Nitecore EDC17

Nitecore EDC17 3-in-1 Flashlight Instruction Manual

Brand: Nitecore | Model: EDC17

INTRODUCTION

The Nitecore EDC17 is a versatile 3-in-1 flashlight designed for everyday carry, work, and outdoor use. It integrates a powerful 1500-lumen white light, a professional UV inspection light, and a Class 3R green beam into a slim, durable stainless steel body. This manual provides detailed instructions for the proper setup, operation, and maintenance of your EDC17 flashlight.

Figure 1: Nitecore EDC17 Flashlight and included accessories.

KEY FEATURES

- **3-in-1 Multi-Light System:** Combines a 1500-lumen white light, a professional UV inspection light, and a bright Class 3R (<5mW) green beam.

- **Powerful White Light:** Delivers up to 1500 lumens with a beam distance of 251 yards (230m) and four brightness levels.

- **Professional UV Inspection Light:** Features three adjustable power settings (220mW, 650mW, 1350mW) for verifying currency, detecting leaks, finding stains, and exploring fluorescent minerals.

- **Built-in Green Beam:** Class 3R (<5mW) green beam provides clear visibility for alignment, pointing, presentations, or field guidance.

- **Premium Stainless Steel Build:** Slim 16mm design with durable PVD coating for scratch and fingerprint resistance, weighing only 3.74 oz.

- **USB-C Rechargeable & Long-Lasting:** Built-in 1500mAh rechargeable battery provides up to 260 hours of runtime on ultralow mode. Recessed charging port with LED indicator.

- **Rugged & Waterproof:** IPX7 waterproof rating and 2-meter impact resistance for reliable performance in various conditions. Includes interchangeable tail tip for daily or tactical use.
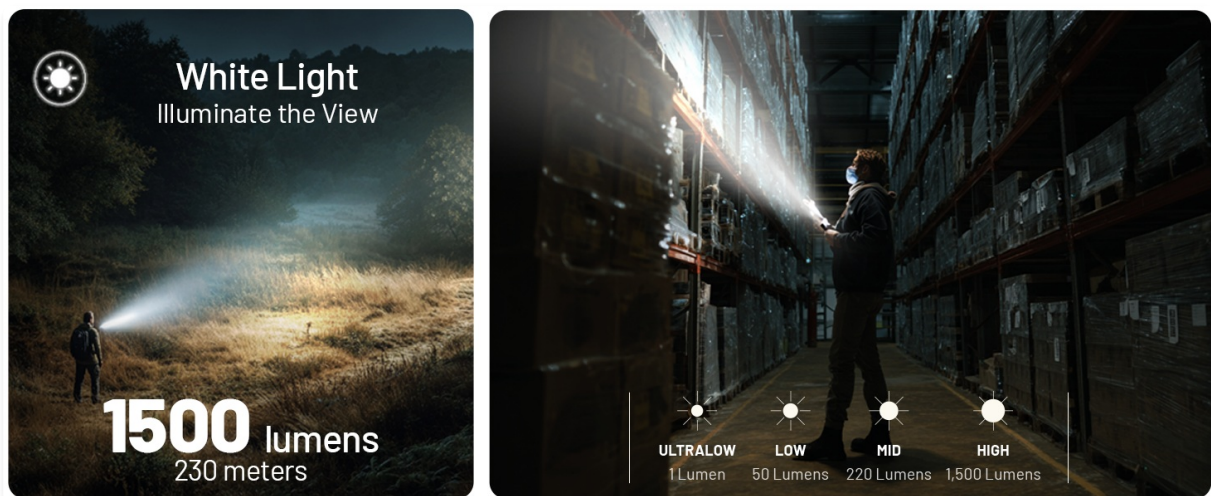

Figure 2: The EDC17 features a 3-in-1 multi-light system.

What's in the Box

- Nitecore EDC17 Flashlight
- USB-C Charging Cable
- Lanyard
- Tail Replacement Module
- Nitecore Sticker

Initial Setup

Before first use, ensure your Nitecore EDC17 is fully charged. The device comes with a pre-installed glass-breaking tip. A smooth end cap is also included in the package if you prefer to swap it for daily carry.

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Video 1: An overview of the Nitecore EDC17 flashlight, its features, and included accessories.

Operating Modes

The EDC17 features a unique dual-control interface with a sliding switch and an 'M' button for intuitive

operation.

White Light Operation

Slide the main switch forward towards the head to turn the white light on. While the white light is on, slide the switch forward again to cycle through the brightness levels: Ultralow (1 lumen), Low (50 lumens), Mid (220 lumens), and High (1500 lumens). Slide the switch backward to turn the light off.
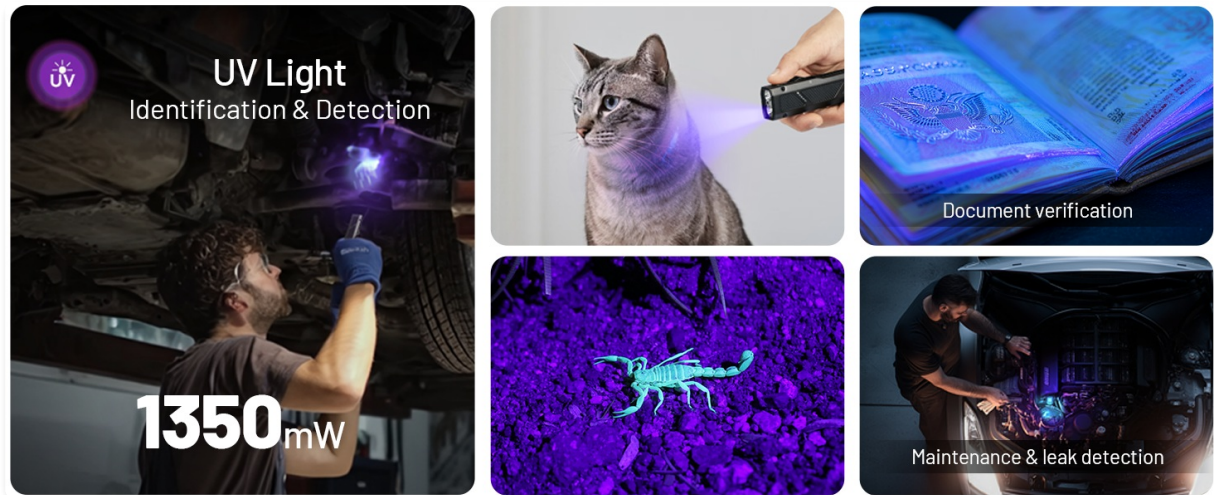

Figure 3: White light performance and brightness levels.

UV Light Operation

With the white light off, press the 'M' button to switch to the UV light mode. Press the 'M' button again to cycle through the three UV power settings: Level 1 (220mW), Level 2 (650mW), and Level 3 (1350mW).
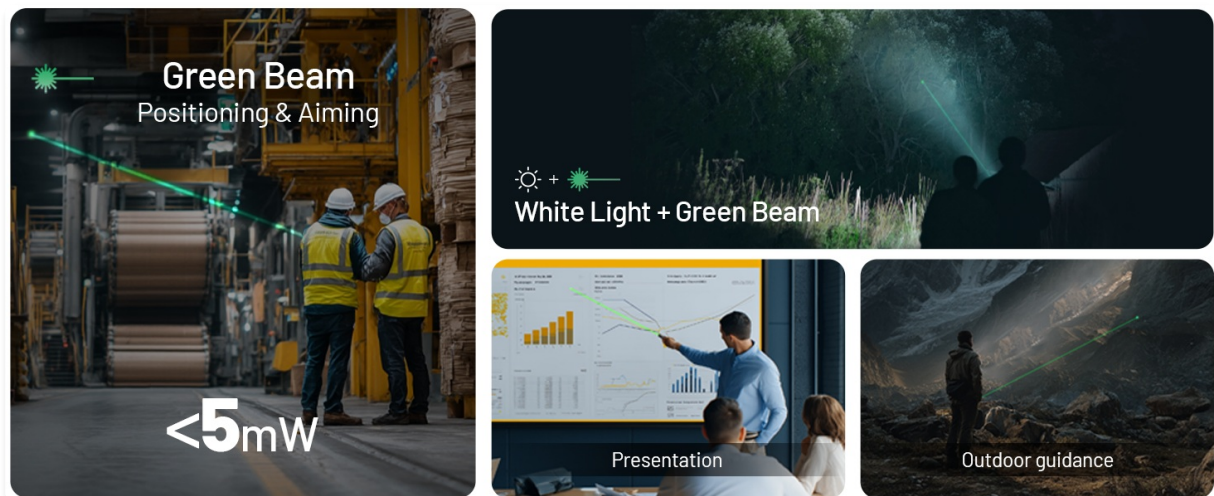

Figure 4: Applications of the professional UV inspection light.

Green Beam Operation

With the white light off, press the 'M' button twice to activate the green beam. The green beam is a Class 3R (<5mW) laser. To combine the white light and green beam, hold the 'M' button while the white light is on.

M Button

Short Press: Light source switching
Press and Hold: Direct access to green beam

Slide Switch

On / Off /
Brightness level adjustment

Glove-friendly, One-hand, Simple & Fast

Slide to Light
Press to Switch

Figure 5: Uses for the built-in green beam.

CONTROLS

The EDC17 features an intuitive one-hand dual control layout:

- **Sliding Switch:** Used for turning the white light ON/OFF and adjusting its brightness levels.
- **'M' Button:** Used for switching between the white light, UV light, and green beam. A short press cycles through the light sources. Press and hold for direct access to the green beam when the light is off.

Ultra Slim Design
Ready to Go

Includes a stainless steel clip for attaching to the pocket, belt, or bag, offering a comfortable and stylish carry

0.63"
1.26"
4.84"

weight: 3.74 oz

Figure 6: EDC17 control interface with sliding switch and M button.

CHARGING

The Nitecore EDC17 is equipped with a built-in 1500mAh rechargeable battery and a USB-C charging port. To charge, locate the recessed USB-C port on the side of the flashlight, protected by a cover. Lift the cover and insert the provided USB-C charging cable. The LED indicator lights will show the charging status and battery level.

- **Power Indication:**
  - 4 Constant-on bars: 75% - 100%
  - 3 Constant-on bars: 50% - 75%
  - 2 Constant-on bars: 25% - 50%
  - 1 Constant-on bar: 10% - 25%

- 1 Flashing bar: <10% (Please recharge the product as soon as possible)

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Video 2: Demonstration of how to charge the Nitecore EDC17 flashlight and interpret the battery indicator.

DURABILITY & PROTECTION

The EDC17 is built to withstand challenging environments:

- **Premium Stainless Steel:** Constructed from high-strength stainless steel with a PVD (Physical Vapor Deposition) coating for enhanced durability, scratch resistance, and wear resistance.

- **IPX7 Waterproof:** Provides high-level water resistance, ensuring functionality even when submerged.

- **2-Meter Impact Resistance:** Designed to withstand drops from up to 2 meters without damage.

Figure 7: All-weather protection features of the EDC17.

SPECIFICATIONS

Feature	Value
Max White Light Output	1500 Lumens
Max Beam Distance	230 meters (251 yards)
White Light Runtimes	High: 1h 45m, Mid: 3h 30m, Low: 16h, Ultralow: 260h
UV Light Output Levels	Level 1: 220mW (13h), Level 2: 650mW (5h), Level 3: 1350mW (2h)
Green Beam Output	<5mW (72h)
Water Resistance	IPX7
Impact Resistance	2 meters
Material	Stainless Steel
Dimensions	0.63"D x 1.26"W x 4.84"H
Weight	3.74 oz (106g)

Note: The stated data is measured using the built-in Li-ion battery (1,500mAh) in accordance with international flashlight

testing standards ANSI/PLATO FL 1-2019, at an ambient temperature of 20°C (68°F) in the NITECORE Lab. The data may vary in real-world use due to different environmental conditions. The data is tested without temperature regulation. The green beam (<5mW, wavelength: 510-530nm) is Class 3R, complying with the standard IEC 60825-1 requirements.

MAINTENANCE

To ensure optimal performance and longevity of your Nitecore EDC17, keep the charging port clean and free of debris. Regularly inspect the device for any physical damage. Avoid exposing the flashlight to extreme temperatures or corrosive substances.
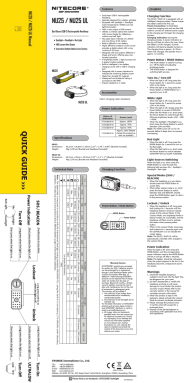
TROUBLESHOOTING

If the flashlight does not turn on or respond to controls, ensure it is fully charged. Check the USB-C charging cable and port for any damage. If issues persist, refer to the official Nitecore support resources.

WARRANTY AND SUPPORT

The Nitecore EDC17 comes with a limited warranty. For detailed warranty information, product support, or service inquiries, please visit the official Nitecore website or contact their customer service department. Keep your purchase receipt for warranty claims.

Related Documents - EDC17

	Nitecore EDC17 User Manual: Features, Specifications, and Operation Comprehensive user manual for the Nitecore EDC17 flashlight, detailing its features, specifications, operation, charging, and maintenance. Includes information on white light, UV light, and green laser modes.
	NITECORE TINI3 LED Flashlight User Manual User manual for the NITECORE TINI3 compact LED flashlight, detailing its features, specifications, operation modes (including brightness levels, color temperatures, and lockout functions), charging instructions, advanced temperature regulation, power indication, and warranty service. Includes safety warnings and disposal information.
	Nitecore NU25 / NU25 UL Dual Beam USB-C Rechargeable Headlamp User Manual User manual for the Nitecore NU25 and NU25 UL dual beam USB-C rechargeable headlamps. Details features, specifications, charging, operation modes (spotlight, floodlight, red light, SOS, beacon), power indication, warnings, and warranty.

[Nitecore NU27 MCT: Посібник користувача, характеристики та інструкції](#)
Детальний посібник користувача для ліхтаря Nitecore NU27 MCT. Дізнайтеся про функції, технічні характеристики, безпеку та інструкції з експлуатації.

[NITECORE EDC37 User Manual: Features, Specifications, and Operation Guide](#)
Comprehensive user manual for the NITECORE EDC37 flashlight, detailing its advanced features, technical specifications, operational instructions, safety guidelines, and warranty information.

[NITECORE NU25 / NU25 UL Dual Beam USB-C Rechargeable Headlamp Quick Guide](#)
Official quick guide for the NITECORE NU25 and NU25 UL dual beam USB-C rechargeable headlamps, detailing features, specifications, technical data, operation, and warranty.