Nitecore EDC17

Nitecore EDC17 Flashlight Instruction Manual

Model: EDC17

1. INTRODUCTION

The Nitecore EDC17 is a versatile 3-in-1 Everyday Carry (EDC) flashlight designed for various tasks and outdoor activities. It features a powerful white light, a precision UV black light, and a bright green beam, all housed in a slim, durable stainless steel body. This manual provides essential information on how to set up, operate, and maintain your EDC17 flashlight.

Figure 1: Front view of the Nitecore EDC17 Flashlight.

2. PRODUCT OVERVIEW

The EDC17 combines multiple lighting functions with a robust and compact design. Key features include:

- **Triple Light Sources:** Integrates a 1500-lumen white light, a UV black light, and a green beam (Class 3R, <5mW) for diverse applications.
- **High Performance White Light:** Delivers up to 1500 lumens with a throw of up to 251 yards, offering four brightness levels.
- **Built-in UV Light:** Features three levels of UV light for tasks such as leak detection, currency verification, and revealing hidden stains.
- **Green Beam:** Provides pinpoint accuracy for presentations or long-distance pointing.
- **Durable Construction:** Made from PVD-coated stainless steel, offering scratch-resistant, fingerprint-proof, and impact-resistant (2m) properties.

- **Waterproof Rating:** IPX7 rated for high-level water resistance, ensuring reliable performance in wet conditions.
- **Easy Operation:** Dual control interface with a slide switch for power and brightness, and an M button for light source switching.
- **USB-C Rechargeable:** Built-in fast-charging USB-C port with an LED power indicator for convenient recharging.
- **Compact Design:** Slim and flat at 4.84 inches long and 3.74 ounces, designed for effortless everyday carry.

Figure 2: Side view of the Nitecore EDC17 Flashlight, highlighting its slim profile.

3. SETUP

3.1 What's in the Box

Upon unboxing your Nitecore EDC17, ensure all components are present:

- EDC17 Flashlight
- USB-C Charging Cable
- Lanyard
- Belt Clip
- Tail Replacement Module

Note: The tail replacement module is for customization or replacement if needed.

3.2 Initial Charging

Before first use, fully charge the flashlight. The EDC17 features a built-in USB-C charging port. Locate the charging port cover on the side of the flashlight, open it, and connect the provided USB-C cable to a power source. The LED power indicator will show charging status.

A full charge typically takes approximately 1.5 hours. The power indicator will show a steady green light when fully charged.

3.3 Attaching the Clip and Lanyard

The included stainless steel clip can be attached to the flashlight for secure carry in a pocket, belt, or bag. The lanyard can be threaded through the designated hole for additional security and ease of access.

4. OPERATING INSTRUCTIONS

The EDC17 features a dual control interface for intuitive operation.

4.1 Controls Overview

- **Slide Switch:** Controls power On/Off and adjusts white light brightness levels.
- **M Button:** Switches between different light sources (White, UV, Green Beam).

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 4: The M Button and Slide Switch on the Nitecore EDC17.

4.2 White Light Operation

1. **Power On/Off:** Slide the switch forward to turn on the white light. Slide it back to turn off.
2. **Adjust Brightness:** While the white light is on, continue sliding the switch forward to cycle through the four brightness levels (Ultralow, Low, Mid, High). Release the switch at your desired brightness.
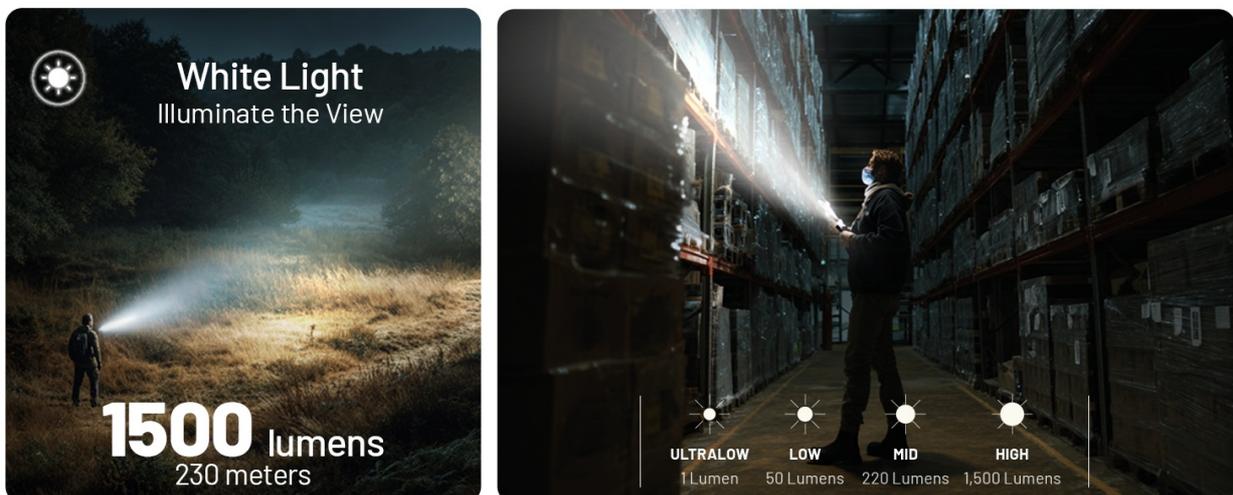

White Light
Illuminate the View

1500 lumens
230 meters

ULTRALOW	LOW	MID	HIGH
1 Lumen	50 Lumens	220 Lumens	1,500 Lumens

Figure 5: White light output with various brightness levels.

4.3 UV Black Light Operation

To activate the UV black light, press the M button. The UV light has three levels. Press the M button repeatedly to cycle through the UV brightness levels. Press the M button again to return to white light or turn off the flashlight using the slide switch.
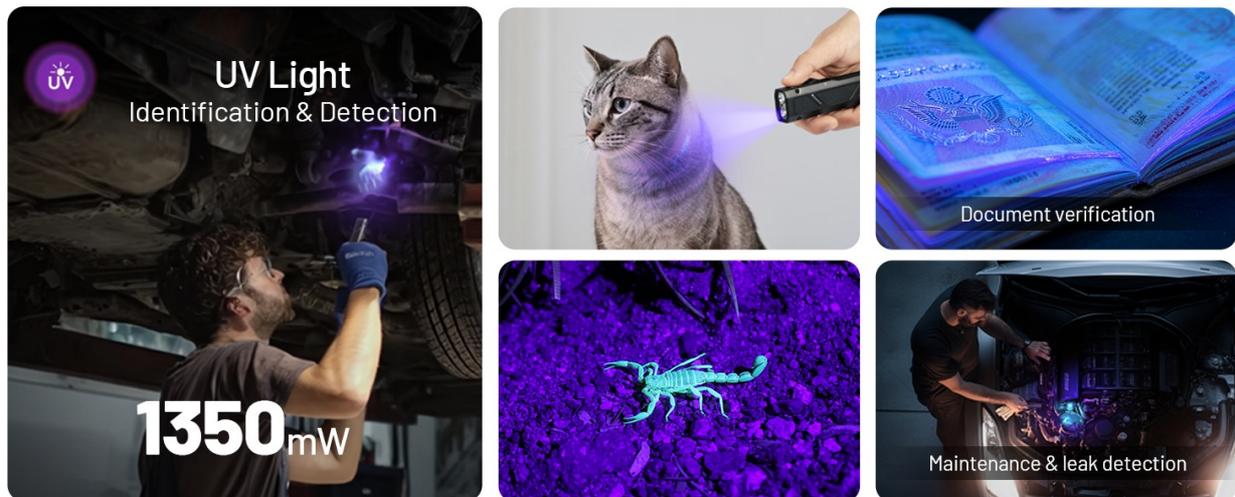

Figure 6: UV black light in use for inspection and detection.

4.4 Green Beam Operation

To activate the green beam, press and hold the M button. Release the M button to turn off the green beam. The green beam can also be used in combination with the white light for enhanced visibility and pointing.
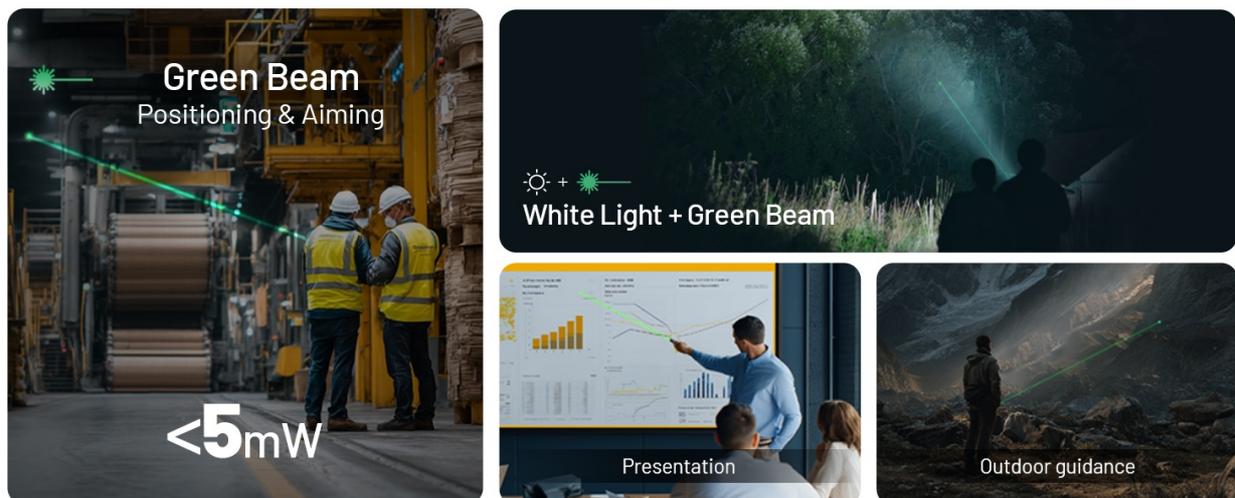

Figure 7: Green beam for positioning and aiming, also combined with white light.

4.5 Removable Glass Breaking Tip

The EDC17 is equipped with a removable glass breaking tip for emergency situations. This feature is located at the tail of the flashlight. Use with caution and only when necessary.

5. CHARGING

The Nitecore EDC17 features a convenient USB-C charging system. The recessed and covered charging port ensures protection against water, impact, and dust.

5.1 Charging Process

1. Open the protective cover of the USB-C charging port.
2. Connect the USB-C charging cable to the flashlight and a power source (e.g., USB adapter, computer).
3. The LED power indicator will display the charging status.

4. Once fully charged, the indicator will show a steady green light. Disconnect the cable and close the protective cover.

5.2 Power Indication

The LED power indicator provides real-time battery status:

- 4 Constant-on lights: 75% - 100% battery
- 3 Constant-on lights: 50% - 75% battery
- 2 Constant-on lights: 25% - 50% battery
- 1 Constant-on light: 10% - 25% battery
- 1 Flashing light: <10% battery (Recharge as soon as possible)

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Nitecore EDC17 flashlight.

- **Cleaning:** Regularly wipe the flashlight body with a soft, clean cloth. For stubborn dirt, use a slightly damp cloth. Avoid harsh chemicals or abrasive materials.
- **Charging Port:** Keep the USB-C charging port clean and free of debris. Ensure the protective cover is securely closed when not charging to prevent water and dust ingress.
- **Storage:** Store the flashlight in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, ensure the battery is partially charged (around 50%) to prolong battery life.

7. TROUBLESHOOTING

If you encounter issues with your Nitecore EDC17, try the following steps:

- **Flashlight not turning on:**

    - Ensure the battery is charged. Refer to Section 5 for charging instructions.
    - Check if the slide switch is fully engaged.

- **Light output is dim or flickering:**

    - The battery may be low. Recharge the flashlight.
    - Ensure the lens is clean.

- **Charging issues:**

    - Verify the USB-C cable is properly connected to both the flashlight and the power source.
    - Try a different USB-C cable or power adapter.
    - Ensure the charging port is free of debris.

If problems persist, contact Nitecore customer support for assistance.

8. SPECIFICATIONS

Feature	Value
White Brightness	1500 Lumens

Feature	Value
Max Distance	251 yards (230 meters)
UV Light Output	1350mW (3 levels)
Green Beam	Class 3R, <5mW
Power Source	Battery Powered (Lithium Ion)
Rechargeable	USB-C
Material	Stainless Steel (PVD-coated)
Water Resistance Level	IPX7 (Waterproof)
Impact Resistance	2m
Product Dimensions	0.63"D x 1.26"W x 4.84"H
Item Weight	3.74 ounces (0.23 Pounds)
Special Features	Lightweight, Long Range, Rechargeable, Stain Detector, Weatherproof

9. WARRANTY AND SUPPORT

The Nitecore EDC17 comes with a limited warranty. For detailed warranty information, product support, or service inquiries, please refer to the official Nitecore website or contact their customer service directly. Keep your proof of purchase for warranty claims.

10. SAFETY INFORMATION

- Do not shine the flashlight directly into eyes, as the powerful light can cause temporary vision impairment or permanent damage.
- The green beam is a Class 3R laser. Avoid direct eye exposure and do not point it at aircraft or vehicles.
- Keep the flashlight out of reach of children.
- Do not disassemble or modify the flashlight, as this may void the warranty and pose safety risks.
- Avoid exposing the flashlight to extreme temperatures or open flames.
- Ensure the charging port cover is sealed when not charging to maintain waterproof integrity.

11. OFFICIAL PRODUCT VIDEOS

Nitecore EDC Flashlights Comparison

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This video from Lumen Tactical provides an overview and comparison of various Nitecore EDC flashlights, including the EDC17. It demonstrates features like USB-C charging, durability, and different light modes.

Nitecore EDC17 Unboxing and Features

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This video from Taras Kul offers an unboxing and demonstration of the Nitecore EDC17, showcasing its design, controls, and various light functions including white light, UV light, and green laser.