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Beteray Beteray-12

Beteray LED Rechargeable Headlamp

Model: Beteray-12 User Manual

Introduction

Thank you for choosing the Beteray LED Rechargeable Headlamp. This manual provides essential information for the safe and effective use of your headlamp. Designed for versatility and durability, this headlamp is ideal for various activities including camping, hiking, fishing, hunting, cycling, cave exploration, reading, and car repair.

The Beteray Headlamp features a powerful T6 LED bulb, multiple lighting modes, a zoom function, and a long-lasting rechargeable battery, all housed in a robust, water-resistant aluminum alloy body.

Safety Information

- Do not look directly into the LED light when it is on, as it can cause temporary vision impairment.
- Keep out of reach of children.
- Do not disassemble or modify the headlamp. This may void the warranty and pose a safety risk.
- Use only the provided USB charging cable or a compatible 5V USB charger.
- 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 IPX45 water resistance.

What's in the Box

- 1 x Beteray LED Rechargeable Headlamp
- 1 x USB Charge Cable
- 1 x User Manual
- 2 x 1200mAh Rechargeable Batteries (pre-installed)

Setup

1. Initial Charge

Before first use, fully charge the headlamp. The headlamp comes with two high-capacity 1200mAh rechargeable batteries. Locate the USB charging port, typically on the battery compartment at the rear of the headlamp. Connect the provided USB cable to the headlamp and a suitable USB power source (e.g., wall adapter, computer, power bank).



Figure 1: USB Interface and Rechargeable Batteries

A full charge provides up to 4 hours of continuous use on high brightness mode and 8 hours on medium brightness mode.

2. Adjusting the Headband

The headlamp features an adjustable elastic headband designed to fit various head sizes (16-50 inches). Adjust the straps for a comfortable and secure fit. The lamp head can be adjusted up to 90 degrees vertically to direct the light where needed.



Figure 2: Premium Details - Adjustable Headband and Lamp Head Adjustment

Operating Instructions

1. Power On/Off and Mode Selection

Press the power button located on the headlamp to cycle through the three available lighting modes:

1. **High Brightness:** 800 lumens for maximum illumination.
2. **Medium Brightness:** 500 lumens for balanced light and battery life.

3. **Burst Flash Mode:** For signaling or emergency situations.

To turn off the headlamp, continue pressing the power button until the light turns off, or press and hold the button for a few seconds in any mode.

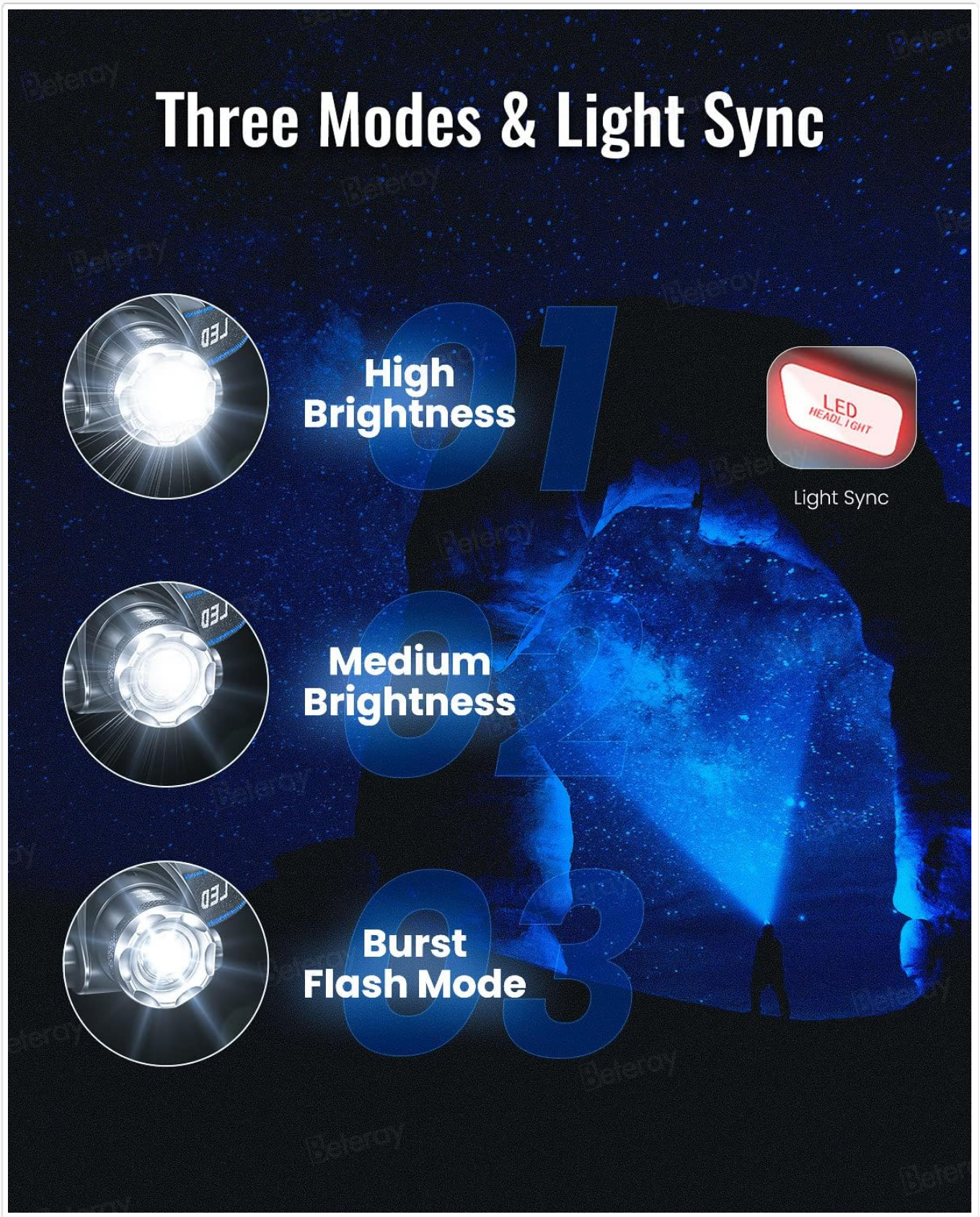

Figure 3: Three Lighting Modes and Light Sync

2. Zoom Function

The headlamp features a rotating zoom function on the lamp head. Rotate the bezel to switch between floodlight and spotlight modes:

- **Floodlight:** Provides a wide beam (85° beam angle) for illuminating a large area.
- **Spotlight:** Narrows the beam (25° beam angle) for long-distance illumination (up to 300-500 meters).



Figure 4: Mechanical Rotating Zoom Function

3. Light Sync (Rear Warning Light)

The lamp in the rear battery compartment is synchronized with the main lamp mode and emits a red light. This feature is designed for warning others or for signaling in emergency situations, enhancing safety during outdoor activities.

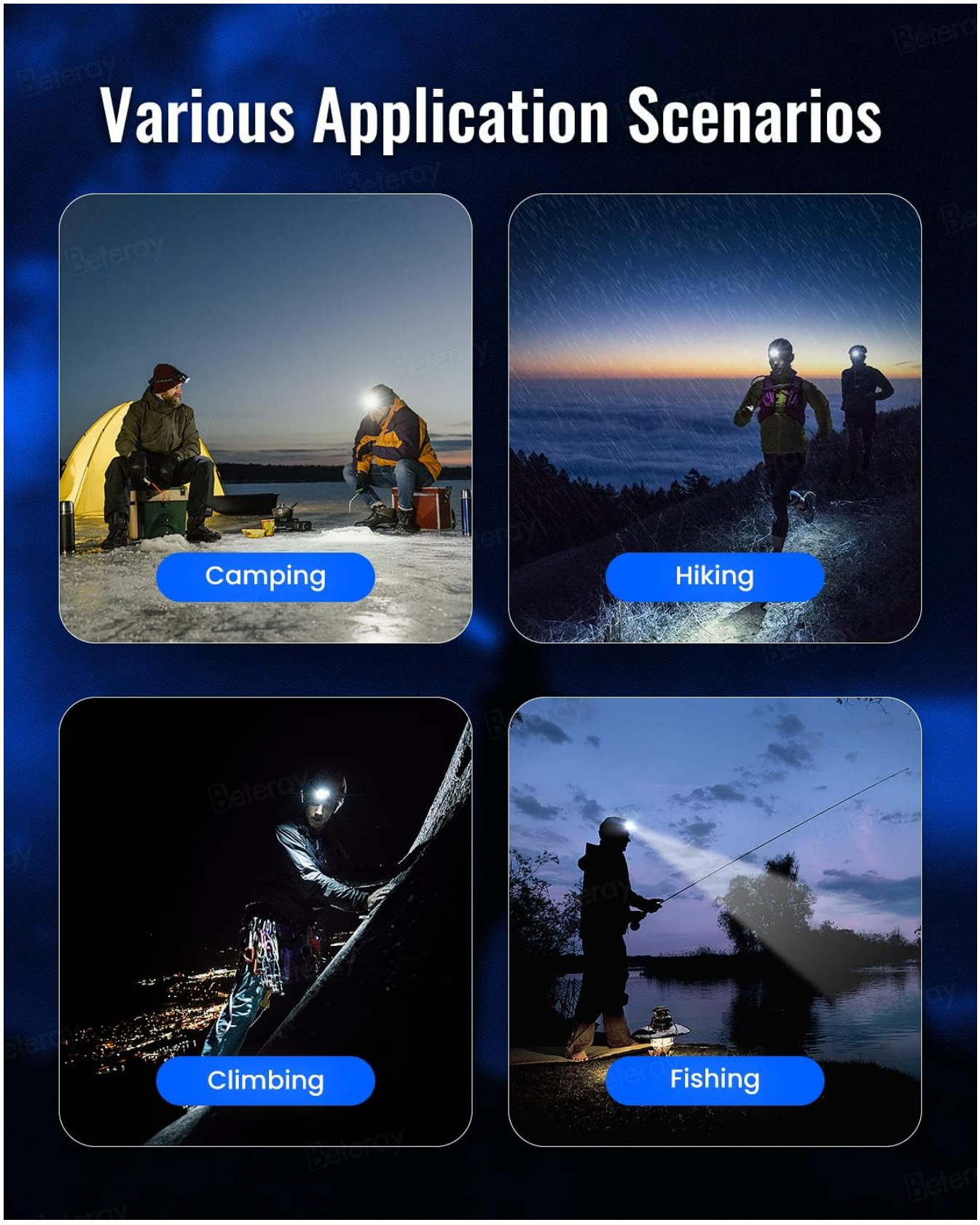

Figure 5: Versatile Application Scenarios

Maintenance

1. Charging

Recharge the headlamp when the light dims or before extended periods of non-use. The batteries are rechargeable and recyclable. Always ensure the USB charging port is clean and dry before connecting the cable.

2. Cleaning

Wipe the headlamp with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the headlamp is completely dry before storage or next use.

3. Storage

Store the headlamp in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, charge the batteries every 3-6 months to maintain their lifespan.

4. Water Resistance

The headlamp is rated IPX45 waterproof, meaning it is protected against splashing water from any direction. It is suitable for use in rainy conditions but should not be submerged in water.

Troubleshooting

Problem	Possible Cause	Solution
Headlamp does not turn on.	Low or depleted battery.	Charge the headlamp fully.
Light is dim or flickers.	Low battery charge.	Recharge the headlamp.
Battery not charging.	Faulty USB cable or power source; battery issue.	Try a different USB cable and power source. Ensure the charging port is clean. If issues persist, contact customer support.
Headband slips or is uncomfortable.	Improper adjustment.	Adjust the elastic straps for a snug and comfortable fit.

Specifications

Feature	Detail
Brand	Beteray
Model Number	Beteray-12
Light Source Type	LED (T6 Lamp Bead)
Brightness	800 Lumens (High), 500 Lumens (Medium)
Lighting Modes	High, Medium, Burst Flash
Power Source	Battery Powered (2 x 1200mAh Lithium Batteries)
Runtime	Up to 4 hours (High), 8 hours (Medium)
Material	Aluminum Alloy (Lamp Cap)
Water Resistance	IPX45 Rated
Special Features	Rotary Zoom Function, 90° Vertical Adjustment, Red Warning Light (Battery Compartment)

Feature	Detail
Item Weight	9.6 ounces
UPC	792554261036

Warranty and Support

Limited Warranty

This product comes with a limited warranty. Please refer to the product packaging or contact the seller for specific warranty terms and conditions. Keep your purchase receipt as proof of purchase.

Customer Support

For any questions, concerns, or assistance with your Beteray LED Rechargeable Headlamp, please contact us through Amazon. Our customer satisfaction is a top priority, and we are here to help with any inquiries you may have before or after purchase.

Thank you for choosing Beteray.

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