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## ODEAR L11

# ODEAR L11 Rechargeable LED Headlamp User Manual

Model: L11

## 1. INTRODUCTION

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Thank you for choosing the ODEAR L11 Rechargeable LED Headlamp. This headlamp is designed for various indoor and outdoor activities, providing bright, reliable illumination. It features an ultra-bright LED bulb, adjustable lighting angle, and a rechargeable battery for extended use. Please read this manual carefully to ensure proper operation and maintenance of your device.



*Image: The ODEAR L11 Rechargeable LED Headlamp with its adjustable strap, showcasing its compact design.*

## 2. SAFETY INFORMATION

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- Do not look directly into the LED light. The intense beam can cause temporary vision impairment.
- Keep the headlamp away from children.
- Do not attempt to disassemble or modify the headlamp. This may void the warranty and cause damage.
- Use only the provided USB cable for charging.
- Avoid exposing the headlamp to extreme temperatures or direct sunlight for prolonged periods.
- Ensure the charging port is dry before connecting the USB cable.

## 3. PRODUCT OVERVIEW

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The ODEAR L11 Headlamp consists of the following main components:

- **LED Light Unit:** Houses the ultra-bright LED bulb and reflector.
- **Adjustable Lamp Holder:** Allows for vertical angle adjustment of the light beam.
- **Power Button:** Controls power on/off and switches between lighting modes.
- **Charging Port:** Micro USB port for recharging the internal battery.

- **Elastic Headband:** Adjustable strap for comfortable and secure fit on the head.



*Image: Technical drawing illustrating the dimensions of the ODEAR L11 headlamp, showing its compact size.*

## 4. SETUP

### 4.1 Initial Charge

Before first use, fully charge the headlamp. The device comes with a built-in rechargeable battery.

1. Locate the charging port on the headlamp unit.
2. Connect the included USB charging cable to the headlamp's charging port.
3. Plug the other end of the USB cable into a compatible USB power source (e.g., wall adapter, computer USB

port, power bank).

4. An indicator light will show the charging status (refer to the light behavior for full charge indication, typically green or off when complete).
5. Allow approximately 4-6 hours for a full charge.



*Image: Diagram illustrating various methods for USB charging the headlamp, including wall adapters, power banks, and laptops.*

## 4.2 Adjusting the Headband

The elastic headband is adjustable to fit various head sizes comfortably.

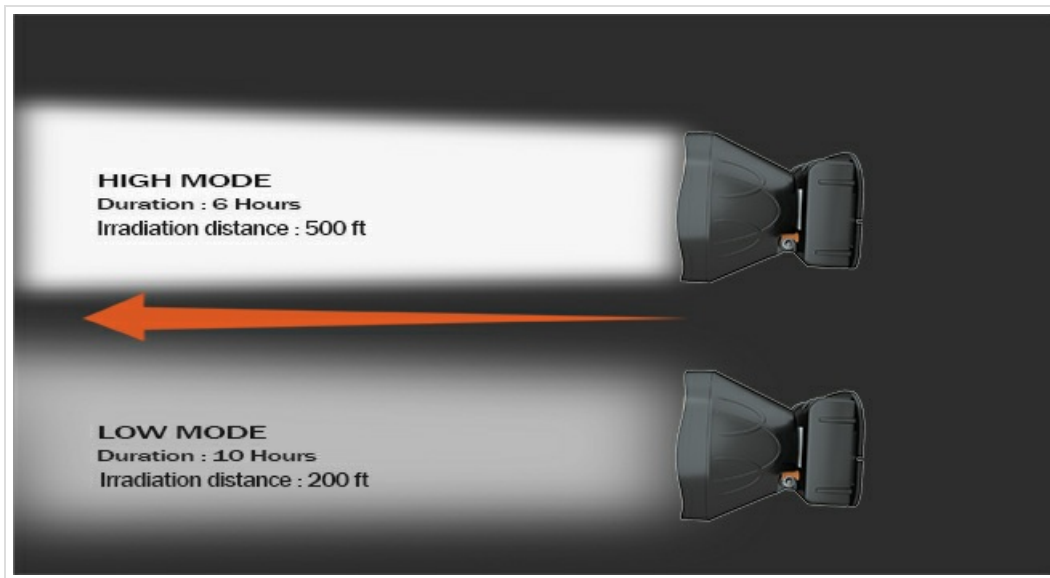
1. Place the headlamp on your head.
2. Use the adjustable buckles on the elastic strap to tighten or loosen the headband until it feels secure but comfortable.

## 5. OPERATING INSTRUCTIONS

### 5.1 Power On/Off and Mode Selection

The headlamp features two lighting modes: High and Low.

1. **To Power On:** Press the power button once. The headlamp will turn on in High mode.
2. **To Switch Modes:** Press the power button again to cycle to Low mode. Pressing it a third time will turn the headlamp off.
3. **To Power Off:** Continue cycling through modes until the light turns off, or press and hold the power button for a few seconds (if applicable, otherwise cycle through).



*Image: A graphic comparing the approximate duration and irradiation distance for the headlamp's high and low light modes.*

## **5.2 Adjusting Lighting Angle**

The lamp holder can be rotated up to 45 degrees to direct the light beam precisely where needed.

1. Gently hold the light unit.
2. Tilt the light unit up or down to achieve the desired angle.

# Degrees adjust freely

Head up and down  
Degrees Adjustment,  
You could control freely



*Image: Diagram showing the headlamp's adjustable lamp holder, allowing for flexible lighting angles up to 45 degrees.*



*Image: Illustration demonstrating the 45-degree adjustable lighting angle of the headlamp for directing light as needed.*

### 5.3 Water Resistance

The ODEAR L11 headlamp is rated IPX5, meaning it is protected against splashing or spraying water from any angle. It is suitable for use in rainy conditions but should not be submerged in water.



*Image: The headlamp shown with water droplets, indicating its IPX5 water-resistant design, suitable for use in light rain.*

## 6. MAINTENANCE

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## 6.1 Cleaning

To clean the headlamp, wipe it with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the surface or internal components.

## 6.2 Battery Care

- Recharge the battery regularly, even if the headlamp is not frequently used, to maintain battery health.
- Avoid completely draining the battery before recharging.
- If storing for an extended period, charge the battery to about 50% and recharge every 3-6 months.

## 6.3 Storage

Store the headlamp in a cool, dry place away from direct sunlight and extreme temperatures.

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## 7. TROUBLESHOOTING

- **Headlamp does not turn on:** Ensure the battery is charged. Connect the headlamp to a power source using the USB cable and allow it to charge for a few hours.
- **Light is dim:** The battery may be low. Recharge the headlamp.
- **Charging indicator not working:** Check the USB cable and power source connections. Try a different USB port or adapter.
- **Headlamp flickers:** This could indicate a low battery or a loose connection. Try recharging the unit. If the issue persists, contact customer support.

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## 8. SPECIFICATIONS

Feature	Specification
Model	L11
Brand	ODEAR
Light Source Type	LED
Brightness	300 Lumens (White Brightness) / 300 Lux
Power Source	Battery Powered
Battery Type	1 Lithium Polymer (included)
Battery Cell Composition	Lithium Ion
Voltage	4.2 Volts
Wattage	15 Watts
Material	Plastic
Color	Black
Special Feature	Adjustable
Water Resistance Level	IPX5 (Waterproof)
Product Dimensions	3.3"D x 3.3"W x 3.3"H
Item Weight	7.36 ounces
Included Components	USB Cable

## 9. WARRANTY AND SUPPORT

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For warranty information or technical support, please refer to the product packaging or contact ODEAR customer service directly. Keep your purchase receipt as proof of purchase.