Staaricc HL-001

Staaricc HL-001 Rechargeable LED Headlamp User Manual

Model: HL-001

Introduction

Thank you for choosing the Staaricc HL-001 Rechargeable LED Headlamp. This headlamp is designed for various activities such as camping, hiking, running, and fishing, offering multiple lighting modes, motion sensor functionality, and a durable, waterproof design. This manual provides essential information for the safe and effective use of your headlamp.



Image: The Staaricc HL-001 Rechargeable LED Headlamp, showcasing its compact design and adjustable strap.

Safety Information

- Do not look directly into the LED light when it is on, as this may cause temporary vision impairment or eye damage.
- Keep the headlamp away from children to prevent misuse or accidental injury.
- Do not attempt to disassemble or modify the headlamp, as this will void the warranty and may cause damage or injury.
- Use only the provided USB-C charging cable or a certified equivalent for charging.
- Avoid exposing the headlamp to extreme temperatures or direct sunlight for prolonged periods.
- Ensure the charging port cover is securely closed when not charging to maintain water resistance.

Package Contents

Each package contains the following items:

- 2 x Staaricc HL-001 Rechargeable LED Headlamps
- 2 x USB-C Charging Cables
- 1 x Instruction Manual

Product Overview



Image: A detailed diagram illustrating the key components of the multi-function headlamp, including the LED chip, Key Mode Button, Sensor Mode Button, Power Display, Type-C Input, and Adjustable Headband.

Key Features

- **Bright Illumination:** Equipped with upgraded brighter LED chips, providing up to 1000 lumens for comprehensive lighting.
- **Rechargeable Battery:** Features a built-in large-capacity Lithium-Ion rechargeable battery, offering 4-12 hours of use on a 2-4 hour charge via USB-C.
- **5 Lighting Modes:** Includes Main Strong Beam, Main Weak Beam, Side Flood Beam, Red Warning Beam, and Red & White Strobe.

- **Motion Sensor Function:** Allows for hands-free operation by waving your hand to turn the light ON or OFF.
- **Lightweight & Adjustable:** Weighs only 2.4 oz (68g) with a lightweight elastic headband for comfort. The headlamp can be rotated 60° to adjust the lighting angle.
- **Durable & Waterproof:** Constructed from high-strength plastic with good heat dissipation and impact resistance. Designed to be waterproof for outdoor activities.

Setup

1. Charging the Headlamp

1. Locate the USB-C charging port on the headlamp.
2. Connect the provided USB-C cable to the headlamp and a compatible USB power source (e.g., wall adapter, computer, power bank).
3. The power indicator lights will cycle during charging, showing the battery level (25%, 50%, 100%).
4. A full charge typically takes 2-4 hours. Disconnect the cable once fully charged.

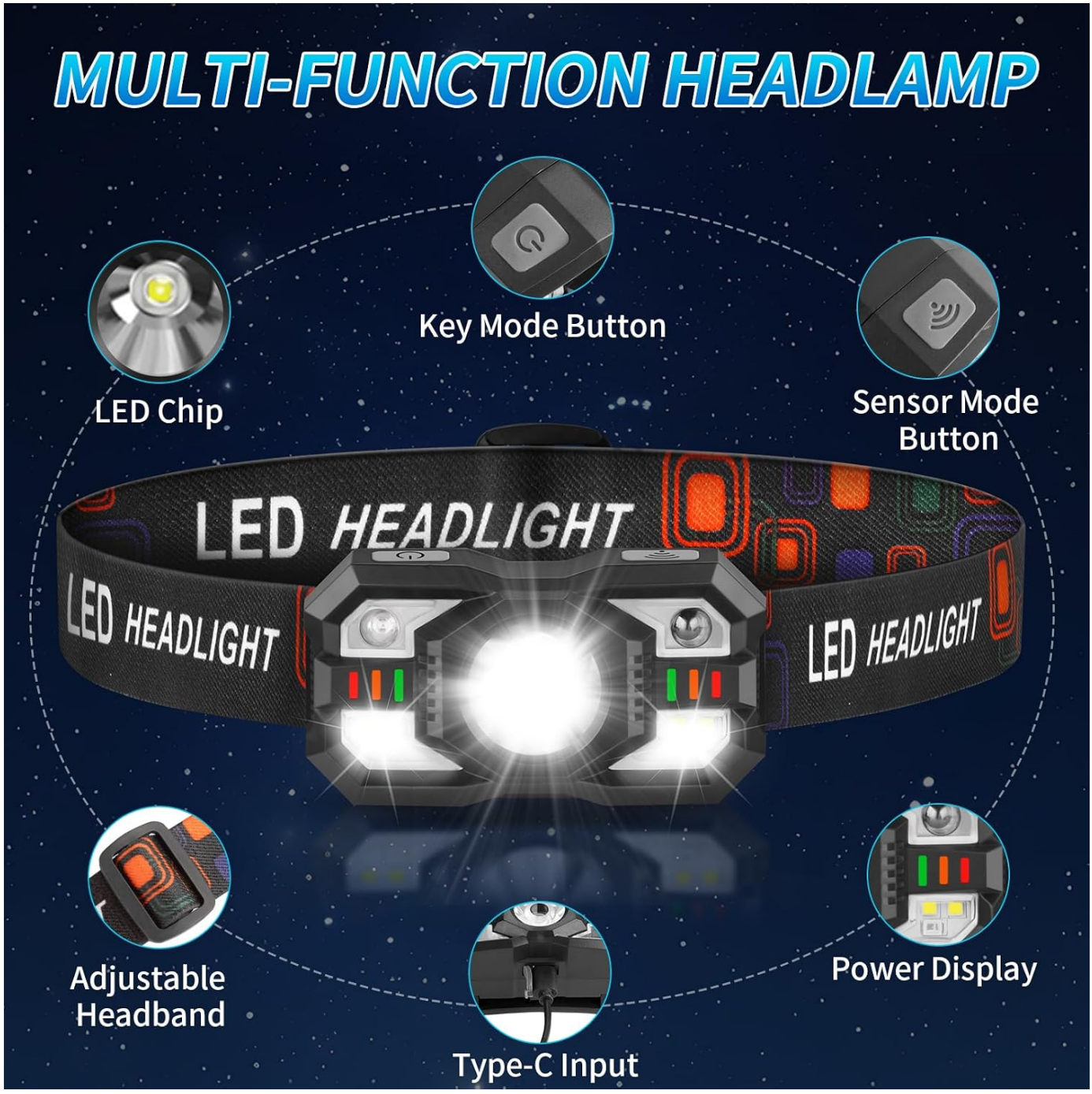


Image: The headlamp connected to a USB-C charging cable, with power indicator lights showing charging status.

2. Adjusting the Headband

- Place the headlamp on your head.
- Use the adjustable buckle on the elastic headband to achieve a comfortable and secure fit.
- The headlamp unit can be tilted up or down by 60° to direct the light as needed.

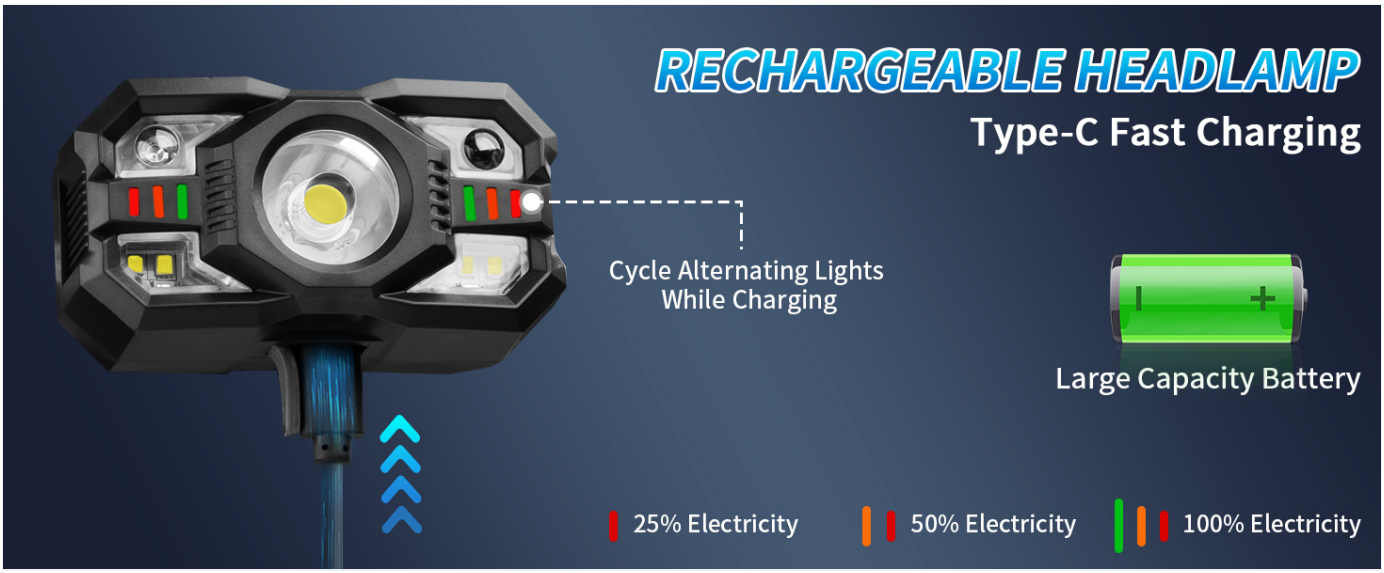


Image: Illustration of the headlamp's 60-degree adjustable angle and the mechanism for adjusting the elastic headband for a comfortable fit.

Operation

1. Powering On/Off and Switching Lighting Modes

1. Press the **Key Mode Button** (power button) once to turn on the headlamp to the default mode.
2. Subsequent short presses of the **Key Mode Button** will cycle through the 5 lighting modes: Main Strong Beam → Main Weak Beam → Side Flood Beam → Red Warning Beam → Red & White Strobe.
3. To turn off the headlamp directly from any mode, press and hold the **Key Mode Button** for 3 seconds.



Image: A visual representation of the five distinct working modes of the headlamp: Main Light High, Main Light Low, Side Light, Red Light, and White & Red Flash Light.

2. Using the Motion Sensor Function

1. Press the **Sensor Mode Button** (wave icon button) to activate the motion sensor function.
2. Once activated, you can turn the headlamp ON or OFF by simply waving your hand in front of the sensor.
3. To deactivate the motion sensor function, press the **Sensor Mode Button** again.

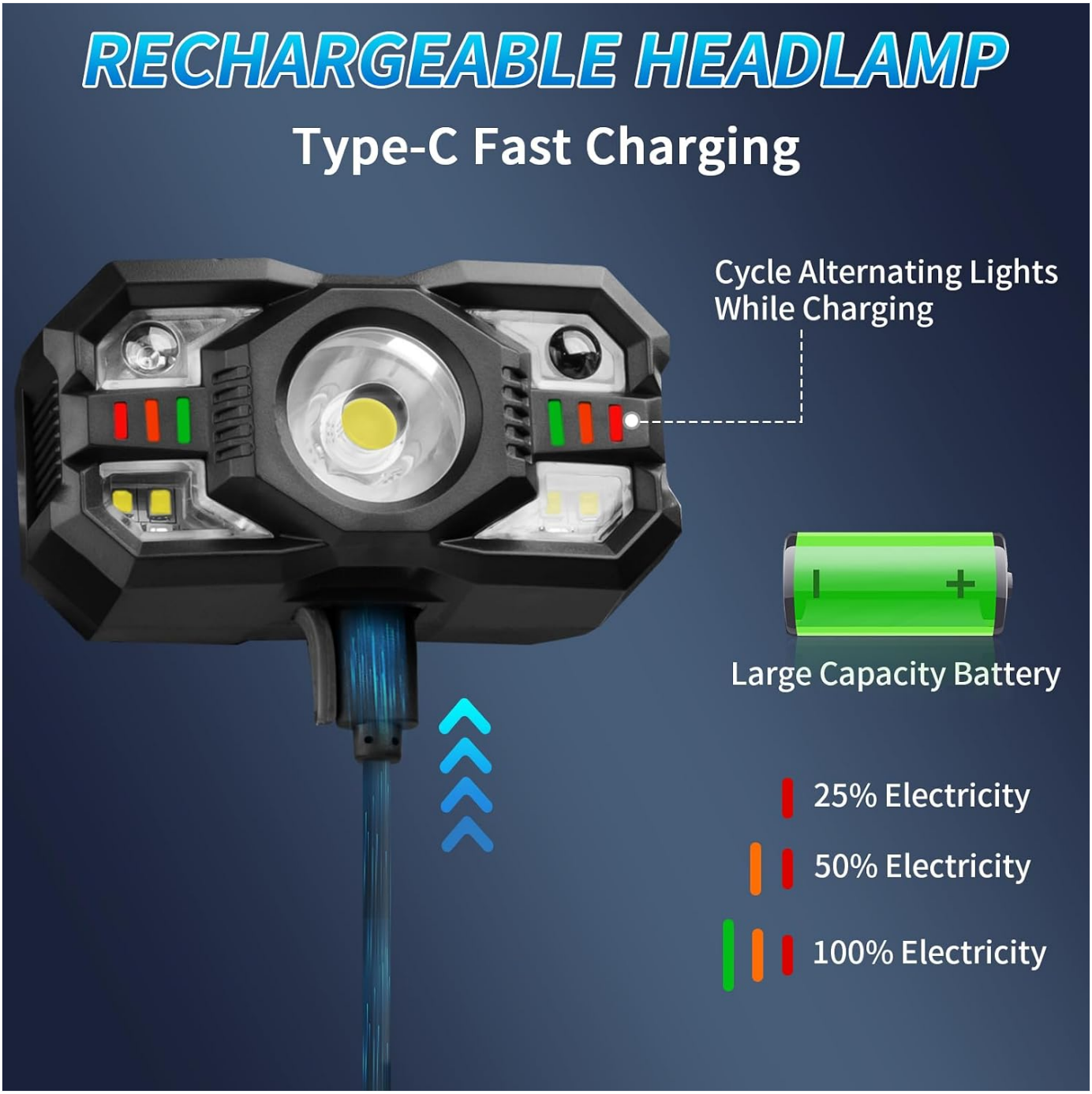


Image: A diagram illustrating the motion sensor function, showing how to activate it with the Sensor Mode Button and operate the light by waving a hand.

Maintenance

- **Cleaning:** Wipe the headlamp with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the headlamp in a cool, dry place away from direct sunlight when not in use for extended periods.
- **Battery Care:** To prolong battery life, charge the headlamp at least once every three months, even if not in regular use.

Troubleshooting

Problem	Possible Cause	Solution
Headlamp does not turn on.	Battery is depleted.	Charge the headlamp fully using the USB-C cable.

Problem	Possible Cause	Solution
Headlamp does not turn on.	Motion sensor mode is active and not detecting a wave.	Press the Key Mode Button to switch to manual mode, or wave your hand in front of the sensor.
Battery not charging.	Faulty cable or power source.	Try a different USB-C cable or power adapter. Ensure connections are secure.
Light modes are not switching.	Button malfunction or low battery.	Ensure the battery is charged. If the issue persists, contact customer support.

Specifications

Feature	Detail
Model Number	HL-001
Light Source Type	LED
Brightness	Up to 1000 Lumens
Power Source	Battery Powered (Lithium Ion)
Charging Time	2-4 hours
Run Time	4-12 hours (depending on mode)
Weight	2.4 ounces (approx. 68g)
Dimensions (LxWxH)	2.95"D x 1.77"W x 1.69"H
Adjustable Angle	60 Degrees
Water Resistance Level	Waterproof
Material	Plastic

Warranty and Support

Staaricc products are designed for reliability and performance. For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official Staaricc website. Please retain your proof of purchase for warranty claims.

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.

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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