

manuals.plus /

› [VASTFIRE](#) /

› [VASTFIRE QX10C570 Mountain Bike Headlight and Tail Light Set Instruction Manual](#)

VASTFIRE QX10C570

VASTFIRE QX10C570 Mountain Bike Headlight and Tail Light Set

Instruction Manual

1. PRODUCT OVERVIEW

The VASTFIRE QX10C570 Mountain Bike Headlight and Tail Light Set provides essential illumination for night riding. This set includes a powerful LED headlight and a bright LED tail light, both designed for durability and ease of use. The headlight features multiple brightness modes and an adjustable beam, while the tail light offers various flashing patterns for enhanced visibility. Both lights are USB rechargeable, ensuring convenience and readiness for your rides.



Image: VASTFIRE QX10C570 Headlight and Tail Light Set components, including the headlight, tail light, mounting straps, and charging cables.

Key Features:

- **Headlight Brightness:** Up to 800 Lumens (adjustable).
- **Multiple Modes:** Glare, Low Light, Strobe for both headlight and tail light.
- **Adjustable Beam:** Headlight features adjustable focus from a wide floodlight to a long-range spotlight.
- **USB Rechargeable:** Convenient charging for both units.
- **Durable Construction:** Aluminum material for the headlight.
- **Water Resistance:** Rated IPX4, IPX6, IPX8 for various weather conditions.
- **Mounting:** Tool-free handlebar mount for the headlight, flexible strap mount for the tail light.

2. SETUP AND INSTALLATION

2.1 Headlight Installation

1. Identify the handlebar mounting bracket. It features an adjustable clamp and a quick-release mechanism for the light unit.
2. Select appropriate rubber shims (if provided) to ensure a snug fit on your bicycle's handlebar.

3. Position the mounting bracket on your handlebar. Ensure the release button for the light unit faces towards the rear of the bicycle for proper installation and removal.
4. Tighten the screw on the clamp until the bracket is securely fastened and does not rotate freely.
5. Slide the headlight unit onto the bracket until it clicks into place. Ensure it is firmly seated.
6. Adjust the headlight's angle to illuminate the path ahead without blinding oncoming traffic or pedestrians. The light unit can pivot horizontally on the mount.



Image: Headlight mounting bracket with adjustable strap, suitable for handlebars and headbands.

2.2 Tail Light Installation

1. The tail light comes with a flexible rubber strap for mounting.
2. Wrap the strap around your seat post, seat stay, or helmet.
3. Secure the strap by hooking it onto the designated tab on the light unit. Ensure the light is facing directly backward and is visible.

2.3 Battery Preparation

The headlight uses a replaceable 18650 Li-ion battery. Before first use, ensure any protective plastic wrapping is removed from the battery inside the headlight unit. To access the battery, carefully unscrew the front part of the headlight.

3. OPERATING INSTRUCTIONS

3.1 Headlight Operation

- **Power On/Off:** Press and hold the power button on the headlight for approximately 2-3 seconds to turn it on or off.
- **Change Modes:** Short press the power button to cycle through the available modes: Glare (High), Low Light, and Strobe.
- **Adjust Beam Focus:** The front bezel of the headlight can be rotated to adjust the beam from a wide floodlight to a narrow, long-range spotlight.

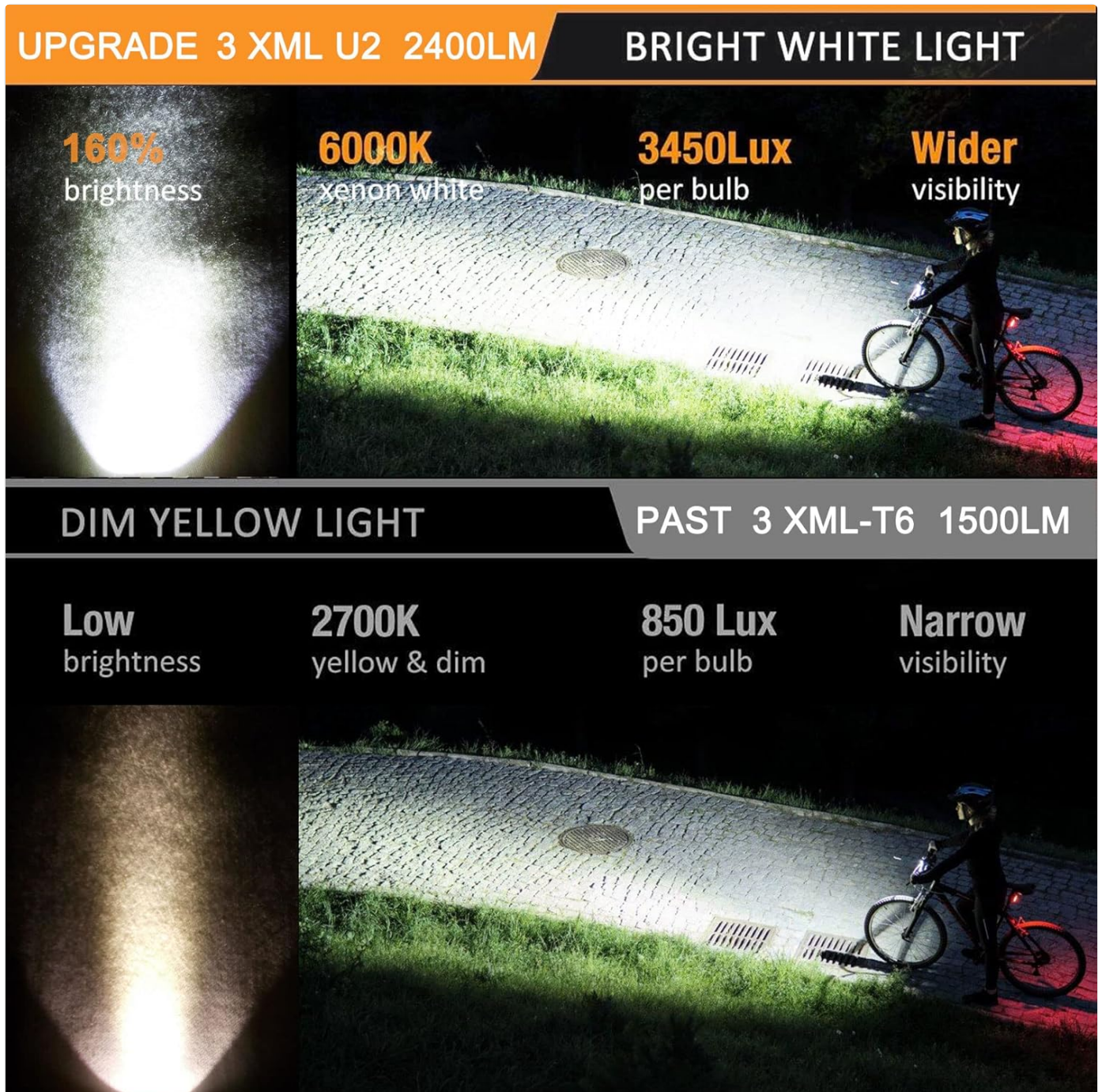


Image: Headlight modes (High, Mid, Low, Strobe) and approximate battery life for each mode.

Lasting power for long-distance cycling



Image: VASTFIRE headlight illuminating a path during night riding, demonstrating its long-range capability.



Image: Illustration of the headlight's broad beam angle (150°) for wide visibility, ideal for commuting and urban use.

3.2 Tail Light Operation

- **Power On/Off:** Press and hold the power button on the tail light to turn it on or off.
- **Change Modes:** Short press the power button to cycle through various flashing and steady modes.

3.3 Charging

- Both the headlight and tail light are USB rechargeable.
- Connect the provided USB charging cable to the charging port on each light.
- Plug the other end of the USB cable into a standard USB power source (e.g., computer, wall adapter, power bank).
- An indicator light will typically show charging status (e.g., red for charging, green for fully charged).
- Charging time may vary. Ensure lights are fully charged before long rides.



Image: Headlight with external battery pack indicating up to 24 hours of lasting power for extended cycling.

4. MAINTENANCE

- **Cleaning:** Wipe the lights with a soft, damp cloth to remove dirt and debris. Avoid using abrasive cleaners or solvents.
- **Battery Care:** To prolong battery life, recharge the lights regularly, especially if they have not been used for an extended period. Avoid completely draining the battery before recharging.
- **Storage:** Store the lights in a cool, dry place when not in use.
- **Water Resistance:** While the lights are water-resistant (IPX4, IPX6, IPX8 rated), avoid prolonged submersion in water. Ensure charging ports are securely covered when not charging to maintain water resistance.

5. TROUBLESHOOTING

- **Light Not Turning On:**
 - Ensure the battery is properly installed and any protective plastic has been removed.
 - Charge the light fully.
 - Press and hold the power button for the specified duration (2-3 seconds).
- **Light is Dim or Flickering:**
 - The battery may be low. Recharge the light.
 - Ensure the battery is making proper contact inside the unit.
- **Light Rattles on Mount:**
 - Ensure the mounting bracket is securely tightened to the handlebar.
 - Use the appropriate rubber shims to create a tight fit between the bracket and the handlebar.

6. SPECIFICATIONS

Feature	Detail
Brand	VASTFIRE
Model Number	QX10C570
Color	Black
Material	Aluminum
Item Weight	167 Grams
Mounting Type	Handlebar Mount
Number of Settings	4 (Headlight)
Brightness	800 Lumen (Max Light Output)
Auto Part Position	Front, Rear
Water Resistance Level	Water Resistant (IPX4, IPX6, IPX8)

7. WARRANTY INFORMATION

This VASTFIRE product comes with a **1-year warranty** from the date of purchase. Please retain your proof of purchase for any warranty claims. The warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

8. CUSTOMER SUPPORT

For any questions, support, or warranty inquiries regarding your VASTFIRE QX10C570 Mountain Bike Headlight and Tail Light Set, please contact VASTFIRE customer service through the retailer where the product was purchased or visit the official VASTFIRE store page on Amazon: [VASTFIRE Store](#).