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## Ledlenser 502186

# Ledlenser P6R Work LED Rechargeable Torch User Manual

Model: 502186

## 1. INTRODUCTION

The Ledlenser P6R Work is a robust and versatile LED rechargeable torch designed for demanding work environments. It features high dust and water protection (IP68), impact-resistant rubber covers, and chemical resistance, ensuring durability. This manual provides essential information for the proper setup, operation, and maintenance of your P6R Work torch.

## 2. PRODUCT OVERVIEW

### Key Features

- **Durability:** IP68 dust and water protection, impact-protecting rubber covers, chemical resistance, and a protective lens.
- **Advanced Focus System:** Seamless transition between a focused spot beam and a wide flood beam.
- **Lighting Functions:** Includes SOS, Strobe, and Boost modes.
- **Natural Light:** High CRI 90 for accurate color reproduction.
- **Auxiliary Light:** Diffused, cool white auxiliary light on the side for close-range illumination.
- **Long Battery Life:** Up to 45 hours of lighting on a single charge.
- **Emergency Light Mode:** Provides illumination during power outages.

### Included Components

The Ledlenser P6R Work package typically includes the following items:

- Rechargeable Battery
- Magnetic Charging Cable
- Charging Station

- Hand Strap
- Pouch
- USB Power Adapter
- Intelligent Clip (Belt Clip)



Image: Contents of the Ledlenser P6R Work package, including the flashlight, rechargeable battery, magnetic charging cable, charging station, hand strap, pouch, USB power adapter, and intelligent clip.



Image: The Ledlenser P6R Work flashlight shown alongside its retail packaging, highlighting key features like 7-year warranty, 850 lumens, 230 meters beam distance, and IP68 rating.

### 3. SETUP

#### Battery Installation

1. Unscrew the end cap of the torch by turning it counter-clockwise.
2. Insert the included rechargeable battery with the positive (+) terminal facing towards the head of the torch.
3. Screw the end cap back on clockwise until secure.

**Flicker-free, neutral white working light with natural color rendering (CRI 90)**



Image: A close-up view demonstrating how to open the battery compartment and insert the rechargeable battery into the flashlight.

## Initial Charging

Before first use, fully charge the battery.

1. Connect the magnetic charging cable to the charging port on the torch. The magnetic connector will snap into place.
2. Connect the USB end of the charging cable to the USB power adapter, and then plug the adapter into a power outlet. Alternatively, use the charging station by placing the torch onto it.
3. The battery indicator light will show the charging status. A full charge is indicated when the light turns green.



Image: The Ledlenser P6R Work flashlight being charged via its magnetic charging cable, illustrating the convenient and safe charging process.

## 4. OPERATING INSTRUCTIONS

### Power On/Off and Brightness Modes

The torch is operated via the main switch button located on the body.

- **To Turn On/Off:** Press the main switch button once.
- **To Cycle Brightness Modes:** While the torch is on, press the main switch button repeatedly to cycle through different brightness levels (e.g., Low, Medium, High).
- **Boost Mode:** A quick double-press of the main switch button may activate a temporary boost mode for maximum brightness.

### Special Functions (SOS, Strobe)

Specific sequences of button presses activate special functions:

- Consult the detailed instructions provided in the full product manual for exact button sequences to activate SOS and Strobe modes. These typically involve holding the button or specific multi-press patterns.

## Advanced Focus System

The Advanced Focus System allows you to adjust the light beam from a broad floodlight to a sharply focused spot beam.

- To adjust the focus, slide the head of the torch forward or backward.
- Sliding forward typically narrows the beam for a spot focus.
- Sliding backward widens the beam for a flood illumination.



Image: A visual representation of the Advanced Focus System, showing how the flashlight's head can be adjusted to seamlessly transition between a uniform low beam and a sharply focused high beam.

## Auxiliary Light

The P6R Work features a diffused, cool white auxiliary light on the side for close-range tasks.

- To activate the auxiliary light, locate the dedicated button or follow the specific button sequence outlined in the full manual.
- This light is ideal for illuminating immediate surroundings without the intensity of the main beam.



**Excellent protection  
against dust and water (IP68)**

Image: The Ledlenser P6R Work flashlight displaying its white auxiliary light for diffuse illumination of immediate surroundings, along with battery level indicators (green, orange, red).



Image: A close-up of the flashlight's main beam, highlighting its flicker-free, neutral white working light with natural color rendering (CRI 90).

## 5. MAINTENANCE

### Cleaning

- Wipe the torch body with a soft, damp cloth.
- Do not use abrasive cleaners or solvents, as these can damage the finish or rubber components.
- Clean the lens gently with a lens cleaning cloth to avoid scratches.

### Battery Care

- Charge the battery regularly, even if the torch is not in frequent use, to maintain battery health.
- Store the torch and battery in a cool, dry place.
- If the torch will not be used for an extended period, remove the battery.

## Water Resistance (IP68)

The P6R Work is rated IP68, meaning it is protected against dust ingress and can withstand continuous immersion in water up to a specified depth (typically 1.5 meters for 30 minutes).

- Ensure all caps and covers are securely fastened before exposing the torch to water or dusty environments.
- After exposure to saltwater, rinse the torch with fresh water and dry thoroughly.



## CONTENTS:

1. Rechargeable battery
2. Magnetic charging cable
3. Charging station
4. Hand strap
5. Pouch
6. USB power adapter
7. Belt clip

Image: The Ledlenser P6R Work flashlight partially submerged in water, illustrating its excellent IP68 protection against dust and water.

## 6. TROUBLESHOOTING

If you encounter issues with your Ledlenser P6R Work torch, refer to the following common solutions:

Problem	Possible Cause	Solution
Torch does not turn on	Low or depleted battery; improperly installed battery; loose connections.	Charge the battery fully. Ensure the battery is inserted correctly with the correct polarity. Tighten the end cap securely.
Light is dim or flickers	Low battery charge; dirty battery contacts.	Recharge the battery. Clean battery contacts with a dry cloth.
Torch not charging	Charging cable not properly connected; faulty USB adapter or power source; dirty charging contacts.	Ensure the magnetic charging cable is securely attached. Try a different USB power adapter or power outlet. Clean the charging contacts on both the torch and the cable.
Focus system is stiff	Dirt or debris in the focusing mechanism.	Gently clean the exterior of the focusing mechanism. Avoid forcing the movement.

If the problem persists after attempting these solutions, please contact Ledlenser customer support.

## 7. SPECIFICATIONS

Feature	Specification
Model Number	502186
Light Output (Max)	850 Lumens
Beam Distance (Max)	230 meters
Battery Life (Max)	Up to 45 hours
Water Resistance	IP68
Light Source Type	LED (High CRI 90)
Power Source	Rechargeable Lithium Ion Battery
Material	Aluminum with rubber protectors
Dimensions (D x W x H)	1.57"D x 1.57"W x 6.42"H
Item Weight	6.6 ounces (0.19 Kilograms)

## 8. WARRANTY AND SUPPORT

### Warranty Information

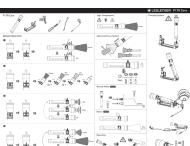
The Ledlenser P6R Work LED torch comes with a warranty that covers defects in manufacturing. With product registration, this warranty can extend up to 7 years. Please refer to the official Ledlenser website or the warranty card included with your product for full terms and conditions.

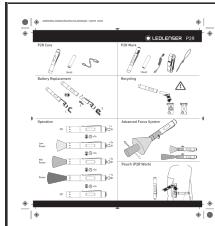
### Customer Support

For technical assistance, warranty claims, or further inquiries, please visit the official Ledlenser website or contact their customer support directly. You can also find more information and products at the [Ledlenser Store on Amazon](#).

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### Related Documents - 502186

	<p><a href="#">Ledlenser P6R Signature &amp; P7R Signature Flashlight User Guide</a></p> <p>Comprehensive guide for the Ledlenser P6R Signature and P7R Signature flashlights, covering default operation, customization, battery replacement, and maintenance.</p>
	<p><a href="#">Ledlenser P17R Core Flashlight User Manual and Guide</a></p> <p>Comprehensive guide to the Ledlenser P17R Core flashlight, covering default operation, advanced features like the Advanced Focus System and Backup Mode, customizing functions, and charging. Includes detailed instructions and safety information.</p>
	<p><a href="#">Ledlenser P6R Signature and P7R Signature User Manual</a></p> <p>Comprehensive user manual for the Ledlenser P6R Signature and P7R Signature flashlights, detailing operation, safety guidelines, features like Boost Function and Advanced Focus System, battery replacement, charging, and customization options.</p>
	<p><a href="#">Ledlenser P6R Core and P7R Core User Manual</a></p> <p>User manual for the Ledlenser P6R Core and P7R Core flashlights, detailing operation, features, safety instructions, and maintenance.</p>



### [Ledlenser P2R Core and P2R Work Flashlight User Guide](#)

Comprehensive user manual for Ledlenser P2R Core and P2R Work rechargeable flashlights, detailing operation, battery management, charging systems, and advanced features.



### [Ledlenser X21.2 High-Power Torch User Manual](#)

Comprehensive user manual for the Ledlenser X21.2 high-power torch, covering operation, features like Smart Light Technology, battery replacement, safety instructions, and specifications.