Ledlenser 502599

Ledlenser P5 Core LED Flashlight User Manual

Model: 502599

1. Introduction

The Ledlenser P5 Core is a compact, powerful LED flashlight designed for versatility and efficiency. It incorporates advanced Ledlenser technologies, including the patented Advanced Focus System, allowing for seamless adjustment between flood and spot light. Its robust construction and energy-efficient design make it suitable for various applications, from professional use to outdoor adventures. This manual provides essential information for the safe and effective use of your P5 Core flashlight.

2. Safety Information

- **Eye Safety:** Do not stare directly into the LED light. The intense beam can cause temporary vision impairment or eye damage.
- **Battery Handling:** Ensure correct battery polarity when inserting. Do not mix old and new batteries, or different types of batteries. Remove batteries if the flashlight will not be used for an extended period.
- **Heat:** The flashlight may become warm during prolonged use, especially on higher brightness settings. This is normal.
- **Water Resistance:** The P5 Core has an IP44 rating, meaning it is protected against solid objects larger than 1mm and splashing water from any direction. It is not designed for submersion.
- **Children:** Keep out of reach of children.

3. Package Contents

Verify that all items are present in your package:

- Ledlenser P5 Core LED Flashlight
- 1 x AA Alkaline Battery (included)
- User Manual

4. Setup

4.1. Battery Installation

The P5 Core can be powered by either the included AA alkaline battery or a compatible rechargeable battery (Li-ion or NiMH).

1. Unscrew the tail cap of the flashlight by turning it counter-clockwise.
2. Insert one AA battery (or compatible rechargeable battery) with the positive (+) end facing towards the head of the flashlight.
3. Screw the tail cap back on clockwise until it is securely tightened.



Figure 4.1: Proper battery insertion for the P5 Core flashlight.



Figure 4.2: The P5 Core supports both AA alkaline and rechargeable (Li-ion or NiMH) batteries.

5. Operating Instructions

5.1. Turning On/Off

The P5 Core is operated using the end cap switch:

- Press the end cap switch fully to turn the flashlight ON.
- Press the end cap switch fully again to turn the flashlight OFF.

5.2. Adjusting Focus (Advanced Focus System)

The patented Advanced Focus System allows for quick and easy adjustment of the light beam:

- To achieve a wide, homogeneous floodlight for close-range illumination, push the head of the flashlight forward.
- To achieve a sharply focused spot beam for long-distance illumination, pull the head of the flashlight backward.



Figure 5.1: The Ledlenser P5 Core flashlight, featuring its adjustable head for focusing.

6. Maintenance

6.1. Cleaning

To maintain optimal performance and appearance:

- Wipe the flashlight body with a soft, damp cloth.
- Do not use abrasive cleaners or solvents.
- Keep the lens clean for maximum light output. Use a lens cleaning cloth if necessary.

6.2. Battery Care

For prolonged battery life and flashlight health:

- Remove batteries if the flashlight is not used regularly (e.g., monthly).
- If using rechargeable batteries, follow the manufacturer's instructions for charging and storage.

6.3. Water Resistance

The IP44 rating protects against splashing water. To ensure continued water resistance:

- Ensure the tail cap is always securely tightened.
- Avoid exposing the flashlight to strong jets of water or submersion.

7. Troubleshooting

Problem	Possible Cause	Solution
Flashlight does not turn on.	Dead or incorrectly inserted battery.	Replace battery or check polarity. Ensure tail cap is fully tightened.
Light is dim or flickers.	Low battery power. Loose connections.	Replace battery. Ensure tail cap is fully tightened. Clean battery contacts if corroded.
Focus mechanism is stiff.	Dirt or debris in the mechanism.	Gently clean the area around the focusing head. Do not force the mechanism.

8. Specifications

Feature	Detail
Model	P5 Core (502599)
Light Source	LED
Brightness	Up to 150 Lumens
Light Path Distance	Up to 90 Meters
Runtime	Up to 12 hours (energy-saving mode), 2 hours 30 minutes (high power)
Power Source	1 x AA Alkaline Battery (included) or compatible rechargeable (Li-ion/NiMH)
Material	Aluminum
Color	Black
Water Resistance	IP44 (Protected against splashing water)
Dimensions (L x D)	Approx. 4.72" x 0.75" (120mm x 19mm)
Weight (with battery)	Approx. 2.92 ounces (83g)

9. Warranty and Support

Ledlenser offers a comprehensive **7-year warranty** on the P5 Core LED flashlight, covering defects in manufacturing. This warranty is valid upon product registration. For warranty claims or technical support, please contact Ledlenser customer service through their official website or the retailer where the product was purchased. Please retain your proof of purchase.
For further assistance, visit the official Ledlenser website: www.ledlenser.com

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