Ledlenser P7R Signature

Ledlenser P7R Signature - User Manual

Model: P7R Signature (502190)

1. Introduction

The Ledlenser P7R Signature is a high-performance, rechargeable LED torch designed for demanding outdoor activities, camping, and professional use. It combines robust construction with advanced lighting technology to provide exceptional brightness and versatility.

Key features include a powerful 2000 lumens output, IP68 water resistance, a patented Advanced Focus System, Smart Light Technology for customizable light functions, and a convenient magnetic charging system.



Image: The Ledlenser P7R Signature flashlight, showcasing its robust design and metallic finish.

2. Setup

2.1. Unboxing and Initial Inspection

Upon receiving your Ledlenser P7R Signature, carefully unpack all components. Ensure the following items are present:

- Ledlenser P7R Signature Torch
- 1x Li-ion 3.7V, 4800 mAh Rechargeable Battery (included)
- Magnetic Charging Cable
- USB Power Adapter
- Hand Strap
- Pocket Clip
- Pouch
- Wall Mount



Image: Included accessories with the Ledlenser P7R Signature, showing the charging cable, wall mount, pouch, and spare batteries.

2.2. Battery Installation and Charging

The P7R Signature comes with a rechargeable Li-ion battery. Before first use, it is recommended to fully charge the battery.

1. Unscrew the tail cap of the flashlight to access the battery compartment.
2. Insert the included Li-ion battery, ensuring correct polarity.
3. Screw the tail cap back on securely.
4. Connect the magnetic charging cable to the charging port on the flashlight. The magnetic connection ensures easy and secure attachment.
5. Plug the USB power adapter into a wall outlet and connect the other end of the magnetic charging cable to the USB adapter.
6. The battery status indicator will show the charging progress. A full charge can provide up to 90 hours of battery life on the lowest setting.



Image: Detail of the magnetic charging system on the Ledlenser P7R Signature.

3. Operating Instructions

3.1. Power and Mode Switch

The P7R Signature features a front-facing power and mode switch for easy one-handed operation. This switch allows you to cycle through various light functions and adjust brightness levels.

3.2. Light Functions

The Smart Light Technology allows for customizable light functions. The available modes include:

- **Power:** High brightness for maximum illumination.
- **Mid Power:** Medium brightness for general use.
- **Low Power:** Low brightness for extended battery life or close-range tasks.
- **Boost:** Temporary maximum power for critical situations.
- **Blink:** Emits regular light pulses.
- **Position:** Short, regular flashes for signaling.
- **Strobe:** Rapid, disorienting flashes of light.
- **S.O.S.:** Distress signal in Morse code.
- **Red Light:** An additional red-light function on the side of the housing, suitable for maintaining night vision in the dark.



Image: Visual representation of the various light functions available on the P7R Signature.



Image: Demonstrating the red light function for preserving night vision.

3.3. Advanced Focus System

The patented Advanced Focus System allows for seamless transition between a broad floodlight and a sharply focused spot beam. This enables precise illumination for various distances and tasks.



Image: Explanation of the Advanced Focus System and Multi-core Optics.

3.4. Connecting System

The P7R Signature includes a pocket clip that can be connected to a wide selection of accessories, enhancing its versatility for different applications.

4. Maintenance

4.1. Cleaning and Care

To ensure the longevity and optimal performance of your Ledlenser P7R Signature, follow these care guidelines:

- Wipe the flashlight body with a soft, damp cloth to remove dirt and debris.
- Avoid using abrasive cleaners or solvents, as they may damage the hard-anodized finish.
- Keep the lens clean for clear illumination. Use a lens cleaning cloth if necessary.
- Regularly check the O-rings for any signs of wear or damage to maintain water resistance.

4.2. Water and Dust Protection (IP68)

The P7R Signature features IP68 protection, making it highly resistant to dust and water. This means it can be submerged in water up to 1.5 meters deep for up to 30 minutes without damage.
While highly resistant, it is important to ensure all caps and seals are properly secured before exposing the flashlight to water or dusty environments.



Image: The P7R Signature demonstrating its superior protection against dust and water with Flex Sealing Technology.

5. Troubleshooting

This section addresses common issues you might encounter with your Ledlenser P7R Signature.

Problem	Possible Cause	Solution
Flashlight does not turn on.	Battery is depleted or incorrectly inserted.	Ensure the battery is fully charged and inserted with correct polarity. Check that the tail cap is screwed on tightly.
Light output is dim.	Low battery charge or dirty lens.	Recharge the battery. Clean the lens with a soft cloth.
Focus system is stiff or not smooth.	Accumulation of dirt or debris in the focusing mechanism.	Gently clean the area around the focusing head. Avoid forcing the mechanism.

6. Specifications

Feature	Detail
Model	P7R Signature (502190)
Brightness (Lumens)	MAX 2000 lm - MIN 15 lm
Lighting Range	MAX 330 m (1083 ft)
Battery Duration	MAX 90 h - MIN 2 h
Battery Type	1x Li-ion 3.7V, 4800 mAh (Rechargeable)
Water Resistance	IP68 (Submersible up to 1.5m for 30 mins)
Length	158 mm (6.22 in)
Head Diameter	35 mm (1.38 in)
Tube Diameter	27 mm (1.06 in)
Weight (including battery)	202 g (7.13 oz)
Material	Aluminum (Hard-anodized finish)
Special Features	Advanced Focus System, Smart Light Technology, Red Light Function, Magnetic Charge System, Natural Color Reproduction (CRI80)

7. Official Product Video

Your browser does not support the video tag.

Video: Official product overview of the Ledlenser P7R Signature, highlighting its features and capabilities.

8. Warranty and Support

8.1. Warranty Information

The Ledlenser P7R Signature rechargeable LED torch comes with a comprehensive warranty covering defects in manufacturing. With product registration, the warranty extends up to 7 years. Please refer to the official Ledlenser website for detailed warranty terms and conditions.

8.2. Customer Support

For further assistance, technical support, or inquiries regarding your Ledlenser P7R Signature, please visit the official Ledlenser Store or contact their customer service directly.

Visit the Ledlenser Store on Amazon

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