

Nitecore EDC37

Nitecore EDC37 Flashlight User Manual

Model: EDC37

INTRODUCTION

The Nitecore EDC37 is an ultra high-performance Everyday Carry (EDC) flashlight designed for versatility and power. It features an impressive 8000 lumen maximum output and a long beam throw, making it suitable for various applications from daily tasks to tactical use. Its flat, compact design ensures easy portability, while the integrated USB-C charging port and OLED display provide convenience and real-time information.



Image: Nitecore EDC37 Flashlight with safety lock sticker.

KEY FEATURES

- **Ultra-High Performance:** Capable of an 8000 lumen max output with a 459-yard beam throw in Lumen Shield burst mode.
- **Compact EDC Design:** Flat shape with dimensions of 1.22"D x 1.55"W x 4.25"H and a weight of 7.04 ounces for easy everyday carry.
- **USB-C Rechargeable:** Features a USB-C port for fast charging, providing up to 190 hours of continuous use on a full charge (approx. 2 hours for full charge).
- **OLED Digital Display:** Provides real-time information including lumen output, battery level, and remaining runtime.
- **Dual-Stage Buttons:** A round tail button for brightness adjustment and momentary ultralow mode, and a rectangular customizable button for Spotlight, Floodlight, or Strobe.
- **Rapid Lock™ Lockout Switch:** Prevents accidental activation during transport or storage.
- **Durable Construction:** Made from anodized aluminum, shock resistant (2m impact resistance), and water resistant (IP54).

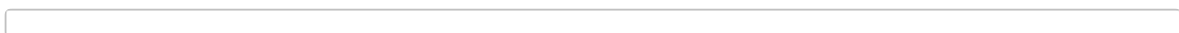


Image: Overview of the Nitecore EDC37, highlighting its tactical design and high lumen output.



Image: Illustration of the 8000 Lumen Lumin Shield feature, creating a wide defensive light wall.



Image: Depiction of the 420-meter tactical search mode, illustrating its long-range illumination capability.



Image: Detailed view of the dual-stage tactical buttons, explaining their functions for brightness control and mode selection.



Image: Examples of the real-time information displayed on the OLED screen, including battery and runtime.



Image: Close-up of the Rapid Lock lockout switch, designed to prevent unintended operation.



Image: Visual representation of the Nitecore EDC37's physical dimensions and weight.

SETUP

Initial Charging

Before first use, it is recommended to fully charge the EDC37. Connect the provided USB-C charging cable to the flashlight's USB-C port and to a compatible USB power source (e.g., wall adapter, power bank). The OLED display will show the charging process and battery level. A full charge typically takes approximately 2 hours.

Attaching the Lanyard

Locate the lanyard attachment point on the flashlight. Thread the included lanyard through the hole and secure it as desired for convenient carrying and to prevent accidental drops.

OPERATING INSTRUCTIONS

Power On/Off

- **To Turn On:** Fully press the round tail button.
- **To Turn Off:** Fully press the round tail button again.

Brightness Levels

With the flashlight on, half-press the round tail button to cycle through brightness levels (Ultralow, Low, Mid, High). Release the button to select the desired level.

Special Modes (Lumen Shield, Search, Strobe)

- **Lumen Shield (Burst Mode):** From any state (on or off), press and hold the rectangular customizable button to activate the 8000 lumen Lumen Shield. Release to return to the previous state or turn off.
- **Tactical Search Mode:** The customizable button can be configured to activate a 3000 lumen search mode. Consult the OLED display settings for configuration.
- **Strobe Mode:** The customizable button can also be configured to activate Strobe mode. Consult the OLED display settings for configuration.




Image: The Strobe Ready feature, designed for quick, one-handed activation of the strobe mode.

OLED Display Information

The OLED display provides real-time operational data:

- **Battery Remaining:** Shows current battery percentage.
- **Current Brightness Level:** Displays the active lumen output.
- **Runtime Remaining:** Estimates remaining operational time at the current brightness.
- **Charging Process:** Indicates charging status when connected to power.
- **Lockout Mode:** Confirms when the flashlight is locked.
- **Factory Reset:** Confirms successful reset.

Lockout Function

To prevent accidental activation, slide the Rapid Lock™ lockout switch to the locked position. Both buttons will be unresponsive. Slide it back to unlock for normal operation.

CHARGING

The Nitecore EDC37 features an integrated USB-C charging port for convenient and fast recharging. The flashlight supports 18W intelligent fast charging, compatible with PD/QC fast charging protocols.

- Connect the USB-C cable to the flashlight's port.
- Connect the other end to a USB power adapter or power bank.
- The OLED display will show the charging progress.
- Charging is complete when the display indicates full battery.



Image: The USB-C charging port with its protective cover, highlighting fast charging capabilities and durability.

MAINTENANCE

- **Cleaning:** Wipe the flashlight body with a clean, soft cloth. For stubborn dirt, a slightly damp cloth can be used. Do not use abrasive cleaners or solvents.
- **Storage:** Store the flashlight in a cool, dry place away from direct sunlight and extreme temperatures. If storing for extended periods, ensure the battery is partially charged (around 50%) and recharge every 3-6 months to maintain battery health.
- **Water Resistance:** The EDC37 is IP54 water resistant. While it can withstand splashes and light rain, avoid submerging it in water. Ensure the USB-C port cover is securely closed to maintain water resistance.

TROUBLESHOOTING

- **Flashlight Not Turning On:**
 - Check if the lockout switch is engaged. Slide it to the unlocked position.
 - Ensure the battery has sufficient charge. Recharge if necessary.

- **Low Output or Short Runtime:**

- The battery may be low. Recharge the flashlight.
- High output modes generate heat, which can cause the flashlight to step down brightness to prevent overheating. This is normal operation.

- **Charging Issues:**

- Ensure the USB-C cable is properly connected to both the flashlight and the power source.
- Try a different USB-C cable or power adapter.
- Check the USB-C port for any debris that might obstruct connection.

- **OLED Display Not Working:**

- Ensure the flashlight is powered on or connected to a charger.
- If the issue persists, contact customer support.

SPECIFICATIONS

Attribute	Value
Brand	Nitecore
Model	EDC37
Special Feature	High Lumens, Shock Resistant, Adjustable Light Modes, Weatherproof, Rechargeable
Color	Black
Power Source	Battery Powered
Light Source Type	LED
Material	Anodized Aluminum
White Brightness	8000 Lumens (Max)
Included Components	Lanyard, Charging Cable, Flashlight
Product Dimensions	1.22"D x 1.55"W x 4.25"H
Light Path Distance	459 Yards (420 Meters)
Battery Cell Composition	Lithium Ion (Built-in)
Item Weight	7.04 ounces
Water Resistance Level	IP54
Impact Resistance	2 meters
Charging Port	USB-C (18W Fast Charging)

Image: Detailed technical specifications including lumen output, runtime, and beam distance for various modes.

WHAT'S IN THE BOX

Your Nitecore EDC37 package includes the following items:

- Nitecore EDC37 Flashlight
- USB-C Charging Cable
- Lanyard
- Nitecore Sticker (for safety lock, as shown in main image)

WARRANTY AND SUPPORT

The Nitecore EDC37 comes with a limited warranty. For specific warranty terms and conditions, please refer to the documentation provided with your product or visit the official Nitecore website.

For technical support, troubleshooting assistance, or warranty claims, please contact Nitecore customer service through their official channels. Keep your purchase receipt as proof of purchase for warranty purposes.