

Ledlenser P7 CORE

Ledlenser P7 CORE LED Flashlight User Manual

Model: P7 CORE

Introduction	Product Overview	Setup	Operation	Maintenance	Troubleshooting
Specifications	Warranty & Support				

1. INTRODUCTION

This manual provides instructions for the safe and efficient use of your Ledlenser P7 CORE LED Flashlight. Please read this manual thoroughly before operating the device and retain it for future reference. The Ledlenser P7 CORE is designed for versatile everyday use, offering reliable illumination for various activities.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Advanced Focus System:** Provides a seamless transition from a homogeneous near light to a sharply focused long-distance beam.
- **Multiple Light Modes:** Offers High Power (450 lm), Mid Power (250 lm), and Low Power (40 lm) settings.
- **Durable Construction:** Manufactured from aircraft-grade aluminum alloy with an IP54 protection rating, making it water-resistant.
- **Long Battery Life:** Up to 25 hours of operation in Low Power mode.
- **Easy Operation:** Features a convenient end-cap switch for simple control.

2.2 Package Contents

The Ledlenser P7 CORE package includes:

- 1 x Ledlenser P7 CORE LED Flashlight
- 4 x AAA Alkaline Batteries
- 1 x Wrist Strap

Package Contents



Image: Ledlenser P7 CORE flashlight, four AAA batteries, and a wrist strap, illustrating the package contents.

3. SETUP

3.1 Battery Installation

The Ledlenser P7 CORE operates on four AAA alkaline batteries (included). Follow these steps to install the batteries:

1. Unscrew the tail cap of the flashlight by turning it counter-clockwise.
2. Insert the four AAA batteries into the battery cartridge, ensuring correct polarity (+/-) as indicated inside the cartridge.
3. Place the battery cartridge into the flashlight body.

4. Screw the tail cap back on clockwise until it is securely tightened. Ensure the O-ring seal is properly seated to maintain water resistance.



Image: A person's hands demonstrating the insertion of AAA batteries into the battery compartment of the Ledlenser P7 CORE flashlight.

3.2 Attaching the Wrist Strap

To attach the wrist strap:

1. Locate the small hole on the tail cap of the flashlight.
2. Thread the thin loop end of the wrist strap through this hole.
3. Pass the larger end of the strap (with the adjustable slider) through the loop you just created and pull to secure.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Press the switch located on the tail cap to turn the flashlight ON or OFF.

4.2 Changing Light Modes

The P7 CORE features three light modes: High Power, Mid Power, and Low Power. To cycle through these modes:

1. With the flashlight ON, quickly press the tail cap switch repeatedly. Each press will advance to the next mode.
2. The sequence is typically High Power → Mid Power → Low Power.
3. The flashlight will remember the last used mode if turned off for a short period.

Spot To Flood Function

Easy transition from uniform flood beam to sharply focused spot beam with a range of up to 300 m.



3 Light Modes

- High Power (450 lm)
- Mid Power (250 lm)
- Low Power (40 lm)

Image: An illustration showing the Ledlenser P7 CORE flashlight's ability to transition between a wide flood beam and a focused spot beam, alongside a list of its three light modes: High Power (450 lm), Mid Power (250 lm), and Low Power (40 lm).

4.3 Focusing the Beam (Advanced Focus System)

The Advanced Focus System allows you to adjust the light beam from a broad floodlight to a narrow spotlight:

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

Spot To Flood Function

Easy transition from uniform flood beam to sharply focused spot beam with a range of up to 300 m.



3 Light Modes

- High Power (450 lm)
- Mid Power (250 lm)
- Low Power (40 lm)

Image: An illustration showing the Ledlenser P7 CORE flashlight's ability to transition between a wide flood beam and a focused spot beam, demonstrating its Advanced Focus System.



Image: A person walking a dog on a path at night, illuminated by the wide beam of a Ledlenser P7 CORE flashlight, demonstrating its practical use.

5. MAINTENANCE

5.1 Cleaning

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

5.2 Battery Care

- Always use high-quality AAA alkaline batteries.
- Remove batteries if the flashlight will not be used for an extended period to prevent leakage and damage.
- Replace all four batteries at the same time. Do not mix old and new batteries or different battery types.
- The P7 CORE is also compatible with NiMH rechargeable batteries (not supplied).

5.3 Water Resistance (IP54)

The Ledlenser P7 CORE has an IP54 rating, meaning it is protected against dust ingress and splashing water from any direction. It is suitable for use in various weather conditions, including light rain. It is not designed for submersion in water.

Water Resistant

Manufactured from air craft grade aluminium alloy with an impressive IP54 rating; perfect for various weather conditions, including heavy rain.



Image: The Ledlenser P7 CORE flashlight next to an image of a person walking in the rain, highlighting its IP54 water resistance rating and durable aluminum construction.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Flashlight does not turn on.	<ul style="list-style-type: none">◦ Batteries are dead or low.◦ Batteries are inserted incorrectly.◦ Tail cap is not fully tightened.	<ul style="list-style-type: none">◦ Replace with new AAA batteries.◦ Check battery polarity and reinsert correctly.◦ Tighten the tail cap securely.
Light output is dim.	<ul style="list-style-type: none">◦ Batteries are low.◦ Lens is dirty.	<ul style="list-style-type: none">◦ Replace with new AAA batteries.◦ Clean the lens with a soft cloth.
Beam does not focus properly.	<ul style="list-style-type: none">◦ Flashlight head is stuck.	<ul style="list-style-type: none">◦ Gently twist and pull/push the head to free it. Ensure no debris is obstructing movement.

7. SPECIFICATIONS

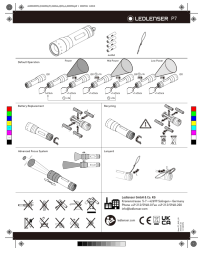
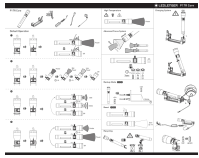
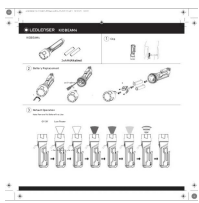
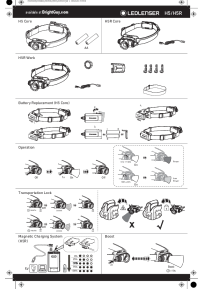

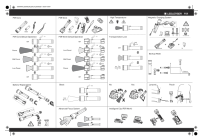
Feature	Detail
Model	P7 CORE
Light Source	LED
Brightness (Max)	450 Lumens
Beam Distance (Max)	300 meters
Battery Life (Max)	25 hours (Low Power mode)
Power Source	4 x AAA Alkaline Batteries (included)
Water Resistance	IP54 (Dust protected, splash-proof)
Material	Aluminum
Dimensions	Approximately 13 cm (length)
Weight (with batteries)	175 grams (approx. 6.2 ounces)

8. WARRANTY AND SUPPORT

Ledlenser products are manufactured with high-quality materials and undergo strict quality control. For detailed warranty information and customer support, please refer to the official Ledlenser website or contact your local distributor. Keep your proof of purchase for warranty claims.

For further assistance, visit the [Ledlenser Store on Amazon](#).

Related Documents - P7 CORE

	<p>LEDLENSER P7 Flashlight User Manual and Operating Guide</p> <p>Comprehensive guide to the LEDLENSER P7 flashlight, covering default operation, battery replacement, advanced focus system, lanyard attachment, and recycling information.</p>
	<p>Ledlenser P17R Core Flashlight User Manual and Guide</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>LEDLENSER KIDBEAM4 User Manual and Operation Guide</p> <p>Concise guide to operating the LEDLENSER KIDBEAM4 flashlight, including battery replacement and light mode selection. Learn how to use your KIDBEAM4 effectively.</p>
	<p>LEDLENSER H5/H5R Headlamp User Guide and Instructions</p> <p>Comprehensive user guide for LEDLENSER H5 Core, H5R Core, and H5R Work headlamps, covering operation, battery replacement, charging, safety features, and accessories.</p>
	<p>Ledlenser MH5 Rechargeable Headlamp: Technical Data, Features, and Specifications</p> <p>Comprehensive product data sheet for the Ledlenser MH5 rechargeable headlamp, detailing its technical specifications, light performance, power options, packaging information, and warranty. Features include Advanced Focusing Optics, IP54 rating, and versatile usage modes.</p>
	<p>Ledlenser P5R Core and P5R Work Flashlight User Guide</p> <p>Comprehensive guide to operating and customizing the Ledlenser P5R Core and P5R Work LED flashlights, covering basic functions, battery replacement, advanced features, and light mode customization.</p>

