.

2. Water Resistance

The CR1000 features an IPX6 waterproof rating, making it ready for extreme weather and riding situations, including muddy roads, foggy days, or heavy downpours. While it is highly water-resistant, avoid submerging the light in water for extended periods.

Image: The CR1000 bike light with water droplets on its surface, illustrating its IPX6 waterproof capability.

3. Cleaning

To clean the light, wipe it with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these may damage the housing or lens.

4. Storage

When storing the light for extended periods, ensure it is fully charged and store it in a cool, dry place. Recharge the battery every 3-6 months to maintain battery health.

TROUBLESHOOTING

- **Light not turning on:** Ensure the battery is charged. Connect the light to a power source and check if the charging indicator illuminates.

- **Light not holding a charge:** Verify that the charging cable and power source are functioning correctly. If the issue persists, the battery may require service.

- **Wired remote not responding:** Check that the remote is securely plugged into the light's USB-B port. Ensure the light unit itself is powered on, as the remote only changes modes when the light is active.

- **Beam pattern appears incorrect:** If you are using an upside-down mount, ensure the lens has been flipped to maintain the correct T-pattern orientation.

For more detailed troubleshooting or persistent issues, please refer to the official RAVEMEN user manual PDF or contact customer support.

SPECIFICATIONS

Feature	Specification
Model Name	CR1000
Brightness	1000 Lumens (Max)
Run Time (High)	2 hours
Run Time (Mid)	2.7 hours
Run Time (Low)	5.8 hours
Run Time (Eco)	25 hours
Run Time (Pulse Flashing)	30 hours
Run Time (Rapid Flashing)	45 hours
Material	Aluminum, Plastic
Power Source	USB C Rechargeable
Water Resistance Level	IPX6
Item Weight	4.96 ounces
Mounting Type	Handlebar Mount (22.2mm to 35mm)
Included Components	Front bike light, USB cable, Wired remote button

WARRANTY

The RAVEMEN CR1000 Bike Light comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects and material flaws under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

SUPPORT

For further assistance, detailed product information, or to download the official user manual in PDF format, please visit the official RAVEMEN website or refer to the provided PDF document:

Download User Manual (PDF)

You may also contact RAVEMEN customer support for any inquiries or technical assistance.

Related Documents

	Ravemen CR1000 Bicycle Headlight User Manual and Specifications Comprehensive user manual and technical specifications for the Ravemen CR1000 bicycle headlight. Learn about operation, mounting, safety guidelines, battery care, and warranty information.
	Ravemen CR600 Bike Headlight User Manual - 600 Lumens, IPX6 Waterproof User manual for the Ravemen CR600 bicycle headlight, detailing its 600 lumens output, multiple lighting modes, IPX6 water resistance, mounting instructions, safety precautions, and warranty information.
	**Ravemen PR800 Bicycle Headlight User Manual	800 Lumens** Comprehensive user manual for the Ravemen PR800 bicycle headlight. Learn about technical specifications, performance parameters, operation, mounting, safety precautions, and warranty information.
	Ravemen FR160 Headlight Manual and Specifications Comprehensive manual for the Ravemen FR160 bicycle headlight, detailing technical specifications, performance parameters, usage instructions, safety warnings, and warranty information. Includes multilingual support.

Documents - Ravemen – CR1000

[pdf] Warranty

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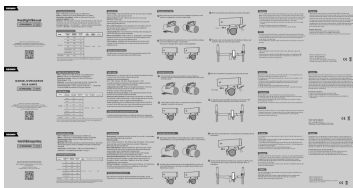
To See Safely and Be Seen Friendly RAVEMEN**CR1000** with Anti-glare T-shaped Beam With max 1000 lumens and 4000 mAh high-capacity rechargeable battery, RAVEMEN **CR1000** is a high performance bike light for riders that ride at a fast speed and long distance at night. Using the second generation of RAVEME...

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[pdf] User Manual Specifications Dimension Guide Guide Accessories

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Headlight Manual **CR1000** 1000 LUMENS Thanks for purchasing Ravemen product. Important: For your safety, read this manual thoroughly before using the product and keep it properly for future reference. Scan and like our facebook page for more info and service: Technical Specifications LED: 1*CREE XM-L...
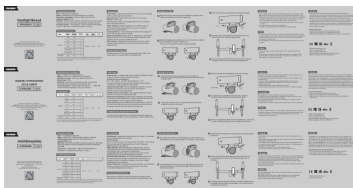
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Ravemen CR1000 Bicycle Headlight User Manual and Specifications

Comprehensive user manual and technical specifications for the Ravemen CR1000 bicycle headlight. Learn about operation, mounting, safety guidelines, battery care, and warranty information.

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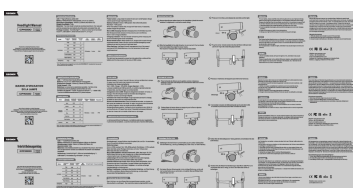
[pdf] Dimension Guide

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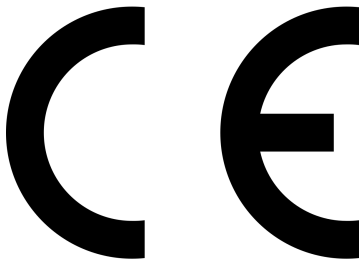
Bicycle Lights TAKE THE LIGHT RIDE THE BIKE INNOVATIVE OPTICAL DESIGN For a better and safer night ... ash USB Input Rechargeable Li-ion Mode Memory Recharging Waterproof Lighting System Low Beam **CR1000** Max 1000 Lumens LED: l CREE XM-L2 with a lifespan of 50000 hours Battery: 4000mAh/3.6V rech...

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RAVEMEN CR1000 Bike Light User Manual - 1000 Lumens, IPX6 Waterproof

Official user manual for the RAVEMEN CR1000 bicycle front light. Details include 1000 lumens output, T-shaped beam, IPX6 waterproof rating, aluminum housing, and rubber strap mounting instructions.

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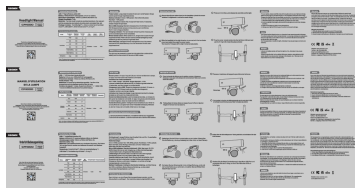

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