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NPET LEHL01CG

NPET H1 LED Headlamp User Manual

Model: LEHL01CG

1. INTRODUCTION

Thank you for purchasing the NPET H1 LED Headlamp. This manual provides essential information for the safe and efficient use of your headlamp. The NPET H1 is a high-performance, USB rechargeable headlamp featuring 1100 lumens brightness, IPX6 waterproof rating, and multiple lighting modes, designed for various outdoor activities and emergency situations.



Image: The NPET H1 Headlamp in use during a hike, showcasing its hands-free illumination.

2. PRODUCT OVERVIEW AND COMPONENTS

The NPET H1 Headlamp is designed for durability and ease of use. Familiarize yourself with the main components:

- **Headlamp Unit:** Contains the LED lights, control button, and battery compartment.
- **Headband:** Adjustable and elastic for comfortable wear.

- **USB Charging Cable:** For recharging the internal battery.
- **Storage Box:** For convenient storage and transport.



Image: Contents of the NPET H1 Headlamp package, showing the headlamp, battery, charging cable, storage box, and instruction manual.

3. SPECIFICATIONS

Feature	Specification
Manufacturer	NPET
Product Model Number	LEHL01CG
Product Dimensions	10.6 x 4.5 x 5.5 cm
Weight	180 g (total), 55 g (main unit)
Power Source	Battery Powered
Light Source Type	CREE XML2 LED (2 chips)

Maximum Brightness	1100 Lumens
Beam Distance	Up to 202 meters
Battery Capacity	2000mAh
Charging Type	Type-C USB
Charging Time	Approximately 2 hours
Runtime	3-100 hours (depending on mode)
Waterproof Rating	IPX6
Material	Aviation Aluminum Alloy

4. SETUP

4.1 Attaching and Adjusting the Headband

The headlamp comes with an elastic headband. To attach, slide the headband through the slots on the headlamp unit. Adjust the length of the headband to ensure a comfortable and secure fit on your head. The highly elastic material allows it to fit both children and adults.

4.2 Adjusting the Light Angle

The headlamp unit can be tilted up to 180 degrees to direct the light beam precisely where needed. Gently pivot the headlamp unit to achieve the desired angle.



Image: Illustrations demonstrating the adjustable headband length and 180-degree tilt function of the headlamp.

5. OPERATION

5.1 Power On/Off and Mode Selection

The headlamp features a single control button for all functions:

- **Single Press:** Turns the light ON/OFF and cycles through Low Brightness and High Brightness modes.
- **Double Press:** Activates the special modes: Strobe, SOS, and Flashing. Double-press again to cycle through these modes.

- **Long Press:** Activates the 5-stage dimming mode, allowing you to adjust brightness from 50 to 1100 lumens. Release the button at your desired brightness level.



Image: Visual guide to the headlamp's button functions for power, brightness, and special modes.

5.2 Charging the Headlamp

The NPET H1 Headlamp is equipped with a Type-C USB charging port. The port is innovatively hidden by a screw mechanism to enhance its waterproof and dustproof capabilities.

1. Locate the USB charging port, usually covered by a screw cap on the side of the headlamp unit.
2. Unscrew the cap to expose the Type-C USB port.
3. Connect the provided USB charging cable to the headlamp and a compatible USB power source (e.g., computer, wall adapter).
4. The charging indicator light will show the charging status. Charging typically takes about 2 hours.
5. Once fully charged, disconnect the cable and securely screw the cap back onto the USB port to maintain waterproof integrity.



USB充電式

USB充電ポートは
ネジに隠されます。
外観的に綺麗し、
水に避けます。

Image: The headlamp being charged via its Type-C USB port, connected to a laptop.

5.3 Runtime Information

Mode	Lumens	Approximate Usage Time
Low Brightness	200LM	6 hours
High Brightness	1100LM	3 hours
5-Stage Dimming (Low Energy)	50LM-1100LM	3-100 hours

The actual runtime may vary based on environmental conditions and battery age.

6. MAINTENANCE

6.1 Cleaning

Wipe the headlamp with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the finish or internal components. Ensure the USB port cap is securely closed before cleaning with water.

6.2 Battery Care

To prolong battery life, charge the headlamp regularly, even if not in frequent use. Avoid fully discharging the battery for extended periods. Store the headlamp with a partial charge (around 50%) if it will not be used for a long time.

6.3 Storage

Store the headlamp in a cool, dry place, away from direct sunlight and extreme temperatures. Use the provided storage box for protection when not in use.

7. TROUBLESHOOTING

- **Light does not turn on:**
 - Ensure the battery is charged. Connect the headlamp to a power source using the USB cable.
 - Check if the USB port cap is securely closed after charging.
- **Light is dim:**
 - The battery level might be low. Recharge the headlamp fully.
 - Ensure you are not in a low-energy dimming mode. Cycle through modes to select a brighter setting.
- **Headlamp gets warm during use:**
 - It is normal for the headlamp to generate some heat, especially when operating at high brightness settings. This is due to the powerful LED output. If it becomes excessively hot, consider switching to a lower brightness mode.
- **Water or dust ingress:**
 - Ensure the USB port cap is always securely fastened when not charging to maintain the IPX6 waterproof and dustproof rating.

8. SAFETY INFORMATION

- Do not look directly into the LED light when it is on, as it can cause temporary vision impairment.
- Keep the headlamp out of reach of children.
- Do not disassemble or modify the headlamp. This may void the warranty and pose safety risks.
- Dispose of the battery according to local regulations. Do not expose the battery to fire or extreme temperatures.
- Ensure the USB port cap is always tightly closed when using the headlamp in wet or dusty environments to maintain its IPX6 rating.



IPX6 防水・防塵

雨の日に使ってOK!



耐衝撃

6063-T5アルミニウム製で、頑丈です。

Image: The headlamp operating effectively in rainy conditions, highlighting its IPX6 waterproof and dustproof design.

9. WARRANTY AND SUPPORT

The NPET H1 Headlamp comes with a **12-month product warranty** from the date of purchase. If you encounter any issues or have questions regarding your product, please contact us through your Amazon purchase history. Our customer support team will be happy to assist you.