

NICRON 762851879586

NICRON C1 EDC Rechargeable Flashlight User Manual

Model: C1 (762851879586)

1. SAFETY INFORMATION

Please read all instructions carefully before using the NICRON C1 EDC Rechargeable Flashlight. Keep this manual for future reference.

- **Battery Safety:** Ensure the insulating sheet is removed from the battery compartment before first use. Use only the specified 16340 Li-ion rechargeable battery. Do not attempt to use CR123A batteries.
- **Heat Warning:** The flashlight may become warm during prolonged use, especially on higher brightness modes. Avoid direct contact with the hot surface for extended periods.
- **Eye Protection:** Do not shine the light directly into eyes. The high lumen output can cause temporary vision impairment.
- **Water Resistance:** The flashlight is IPX8 waterproof, meaning it can be submerged up to 2 meters for 30 minutes. Ensure the USB-C charging port cover is securely closed before exposure to water.

2. PRODUCT OVERVIEW

The NICRON C1 is a compact and powerful Everyday Carry (EDC) flashlight designed for various applications, from outdoor adventures to daily tasks. It features a durable aluminum body, multiple lighting modes, and convenient USB-C recharging.

Key Features:

- **High Brightness:** Up to 1200 lumens output.
- **Compact Design:** Lightweight and pocket-sized for easy portability.
- **Magnetic Tail Cap:** Allows attachment to metal surfaces for hands-free operation.
- **Dual-Way Clip:** Securely attach to clothing, hats, or gear.
- **USB-C Rechargeable:** Convenient charging with a Type-C cable.
- **Multiple Lighting Modes:** Moonlight, Low, Medium, High, Max, Strobe, and SOS.
- **Memory Function:** Recalls the last used mode (excluding Strobe/SOS).
- **Waterproof:** IPX8 rated for reliable performance in wet conditions.

Components:

1. **Flashlight Body:** Durable aluminum construction.
2. **Side Switch:** Controls power and mode selection.
3. **USB-C Charging Port:** For recharging the internal battery.
4. **Magnetic Tail Cap:** Provides magnetic attachment.
5. **Dual-Way Pocket Clip:** For versatile attachment.
6. **Lanyard:** For secure carrying.



Figure 1: NICRON C1 EDC Flashlight. A compact green flashlight with a gold-colored bezel and a black side switch, shown in a hand.

3. SETUP

1. **Remove Insulating Sheet:** Before first use, unscrew the tail cap and remove the plastic insulating sheet located between the battery and the contact point. Re-tighten the tail cap securely.
2. **Initial Charge:** It is recommended to fully charge the flashlight before its first use. Refer to the 'Charging' section for detailed instructions.

3. **Attach Lanyard/Clip:** Attach the included lanyard to the tail cap for added security, or utilize the dual-way clip for hands-free carrying options.



Figure 2: Package Contents. The image displays the NICRON C1 flashlight, a Li-ion battery, a USB-C charging cable, a tail rope (lanyard), and the instruction manual, all neatly arranged next to its retail box.

4. OPERATING INSTRUCTIONS

The NICRON C1 features a single side switch for all operations.

1. **Power On/Off:** Single click the side switch to turn the flashlight ON or OFF.
2. **Mode Selection:** When the flashlight is ON, press and hold the side switch to cycle through the brightness modes: Moonlight → Low → Medium → High → Max. Release the switch to select the desired mode.
3. **Special Modes (Strobe/SOS):** Double-click the side switch from any state (ON or OFF) to activate Strobe mode. Double-click again to switch to SOS mode. Single click to turn OFF or return to the previously used general mode.
4. **Lock/Unlock Function:** Double-click the switch from the OFF state to lock the flashlight. This prevents accidental activation. Double-click again to unlock.
5. **Memory Function:** The flashlight will remember the last used general brightness mode (Moonlight, Low, Medium, High, Max) when turned off and will return to that mode when turned on again. Strobe and SOS modes are not memorized.



Figure 3: 7 Light Modes. An outdoor night scene illuminated by the flashlight, demonstrating the beam spread and intensity, with an overlay showing the different lumen outputs and runtimes for Moonlight, Low, Medium, High, Max, Strobe, and SOS modes.

5. CHARGING

The NICRON C1 is equipped with a convenient USB-C charging port.

1. **Connect Cable:** Open the rubber cover on the side of the flashlight to expose the USB-C charging port. Insert the provided USB-C cable into the port and connect the other end to a USB power source (e.g., wall adapter, power bank, computer).
2. **Charging Indicator:** The switch indicator light will illuminate **RED** while the flashlight is charging.
3. **Full Charge Indication:** The indicator light will turn **GREEN** when the battery is fully charged.
4. **Charging Time:** Charging time may vary depending on the power source.
5. **Secure Port Cover:** After charging, ensure the rubber cover is firmly pressed back into place to maintain the flashlight's IPX8 water resistance.



Figure 4: Type-C Rechargeable Battery. The flashlight is shown connected to a USB-C charging cable, with close-ups of the USB-C port and the green charging indicator light on the switch, indicating a full charge.

6. MAINTENANCE

- **Cleaning:** Clean the flashlight body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **O-rings:** Periodically inspect the O-rings for wear and tear. Replace them if damaged to maintain water resistance. A spare O-ring is included.
- **Lubrication:** Apply a thin layer of silicone grease to the O-rings and screw threads occasionally to ensure smooth operation and water resistance.
- **Storage:** Store the flashlight in a cool, dry place when not in use for extended periods. Recharge the battery every few months to maintain its health.

7. TROUBLESHOOTING

If you encounter issues with your NICRON C1 flashlight, please refer to the following common solutions:

- **Flashlight Not Turning On:**
 - a. Ensure the battery insulating sheet has been removed.
 - b. Check if the battery is charged. Recharge if necessary.
 - c. Verify the tail cap is fully tightened. A loose tail cap can prevent electrical contact.
 - d. Check if the flashlight is in lock mode (double-click to unlock).
- **Light Output is Weak or Flickering:**
 - a. The battery level may be low. Recharge the battery.
 - b. Ensure the battery is properly inserted.
- **Water Leakage:**
 - a. Ensure the USB-C charging port cover is fully sealed.
 - b. Check the O-rings for damage or improper seating.

If the issue persists, please contact NICRON customer support.

8. SPECIFICATIONS

Feature	Detail
Model	C1
Brightness (Max)	1200 Lumens
Light Source	LED
Beam Distance	Up to 148 meters
Intensity	5500cd
Power Source	Battery Powered (1x 16340 Lithium Ion, included)
Charging Port	USB Type-C
Runtime (Moonlight)	Up to 90 hours (1 Lumen)
Runtime (Max)	2 hours (1200 Lumens)
Water Resistance	IPX8 (Submersible up to 2 meters for 30 minutes)
Drop Resistance	1 meter
Material	Aerospace-grade Aluminum Alloy
Dimensions (L x D)	69mm x 25mm (2.7" x 0.98")
Weight	56 grams (with battery)
Included Components	Flashlight, Li-ion Battery, USB-C Cable, Lanyard

Technical Parameters



ANSI/FL1	Moon light	Low	Med	High	Max	Strobe	SOS
 Brightness	1	25	70	200	1200	1200	1200
 Run Time	90H	11H	3H	2.5H	2H	/	/
 LED	High power LED						
 Beam Distance	148m						
 Intensity	5500cd						
 Water Resistant	IPX8						
 Drop Resistant	1m						
 Weight	36g, without battery, 56g with battery						
 Size	Length69mm × Max dia25mm						
 Package	Flashlight, Charging Cable, Strap						

*Above datum tested base on ANSI/NEMA FL 1–2009 standard with the Rechargeable battery on normal temperature in lab , maybe vary depending on different environment.

Figure 5: Technical Parameters. A detailed table outlining the flashlight's performance specifications across different brightness modes, including brightness (lumens), run time (hours), beam distance (meters), intensity (cd), drop resistance, water resistance, and charging type.

9. WARRANTY AND SUPPORT

The NICRON C1 EDC Rechargeable Flashlight comes with a **2-year manufacturer's limited warranty**. For warranty claims, technical support, or any inquiries, please contact NICRON customer service through your retailer or the official NICRON website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question