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Nitecore EDC27

Nitecore EDC27 UHi Ultra Slim Flat EDC Flashlight User Manual

Comprehensive instructions for your Nitecore EDC27 UHi flashlight.

1. Introduction

The Nitecore EDC27 UHi is an ultra-slim, high-performance Everyday Carry (EDC) flashlight. It features the NiteLab UHi 20 LED, providing a maximum output of 3100 lumens and a beam distance of up to 305 meters. Designed for portability, it includes a built-in rechargeable battery, dual switch operation, and an OLED display for real-time information.



Front view of the Nitecore EDC27 UHi Flashlight, showcasing its slim design and Nitecore branding.

2. Setup

2.1. Charging the Battery

The EDC27 UHi features a built-in Lithium Polymer battery and is rechargeable via a USB-C port. To charge, connect the flashlight to a power source using the provided USB-C charging cable. The OLED display will indicate charging status and battery level. A full charge takes approximately 1 hour and 15 minutes.



Side view of the Nitecore EDC27 UHi, highlighting the USB-C charging port.



The Nitecore EDC27 UHi offers up to 55 hours of runtime on its lowest setting.

2.2. Initial Use

Before first use, ensure the flashlight is fully charged. The EDC27 UHi is operated using two tail switches: a Power Switch and a Mode Switch.

3. Operating Instructions

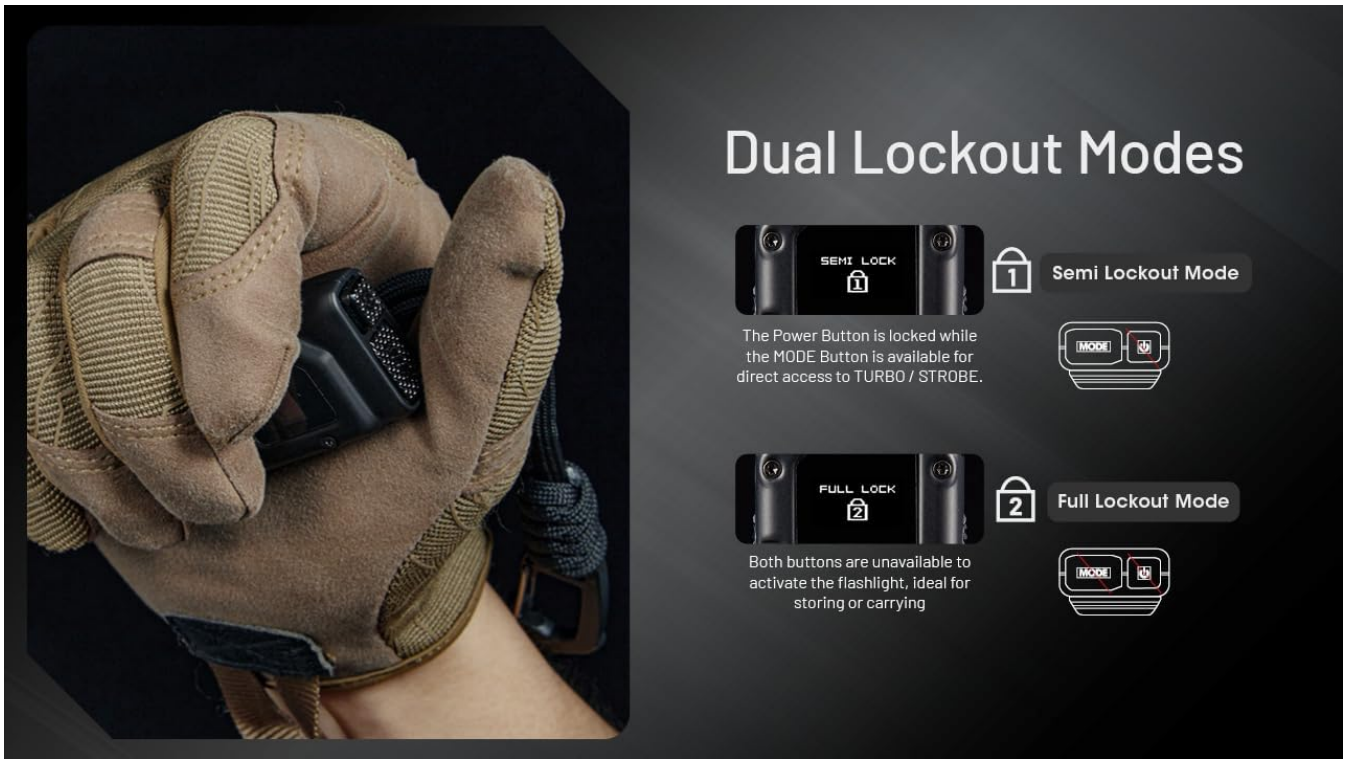
3.1. Basic Operation

- **Turn On/Off:** Press the Power Switch to turn the flashlight on or off.
- **Brightness Levels:** With the flashlight on, press the Mode Switch to cycle through the brightness levels: ULTRALOW → LOW → MID → HIGH.
- **Instant Turbo:** With the flashlight off, half-press and hold the Mode Switch for momentary access to TURBO mode (3100 lumens). Release to turn off.
- **Instant Strobe:** With the flashlight off, full-press and hold the Mode Switch for momentary access to STROBE mode. Release to turn off. With the flashlight on, hold the Mode Switch for instant STROBE. Press the Mode Switch again to exit STROBE.

3.2. Lockout Modes

The EDC27 UHi features two lockout modes to prevent accidental activation:

- **Semi Lockout Mode:** The Power Switch is locked, while the Mode Switch can still be used for instant TURBO or STROBE. To activate, with the light on, press and hold the Power Switch until the OLED display shows "SEMI LOCK". To deactivate, press and hold the Power Switch again.
- **Full Lockout Mode:** Both the Power Switch and Mode Switch are locked. To activate, with the light on, press and hold both the Power Switch and Mode Switch simultaneously until the OLED display shows "FULL LOCK". To deactivate, press and hold both switches again.



Visual representation of the two lockout modes: Semi Lockout (Power button locked, Mode button active) and Full Lockout (both buttons locked).

3.3. OLED Real-time Display

The integrated OLED display provides real-time information about the flashlight's status, including:

- Brightness Level (in lumens)
- Battery Voltage
- Remaining Runtime
- Lockout Mode Status
- Power Remaining



The OLED display provides essential operational data at a glance.

4. Maintenance

4.1. General Care

- Wipe the flashlight with a clean, soft cloth to remove dust and debris.
- Avoid dropping the flashlight or subjecting it to strong impacts.
- Store the flashlight in a cool, dry place when not in use for extended periods.

4.2. Water Resistance

The EDC27 UHi is designed to be waterproof, making it suitable for use in various weather conditions. Ensure the USB-C port cover is securely closed to maintain water resistance.



The EDC27 UHi is designed to withstand exposure to rain and wet conditions.

5. Troubleshooting

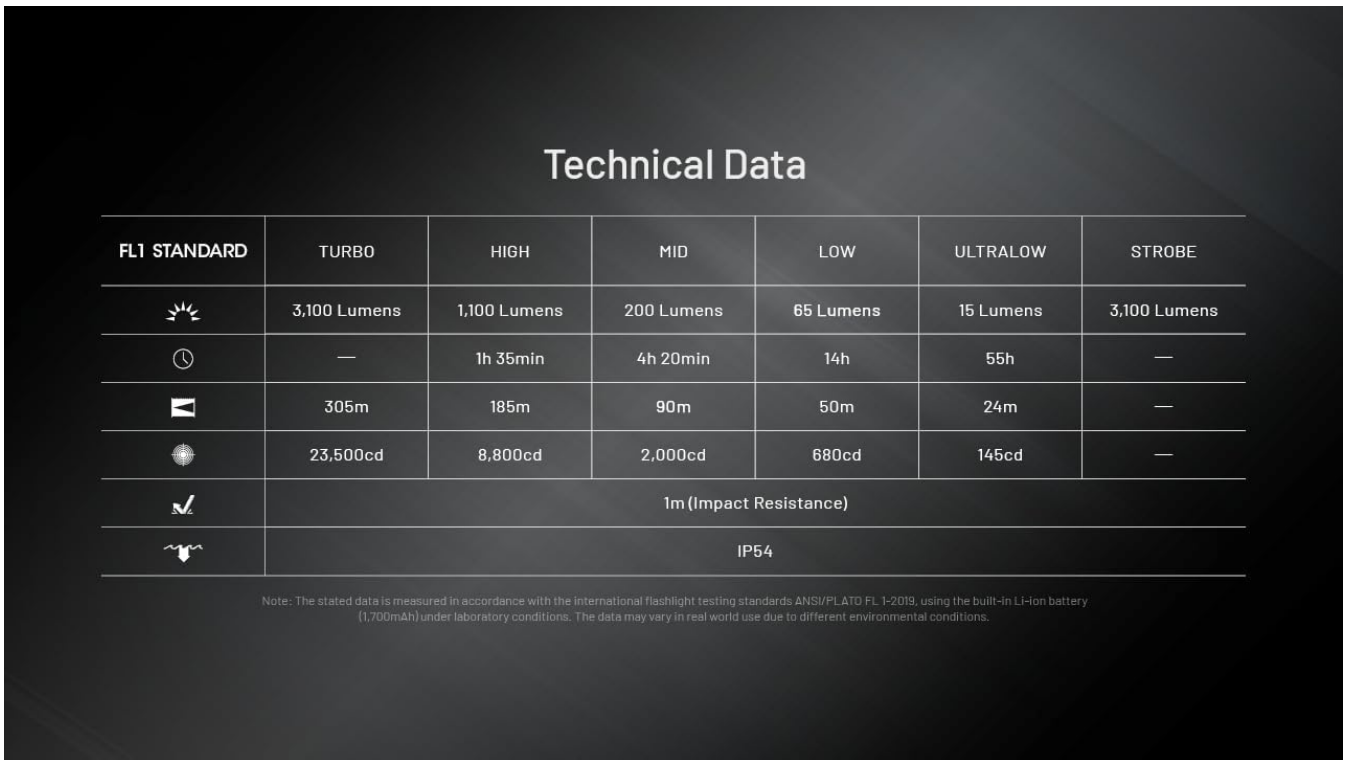
If you encounter issues with your Nitecore EDC27 UHi flashlight, consider the following:

- **Flashlight not turning on:** Ensure the battery is charged. Check if the flashlight is in either Semi Lockout or Full Lockout mode and deactivate if necessary.
- **Inconsistent operation:** Ensure the switches are clean and free from obstruction. If issues persist, contact customer support.
- **Dim output:** Recharge the battery. The flashlight may enter a lower output mode when the battery is low.

6. Specifications

Feature	Detail
Model	EDC27 UHi
Light Source	NiteLab UHi 20 LED
Max Output	3100 Lumens
Max Beam Distance	305 meters (333 yards)
Battery Type	Built-in Lithium Polymer
Charging Port	USB-C

Feature	Detail
Material	Stainless Steel
Water Resistance	Waterproof (ANSI FL1)
Dimensions (L x W x H)	5.34" x 1.24" x 0.56"
Weight	4.32 ounces



Detailed technical specifications for the Nitecore EDC27 UHi across various modes.

7. Warranty and Support

7.1. Warranty Information

The Nitecore EDC27 UHi comes with a 2-year manufacturer's warranty from the date of purchase. Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects under normal use.

7.2. Customer Support

For further assistance, technical support, or warranty inquiries, please visit the official Nitecore store or contact their customer service department.

Visit the Nitecore Store on Amazon

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