roomoon B0CVVPMVFR

User Manual: roomoon Bicycle Light

Model: B0CVVPMVFR

1. Introduction

Thank you for purchasing the roomoon Bicycle Light. This versatile device combines a powerful bicycle headlight, a horn, and a portable power bank, designed to enhance your cycling safety and convenience. Constructed from durable aluminum alloy, it offers excellent heat dissipation and resistance to falls. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance and longevity of your bicycle light.

2. Product Features

- **Multi-functional Design:** Integrates a bicycle light, horn, and power bank into a single unit.
- **High Brightness:** 1000 lumens output for improved visibility during night riding.
- **Long-lasting Battery:** Built-in 4000 mAh rechargeable battery for extended use.
- **USB Rechargeable:** Convenient USB charging with automatic power-off upon full charge.
- **Durable Construction:** Made from high-quality aluminum alloy for good heat dissipation and fall resistance.
- **Wire Control:** External wired controller for easy access to light and horn functions while riding.
- **Intelligent Photosensitive Adjustment:** Automatically adjusts brightness based on ambient light conditions to save power.
- **Waterproof:** IPX6 rated, protecting against splashing water from any angle.
- **Power Display:** Indicator lights reflect battery status.

3. Package Contents

Please check the package for the following items:

- 1 x roomoon Bicycle Light
- 1 x Fixed Base (Handlebar Mount)
- 1 x USB Charging Cable

- 1 x Installation Tool
- 1 x Wire Control Strap
- 1 x Wired Controller

4. Specifications

Feature	Specification
Brand	roomoon
Model	B0CVVPMVFR
Brightness	1000 Lumens
Battery Capacity	4000 mAh
Material	Aluminum Alloy
Waterproof Rating	IPX6
Color	Black
Dimensions (L x W x H)	10 x 5.1 x 2.8 cm (approximately)
Power Source	Battery
Mounting Type	Handlebar Mount



Figure 4.1: Approximate Dimensions of the Bicycle Light.

5. Setup and Installation

5.1 Mounting the Bicycle Light

1. Identify a suitable position on your bicycle handlebar for the fixed base. Ensure it does not obstruct your view or control of the bike.
2. Place the fixed base around the handlebar. Use the provided installation tool to tighten the screw on the base until it is securely fastened. Do not overtighten.
3. Slide the bicycle light onto the fixed base until it clicks into place. Ensure it is firmly attached and facing forward.



Figure 5.1: Bicycle Light Mounted on Handlebar.

5.2 Connecting the Wired Controller

1. Locate the USB port on the bicycle light.
2. Plug the wired controller's USB connector into the bicycle light's USB port.
3. Use the wire control strap to secure the wired controller to a convenient location on your handlebar, allowing easy access to its buttons while riding.



Figure 5.2: Connecting the Wired Controller.

6. Operating Instructions

6.1 Charging the Battery

The bicycle light is equipped with a 4000 mAh rechargeable battery. Before first use, fully charge the device.

- Connect the provided USB charging cable to the charging port on the bicycle light.
- Plug the other end of the USB cable into a standard USB power adapter (e.g., phone charger, computer USB port, power bank).
- The power indicator lights on the device will show the charging progress. When fully charged, the light will automatically stop charging.
- A full charge typically provides approximately 6 hours of highlight mode or up to 20 hours in low brightness mode.

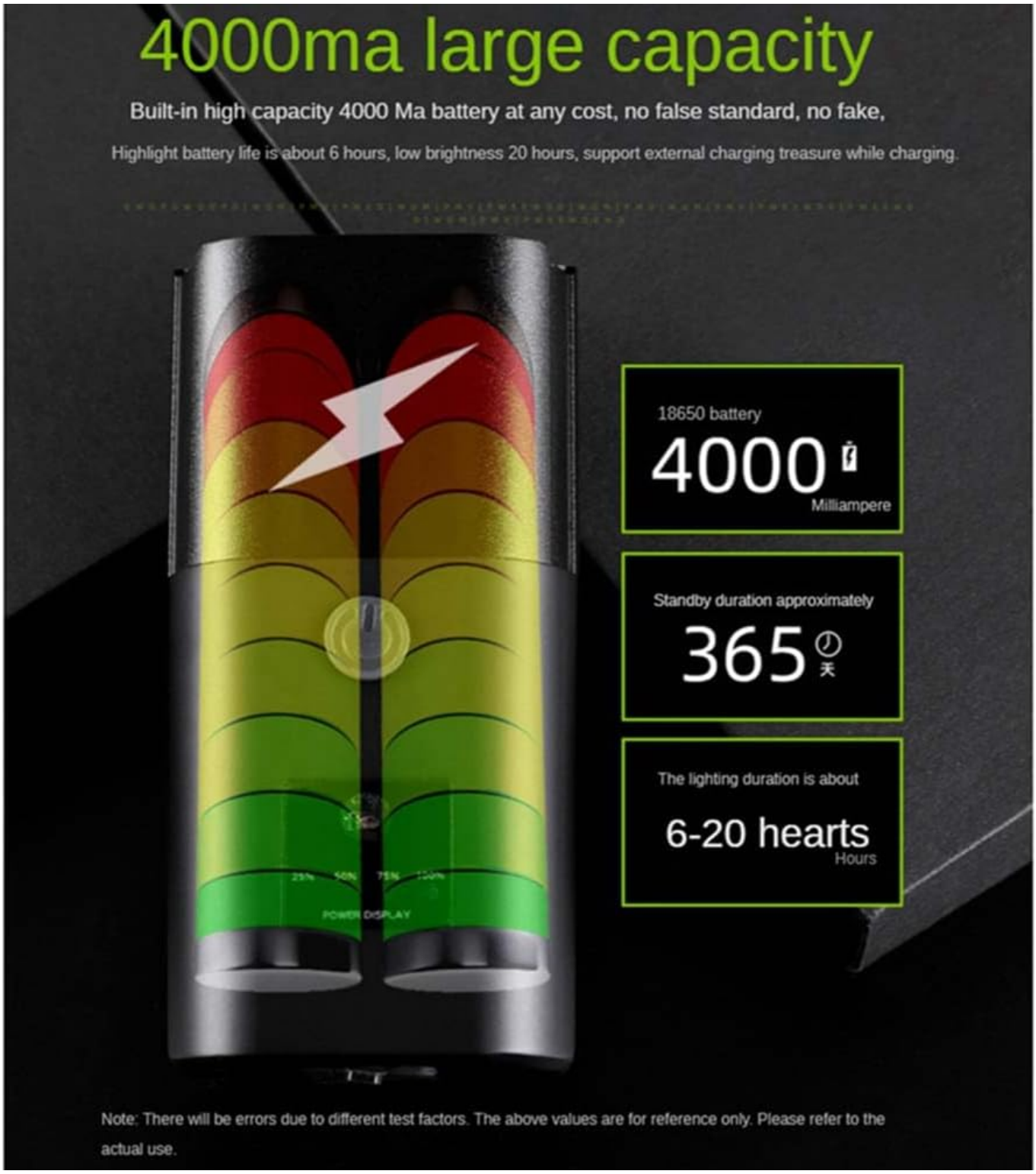


Figure 6.1: Battery Capacity and Power Display.

6.2 Power On/Off and Light Modes

The main power button is located on the top of the bicycle light. The wired controller also has buttons for light control.

- **Power On/Off:** Press and hold the main power button for a few seconds to turn the light on or off.
- **Switch Light Modes:** Short press the main power button or the light control button on the wired controller to cycle through different lighting modes (e.g., High, Medium, Low, Flash).



Figure 6.2: Main Power Button and Power Display.

6.3 Horn Function

The bicycle light includes an integrated horn for alerting pedestrians and other road users.

- Press the horn button on the wired controller to activate the horn.
- Release the button to stop the horn sound.

6.4 Power Bank Function

The built-in 4000 mAh battery can also be used as a power bank to charge other USB-powered devices.

- Connect your device's USB charging cable to the output USB port on the bicycle light.
- The bicycle light will begin charging your device.
- Note: Using the power bank function will reduce the operational time of the bicycle light.

6.5 Intelligent Photosensitive Mode

This mode automatically adjusts the light brightness based on ambient light conditions, optimizing visibility and battery life.

- To activate this mode, refer to the specific instructions in your product's quick start guide or by cycling through modes until the intelligent mode is indicated (often by a specific light pattern or icon).
- In this mode, the light's built-in sensor will detect the surrounding light intensity and adjust the output accordingly.

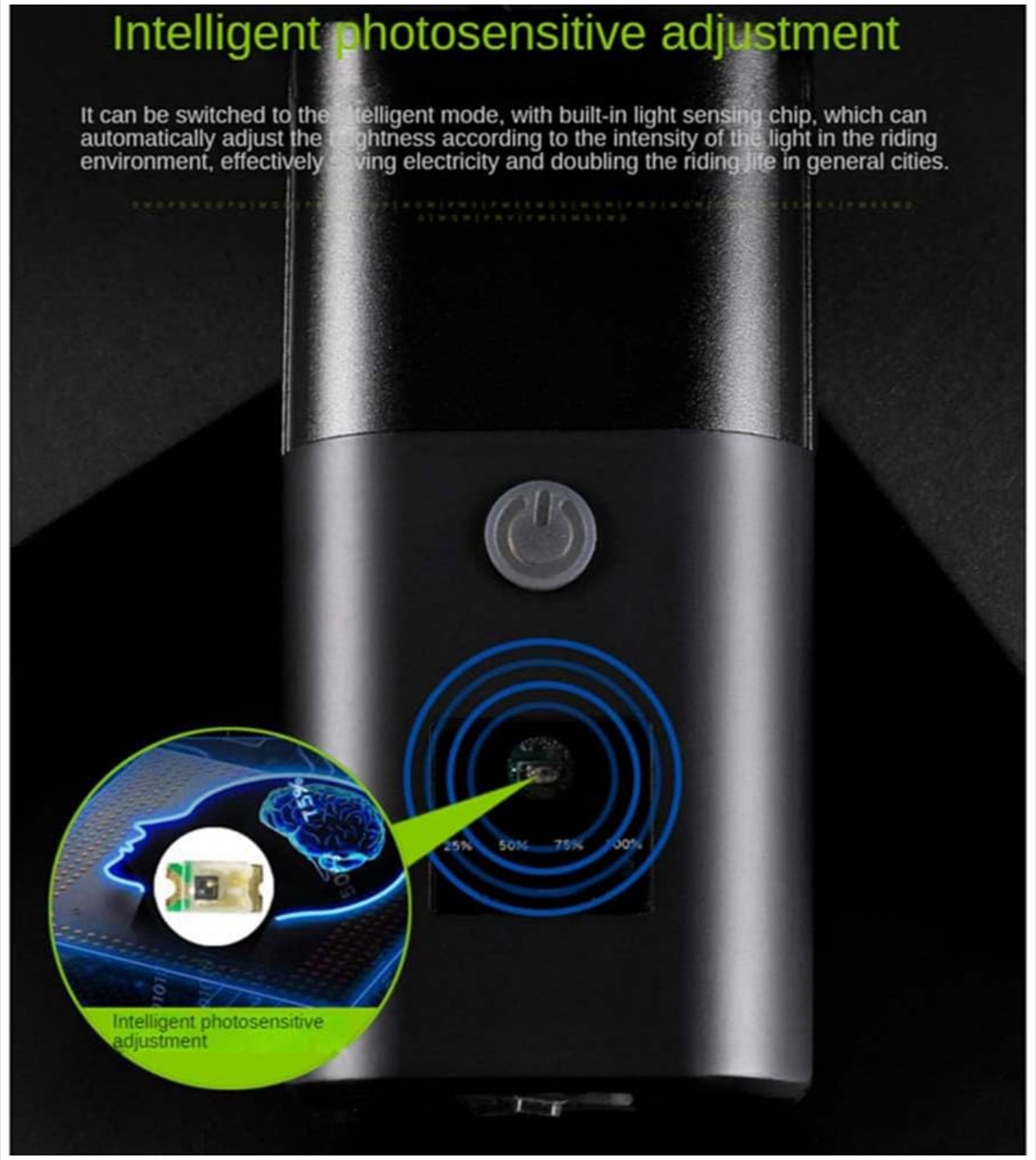


Figure 6.3: Intelligent Photosensitive Adjustment Feature.

7. Maintenance

Proper maintenance ensures the longevity and optimal performance of your bicycle light.

- **Cleaning:** Wipe the light body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the light in a cool, dry place when not in use. If storing for an extended period, charge the battery to about 50% every 3-6 months to preserve battery health.
- **Water Exposure:** While IPX6 rated, avoid submerging the light in water. After exposure to rain, wipe it dry.
- **Battery Care:** Avoid fully discharging the battery frequently. Charge it regularly to maintain battery life.

8. Troubleshooting

If you encounter issues with your bicycle light, refer to the following table:

Problem	Possible Cause	Solution
Light does not turn on.	Battery is depleted.	Charge the battery fully.
Light flickers or is dim.	Low battery.	Recharge the battery.
Horn does not work.	Wired controller not connected properly or faulty.	Ensure the wired controller is securely plugged into the USB port. Test the light functions to confirm the main unit is operational.
Light does not charge.	Faulty charging cable or power adapter.	Try a different USB cable and power adapter. Ensure the charging port is clean.
Light detaches from mount.	Mount not tightened sufficiently.	Re-tighten the fixed base screw using the installation tool. Ensure the light is clicked securely into the base.

9. Safety Information

Please read and follow these safety guidelines to prevent injury or damage:

- Do not look directly into the light beam, as it can cause temporary vision impairment.
- Keep the device away from extreme temperatures, direct sunlight, and open flames.
- Do not disassemble or modify the product. This will void the warranty and may cause damage or injury.
- Keep out of reach of children.
- Ensure the light is securely mounted before riding to prevent it from falling off.
- While waterproof, avoid prolonged exposure to heavy rain or submersion.

10. Warranty and Support

This product is manufactured by roomoon. For any questions, technical support, or warranty claims, please contact your retailer or the manufacturer directly. Please retain your proof of purchase for warranty purposes.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question