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› Deilin FL-305 10000 Lumens Rechargeable LED Flashlight User Manual

Deilin FL-305

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INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation, setup, and maintenance of your Deilin FL-305 10000 Lumens Rechargeable LED Flashlight. This powerful and durable flashlight features a high-performance XHP50 LED chip, multiple lighting modes, a zoomable beam, and a robust aluminum alloy construction with IPX4 water resistance and 5-meter shock resistance. It also includes a solid aluminum alloy head that can serve as a safety hammer in emergencies.

The flashlight is powered by a premium 26650 Li-ion battery, offering extended runtime and protection features like over-charge, over-discharge, and over-voltage protection.

PREMIUM 26650 LI-ION BATTERY

5-Hrs Fully-Power Light

RUNNING TIME OF
10
HOURS
ON LOW

Upgrade 26650 Battery Capacity Is Up To **5000mAh**,
And The Working Time Is Up To **10 Hrs** On Low Mode.



Over Charge
Protection



Over Discharge
Protection



Over Voltage
Protection



26650 Rechargeable
Battery



Long Battery Life

Image: The Deilin FL-305 flashlight showcasing its internal 26650 Li-ion battery, emphasizing its 10-hour runtime on low mode and built-in protection features such as over-charge, over-discharge, and over-voltage protection.

Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

SETUP

1. Battery Installation

The Deilin FL-305 flashlight is compatible with 26650 (5000mAh included), 18650, and AAA batteries (with adapter, not included). To install the battery:

1. Unscrew the tail cap of the flashlight.
2. Insert the rechargeable 26650 battery with the positive (+) end facing towards the flashlight head.
3. Screw the tail cap back on securely.

2. Initial Charging

Before first use, fully charge the flashlight battery. The flashlight features a Micro USB charging port.

1. Locate the Micro USB charging port on the side of the flashlight.
2. Connect the provided USB cable to the flashlight's charging port and to a compatible USB power source (e.g., power bank, car charger, charging adapter, laptop).
3. The blue LED indicator lights above the multi-function switch will illuminate to show charging progress. When all four lights are solid, the battery is fully charged.



Image: The Deilin FL-305 flashlight connected to a power source via its Micro USB port, illustrating the battery indicator lights during charging. Various charging methods like power bank, car charger, adapter, and laptop are shown.

OPERATING INSTRUCTIONS

1. Power On/Off and Mode Selection

- **Power On:** Press the multi-function power button once to turn on the flashlight. It will typically start in High mode.

- **Mode Cycle:** With the flashlight on, press the power button repeatedly to cycle through the 5 lighting modes: High → Medium → Low → Strobe → SOS.
- **Power Off:** To turn off the flashlight from any mode, press and hold the power button for approximately 3 seconds. This allows you to turn it off without cycling through all modes.

2. Adjustable Beam (Zoom Function)

The Deilin FL-305 features an adjustable beam, allowing you to switch between a focused spotlight and a wide floodlight.

- **To Zoom In (Spotlight):** Extend the head of the flashlight forward. This concentrates the light into a narrow, long-distance beam.
- **To Zoom Out (Floodlight):** Retract the head of the flashlight backward. This spreads the light over a wider area, ideal for close-range illumination.



Image: The Deilin FL-305 flashlight illustrating its zoomable head. One panel shows the head extended for a narrow, long-distance beam (zoom in), and another shows the head retracted for a wide floodlight (zoom out).

3. Battery Level Indicator

The flashlight is equipped with four blue LED lights above the power button to indicate the remaining battery charge:

- **4 Lights:** 75% - 100% charge
- **3 Lights:** 50% - 75% charge
- **2 Lights:** 25% - 50% charge
- **1 Light:** Below 25% charge (recharge recommended)

MAINTENANCE

1. Cleaning

To maintain optimal performance and appearance:

- Wipe the flashlight body with a soft, damp cloth.
- Do not use abrasive cleaners or solvents, as they may damage the finish.
- Clean the lens gently with a lens cloth to avoid scratches.

2. Battery Care

- Recharge the battery regularly, especially if the flashlight will not be used for an extended period.
- Avoid fully discharging the battery to prolong its lifespan.
- If storing for a long time, charge the battery to about 50% and recharge every 3-6 months.

3. Water Resistance (IPX4)

The Deilin FL-305 is IPX4 water-resistant, meaning it is protected against splashing water from any direction. It is not designed for submersion.

- Ensure the tail cap and charging port cover are securely closed to maintain water resistance.
- Regularly check the O-rings for wear and tear. Replace if damaged to maintain the seal.

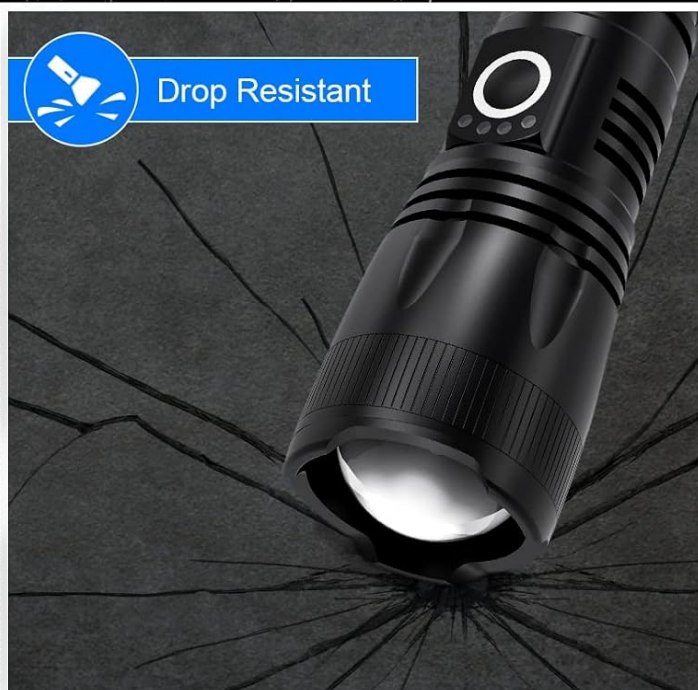
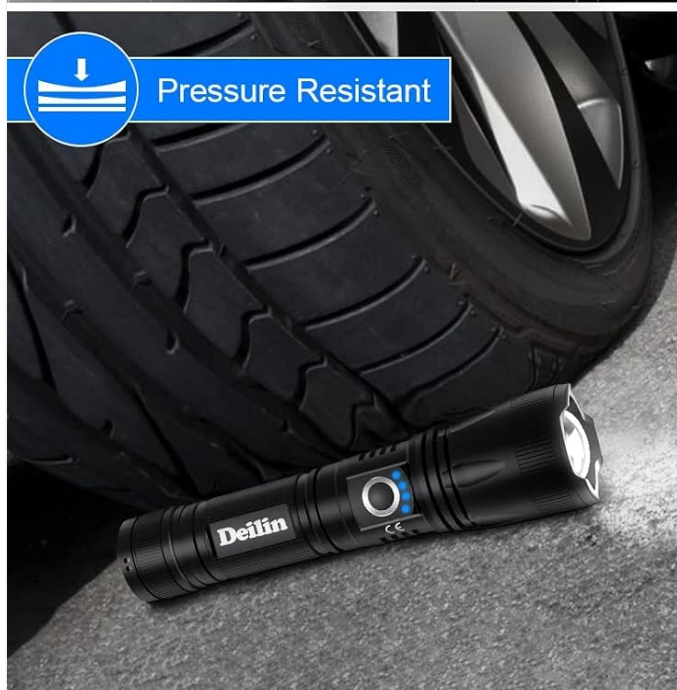


Image: The Deilin FL-305 flashlight being splashed with water, illustrating its IPX4 water resistance. An inset shows the sealing ring inside the flashlight for protection against water ingress.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Flashlight does not turn on.	Battery is depleted or incorrectly inserted.	Recharge the battery. Ensure the battery is inserted with the correct polarity (+/-).
Flashlight does not charge.	USB cable or power source issue.	Check the USB cable connection. Try a different USB cable or power source. Ensure the charging port is clean.
Light is dim or flickers.	Low battery charge. Loose connections.	Recharge the battery. Tighten the tail cap and head of the flashlight.

Problem	Possible Cause	Solution
Cannot change modes.	Button malfunction or temporary software glitch.	Ensure the button is pressed firmly. Try removing and reinserting the battery to reset the device.

If the problem persists after attempting these solutions, please contact customer support for further assistance.

SPECIFICATIONS

Brand	Deilin
Model Number	FL-305
Light Source	XHP50 LED
Luminosity	10000 Lumens
Material	Aluminum Alloy
Dimensions (L x W x H)	15 x 12 x 4.5 cm (5.9 x 4.7 x 1.8 inches)
Weight	440 grams (0.97 lbs)
Voltage	3.6 Volts (DC)
Battery Type	26650 Lithium-ion (5000mAh), compatible with 18650, AAA
Charging Port	Micro USB
Water Resistance	IPX4
Shock Resistance	5 meters
Included Components	USB Cable

INDUSTRIAL DESIGN



Image: An exploded diagram of the Deilin FL-305 flashlight, highlighting its key components such as the XHP50 LED clip, high transmission lens, safety hammer, power switch, indicator light, 26650 rechargeable battery, non-slip texture, rear cover, and lanyard.

WARRANTY INFORMATION

Specific warranty details for the Deilin FL-305 flashlight are typically provided with your purchase documentation. Please refer to the warranty card or contact the retailer where you purchased the product for comprehensive information regarding warranty coverage, terms, and conditions.

CUSTOMER SUPPORT

For technical assistance, troubleshooting not covered in this manual, or inquiries regarding your Deilin FL-305 flashlight, please contact Deilin customer support through the vendor's contact information provided at the point of purchase or on the official Deilin website.

