

ROCKBROS Bike Light User Manual

1. Introduction

Welcome to use ROCKBROS bike light, a professional safety accessory designed for cycling enthusiasts, suitable for night riding, dawn, dusk and low-visibility environments. ROCKBROS is committed to providing high-quality, durable and easy-to-use bike lighting products, integrating bright illumination, multi-mode warning and excellent waterproof performance to ensure your riding safety. Being seen is the key to safe riding, and this bike light not only illuminates your way forward but also makes you visible to other road users, effectively reducing potential riding risks. This manual contains important information about product features, installation, usage methods, maintenance and safety precautions. Please read it carefully before use and keep it properly for future reference.

2. Product Overview

2.1 Product Features

- **High Brightness Illumination:** Equipped with high-performance LED lamp beads, the brightness ranges from 300 lumens to 1200 lumens (varies by model), providing clear visibility for night riding. It supports long-distance irradiation (up to 50-100 meters) and wide-angle floodlight, easily illuminating road potholes, stones and other obstacles to avoid potential dangers.
- **Multi Lighting Modes:** Supports multiple adjustable modes to adapt to different riding scenarios: High Brightness (for dark roads without street lights), Medium Brightness (for daily commuting with weak light), Low Brightness (for long-time riding to save power), Strobe Mode (for emergency warning), and Breathing Mode (for low-visibility environments such as fog and rain to enhance recognition).
- **IPX6 Waterproof Performance:** Adopts sealed waterproof design, effectively resisting rain, splashes and dust, suitable for outdoor riding in various weather conditions (rainy days, foggy days, etc.), and can be used normally without being affected by light rain or splashes.
- **Rechargeable & Long Battery Life:** Equipped with a built-in 1200mAh-2600mAh lithium battery (varies by model), supporting USB fast charging. The battery life ranges from 3 hours (high brightness mode) to 30 hours (low brightness mode). It is equipped with a power display function, allowing you to check the remaining power at any time to avoid power shortage during riding.

- **Easy Installation & Detachable Design:** Comes with a universal adjustable mount, which can be quickly installed on the handlebar (suitable for handlebars with a diameter of 22-31.8mm) without any tools. The light body is detachable, which can be taken down as a portable flashlight for emergency use, and also convenient for charging and storage.
- **Durable & Lightweight:** The shell is made of high-toughness ABS material, which is impact-resistant and drop-resistant, effectively protecting the internal components from damage during riding. The lightweight design (only 50-80 grams) will not increase the burden of your handlebar.
- **Safety Warning Function:** The strobe and breathing modes can effectively remind passing vehicles and pedestrians of your position, especially in low-visibility environments, greatly improving riding safety. It is recommended to use the warning mode together with reflective stickers on the body or helmet for better effect.

2.2 Package Contents

- 1 x ROCKBROS Bike Light (Front Light/ Rear Light, depending on the model)
- 1 x Universal Handlebar Mount (for front light) / Seatpost Mount (for rear light)
- 1 x USB Charging Cable (Type-C interface)
- 1 x User Manual
- 1 x Spare Rubber Gasket (for adjusting mount tightness, if applicable)

3. Usage Instructions

3.1 Installation

1. Take out the universal mount and loosen the adjustment knob on the mount.
2. Install the mount on the handlebar (front light) or seatpost (rear light), adjust the position to a suitable angle (the front light should be tilted slightly downward to avoid dazzling oncoming vehicles and pedestrians), and then tighten the adjustment knob to ensure the mount is firm and does not shake.
3. Align the buckle on the light body with the mount, press it firmly until you hear a "click" sound, indicating that the light body is installed securely. To remove the light body, press the release button on the mount and pull it out gently.

3.2 Power On/Off & Mode Switching

Power On: Press and hold the power button for 2 seconds until the light is on. **Power Off:** Press and hold the power button for 2 seconds again until the light is off.

Mode Switching: After power on, short-press the power button to switch between different lighting modes in sequence (High Brightness → Medium Brightness → Low Brightness → Strobe → Breathing → Off, depending on the model). When switching to the desired mode, stop pressing the button.

3.3 Charging Instructions

1. When the power is low (the power indicator flashes red or the brightness drops significantly), turn off the bike light and prepare for charging.
2. Open the charging port cover (please keep it closed when not charging to ensure waterproof performance), and insert the USB charging cable into the Type-C interface of the light body.
3. Connect the other end of the charging cable to a 5V USB charging device (such as a power bank, computer, or charger). During charging, the indicator light is red; when fully charged, the indicator light turns green. The charging time is about 2-4 hours (varies by battery capacity).
4. After charging is completed, pull out the charging cable and close the charging port cover tightly.

3.4 Power Display Tips

The bike light is equipped with a power display function. When the light is on, the power indicator will show different colors to indicate the remaining power: Green (70%-100% power), Yellow (30%-70% power), Red (0%-30% power). When the red light flashes, it means the power is about to run out, please charge it in time.

4. Safety Precautions

 **WARNING:** Please read and follow these precautions carefully to avoid personal injury, property damage or product malfunction.

- This bike light is only for cycling lighting and warning, not for other purposes (such as lighting for high-risk operations, medical use, etc.). Do not use the light to directly illuminate the eyes of people or animals, which may cause temporary blindness or eye damage.
- Do not use the bike light in extremely harsh environments (such as strong acid/alkali environment, high temperature above 60°C, or low temperature below -20°C), which may damage the battery and lamp beads.
- Do not disassemble, modify or repair the bike light by yourself, as this may damage the internal components and void the warranty. If there is any malfunction, please contact customer service for professional repair.

- Keep the bike light away from children. The small parts (such as the mount, rubber gasket) may cause choking hazards if swallowed. Do not let children use the product without adult supervision.
- Do not expose the bike light to direct sunlight for a long time (more than 6 hours a day), and do not place it in a closed high-temperature environment (such as a car under direct sunlight), which may cause battery swelling, leakage or damage to the shell.
- Although the product has waterproof performance, do not immerse it in water for a long time (more than 30 minutes), and avoid contact with corrosive liquids (such as gasoline, detergent), which may damage the waterproof seal and internal components.
- During night riding, in addition to using the bike light, it is recommended to wear reflective clothing or paste reflective stickers on the bike and helmet to further improve visibility and riding safety. Do not ride at high speed in dark environments, and pay attention to observing the road conditions at all times.
- When charging, use a 5V standard USB charging device. Do not use a high-voltage charger, which may cause battery damage, overheating or even fire. Do not charge the product unattended for a long time.
- If the bike light is not used for a long time (more than 3 months), please charge it to 50% power first, and recharge it every 3 months to maintain battery performance. Do not store the product with an empty battery.

5. Maintenance and Care

- **Cleaning:** After use, wipe the surface of the bike light with a dry or slightly damp soft cloth to remove dust, dirt and water stains. Do not use abrasive cleaners, organic solvents (such as alcohol, acetone) or rough cloth to wipe, which may scratch the shell and damage the waterproof seal.
- **Storage:** After use, turn off the bike light, wipe it clean, and store it in a cool, dry and well-ventilated place. Do not store it with sharp objects or heavy objects to avoid scratching the shell or damaging the lamp beads. If not used for a long time, please remove the light body from the mount and store it separately.
- **Mount Maintenance:** Regularly check the tightness of the mount. If it is loose, tighten the adjustment knob in time. If the rubber gasket is worn or damaged, replace it with the spare gasket to ensure the mount is firm.
- **Battery Maintenance:** Avoid overcharging or over-discharging the battery. Unplug the charging cable in time after full charge, and charge the battery in time when the power is low. Do not use the bike light until the battery is completely dead, which may shorten the battery life.

6. Warranty Policy

We provide a 2-year warranty period from the date of purchase. During the warranty period, we will repair or replace parts free of charge if a manufacturing defect is recognized by our company. The warranty period will not be extended.

The warranty does not cover the following situations:

- Scratches, wear or damage to the shell, lamp beads or other components caused by improper use, accidental drop, impact or collision.
- Damage caused by lack of care, improper storage, overcharging, using non-standard chargers or disassembling the product by yourself.
- Damage caused by natural disasters (such as floods, earthquakes), man-made damage or improper modification of the product.
- Consumable parts (such as rubber gaskets, charging cables) that are worn or damaged during normal use.

7. Contact Information

If you have any questions about the product, such as installation, usage, maintenance or warranty, please contact our customer service:

- Email: support@rockbros.com
- Customer Service Hotline: +86-XXX-XXXXXXX
- Official Website: www.rockbrosbike.us

Thank you for choosing ROCKBROS bike light! Enjoy your safe and pleasant riding experience with our professional lighting protection.

ROCKBROS © All Rights Reserved

(注：文档部分内容可能由 AI 生成)