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Everbeam H6 Pro

Everbeam H6 Pro LED Headlamp User Manual

Model: H6 Pro

1. Introduction

Thank you for choosing the Everbeam H6 Pro LED Headlamp. This manual provides essential information for the safe and effective use, maintenance, and troubleshooting of your device. Please read it thoroughly before operation and retain it for future reference.

Image 1.1: Everbeam H6 Pro Headlamp with included accessories (USB cable and storage case).

2. Product Overview

2.1 Key Features

- **650 Lumen Brightness:** Provides powerful illumination up to 126 meters (413 feet).
- **Multiple Light Modes:** Includes two white light brightness levels, SOS mode, and a red light mode.
- **Motion Sensor Control:** Allows hands-free operation by waving your hand in front of the sensor.
- **Rechargeable Battery:** Built-in 1200mAh lithium-ion battery offers extended runtime.
- **Durable Design:** IPX4 water resistance for protection against splashes and light rain.
- **Lightweight and Compact:** Weighs approximately 72g (2.5oz) for comfortable wear.

2.2 Components

- Everbeam H6 Pro Headlamp
- Adjustable Elastic Headband
- USB Charging Cable
- Storage Case

Image 2.1: Headlamp and its accessories, highlighting the 1200mAh battery capacity.

2.3 Controls and Indicators

Image 2.2: Detailed view of the headlamp's controls and features.

- **Power/Mode Button:** Controls power and cycles through white light modes.
- **Sensor Button:** Activates/deactivates motion sensor control.
- **Motion Sensors:** Detects hand gestures for hands-free operation.
- **White Light LED:** Main illumination source.
- **Red Light LEDs:** Provides low-impact illumination, ideal for night vision preservation.
- **USB Charging Port:** For recharging the internal battery.
- **Power Indicator:** Displays battery status.

3. Setup

3.1 Initial Charge

1. Before first use, fully charge the headlamp.
2. Connect the supplied USB charging cable to the headlamp's USB charging port.
3. Plug the other end of the cable into a standard USB power source (e.g., computer, wall adapter).
4. The power indicator will show charging status (e.g., red for charging, green for fully charged).
5. A full charge typically takes approximately 3 hours.

3.2 Adjusting the Headband

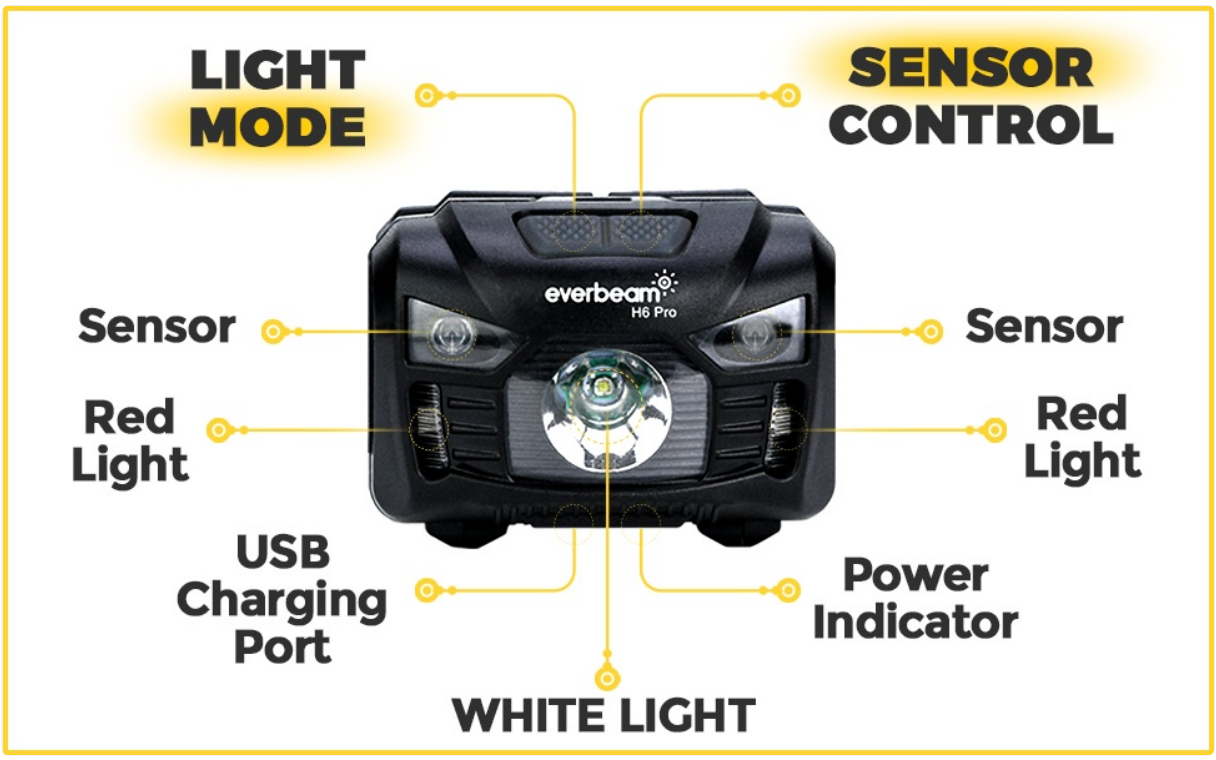

Image 3.1: The adjustable and comfortable elastic headband.

- Place the headlamp on your head.
- Adjust the elastic strap using the buckles on either side to achieve a snug yet comfortable fit.
- The headlamp unit can be tilted up to 60 degrees to direct the light beam as needed.

4. Operating Instructions

4.1 Power On/Off and Light Modes

1. **To Turn On:** Press the Power/Mode button once. The headlamp will activate in the last used white light mode.
2. **To Change White Light Modes:** Press the Power/Mode button repeatedly to cycle through High White Light, Low White Light, and SOS White Light.
3. **To Activate Red Light:** From any white light mode, press and hold the Power/Mode button for approximately 2 seconds. The headlamp will switch to Red Light mode.
4. **To Change Red Light Modes:** In Red Light mode, press the Power/Mode button once to switch between steady Red Light and Red Strobe.
5. **To Turn Off:** Press the Power/Mode button until the light turns off, or press and hold the Power/Mode button for 2 seconds from any mode.

Image 4.1: The headlamp providing 650 lumens of illumination in a dark environment.

4.2 Motion Sensor Control

The motion sensor allows for convenient hands-free operation, ideal when your hands are occupied.

1. **To Activate Sensor Mode:** With the headlamp on, press the Sensor button once. The sensor indicator light will illuminate.
2. **To Use Sensor Control:** Wave your hand approximately 4-10 cm (1.5-4 inches) in front of the headlamp to turn the light on or off.
3. **To Deactivate Sensor Mode:** Press the Sensor button again. The sensor indicator light will turn off.

Image 4.2: Demonstrating motion sensor use for hands-free operation.

5. Maintenance

5.1 Cleaning

- Wipe the headlamp body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Ensure the USB charging port cover is securely closed to maintain water resistance.

5.2 Battery Care

- To prolong battery life, recharge the headlamp regularly, even if not used frequently.
- Avoid completely draining the battery before recharging.
- Store the headlamp in a cool, dry place when not in use.

5.3 Storage

- Store the headlamp in its provided case to protect it from dust and physical damage.
- Keep out of direct sunlight and extreme temperatures.

6. Troubleshooting

Problem	Possible Cause	Solution
Headlamp does not turn on.	Low battery.	Charge the headlamp fully.
Light is dim or flickers.	Low battery.	Recharge the headlamp.
Motion sensor not responding.	Sensor mode not activated. Obstruction in front of sensor.	Ensure sensor mode is active (indicator light on). Clear any obstructions. Ensure hand is within 4-10 cm range.
Headlamp not charging.	Faulty cable or power source.	Try a different USB cable or power adapter. Ensure cable is securely connected.

7. Specifications

Feature	Detail
Model	H6 Pro
Brightness (White Light)	650 Lumens
Beam Distance	Up to 126 meters (413 feet)
Battery Type	Built-in 1200mAh Lithium-Ion
Runtime (White Light High)	Approx. 2.5 hours
Runtime (White Light Low)	Approx. 6.5 hours
Runtime (Red Light)	Up to 20 hours
Charging Time	Approx. 3 hours
Water Resistance	IPX4 (Splash-proof)
Weight	72g (2.5 oz)
Material	Plastic
Dimensions	3.15"D x 2.37"W x 0.79"H

Image 7.1: The headlamp's IPX4 water resistance.

8. Warranty and Support

8.1 Warranty Information

The Everbeam H6 Pro LED Headlamp comes with a**2-year warranty** from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

8.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your Everbeam H6 Pro Headlamp, please contact Everbeam customer support through the retailer's platform or the official Everbeam website. Please have your purchase receipt and product model number (H6 Pro) available when contacting support.

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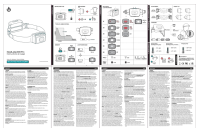
Related Documents - H6 Pro

	BioLite HeadLamp 800 Pro: Instructions and Usage Guide Comprehensive guide to operating, adjusting, charging, and maintaining the BioLite HeadLamp 800 Pro, including safety information and lighting modes.
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	LUX PRO MINI720 Rechargeable LED Headlamp User Manual User manual for the LUX PRO MINI720 High-Performance Rechargeable LED Headlamp, providing detailed instructions on operation, features, charging, product warranty, and ANSI/PLATO FL1 standard performance specifications.
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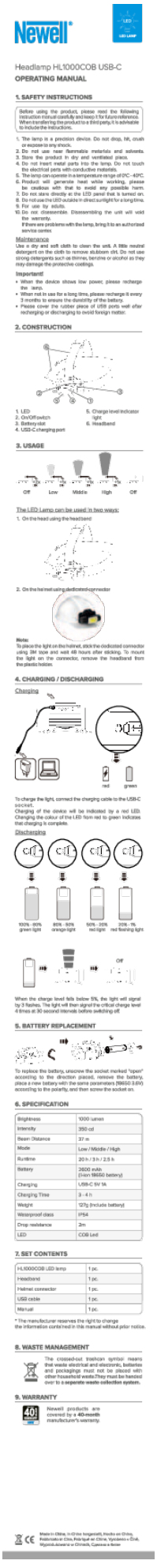

Headlamp HL1000COB USB-C
OPERATING MANUAL

1. SAFETY INSTRUCTIONS

Before using the product, please read the following instruction manual carefully and keep it for future reference. When transferring the product to a third party, it is advisable to include the instructions.

1. The lamp is a precision device. Do not drop, hit, crush or expose to any shock.
2. Do not use near flammable materials and solvents.
3. Store the product in dry and ventilated place.
4. Do not insert metal parts into the lamp. Do not touch the electrical parts with conductive materials.
5. The lamp can operate in a temperature range of 0°C - 40°C.
6. Product will generate heat while working, please be cautious with that to avoid any possible harm.
7. Do not stare directly at the LED panel that is turned on.
8. Do not use the LED outside in direct sunlight for a long time.
9. For use by adults.
10. Do not disassemble. Disassembling the unit will void the warranty.
If there are problems with the lamp, bring it to an authorized service centre.

Maintenance
Use a dry and soft cloth to clean the unit. A little neutral detergent on the cloth to remove stubborn dirt. Do not use strong detergents such as thinner, benzine or alcohol as they may damage the protective coatings.

Important!
- When the device shows low power, please recharge the lamp.
- When not in use for a long time, please recharge it every 3 months to ensure the durability of the battery.
- Please cover the rubber piece of USB ports well after recharging or discharging to avoid foreign matter.

2. CONSTRUCTION

1. LED
2. On/Off switch
3. Battery slot
4. USB-C charging port
5. Charge level indicator light
6. Headband

3. USAGE

Off Low Middle High Off

The LED Lamp can be used in two ways:

1. On the head using the headband

2. On the helmet using dedicated connector

Note:
To place the light on the helmet, stick the dedicated connector using 3M tape and wait 48 hours after sticking. To mount the light on the connector, remove the headband from the plastic holder.

4. CHARGING / DISCHARGING

Charging

red green

To charge the light, connect the charging cable to the USB-C socket.
Charging of the device will be indicated by a red LED. Changing the colour of the LED from red to green indicates that charging is complete.

Discharging

100% - 60% green light
60% - 30% orange light
30% - 10% red light
10% - 1% red flashing light

Off

When the charge level falls below 5%, the light will signal by 3 flashes. The light will then signal the critical charge level 4 times at 30 second intervals before switching off.

5. BATTERY REPLACEMENT

To replace the battery, unscrew the socket marked "open" according to the direction placed, remove the battery, place a new battery with the same parameters (18650 3.6V) according to the polarity, and then screw the socket on.

6. SPECIFICATION

Brightness	1000 lumen
Intensity	350 cd
Beam Distance	37 m
Mode	Low / Middle / High
Runtime	20 h / 3 h / 2.5 h
Battery	2600 mAh (1×on 18650 battery)
Charging	USB-C 5V 1A
Charging Time	3 - 4 h
Weight	127g (include battery)
Waterproof class	IP54
Drop resistance	2m
LED	COB Led

7. SET CONTENTS

HL1000COB LED lamp	1 pc.
Headband	1 pc.
Helmet connector	1 pc.
USB cable	1 pc.
Manual	1 pc.

* The manufacturer reserves the right to change the information contained in this manual without prior notice.

8. WASTE MANAGEMENT

The crossed-out trashcan symbol means that waste electrical and electronic, batteries and packagings must not be placed with other household waste.They must be handed over to a **seperate waste collection system.**

9. WARRANTY

Newell products are covered by a **40-month** manufacturer's warranty.

Made in China, in Chine hergestellt, Hecho en China, Fabriqué en Chine, Prodotto in Cina, Vyrobeno v Číně, Wyprodukowane w Chinach, Cyprano в Китае

[Newell HL1000COB Head Flashlight USB-C User Manual]

Detailed user manual for the Newell HL1000COB Head Flashlight, covering features, operation, USB-C charging, specifications, and safety guidelines for this powerful LED headlamp.