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› NICRON B11 Rechargeable Flashlight User Manual

NICRON FLU-B11

NICRON B11 Rechargeable Flashlight User Manual

Model: FLU-B11

1. INTRODUCTION

Thank you for choosing the NICRON B11 High Performance Mini Rechargeable Flashlight. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your device. Please read it thoroughly before use and retain it for future reference.

The NICRON B11 is a high-brightness, 950 Lumen tactical flashlight designed for reliability and durability, suitable for professional and daily use. It features a CREE XP-L HI V2 LED, a dimmable output switch, and convenient micro USB charging.

2. PRODUCT OVERVIEW AND FEATURES

The NICRON B11 is engineered for superior performance and convenience. Key features include:

- **High Performance LED:** Utilizes CREE XP-L HI V2 LED with a high-performance aluminum reflector.
- **Brightness:** Up to 950 Lumens output.
- **Beam Distance:** 167 Meter long beam distance.
- **Operating Modes:** 6 modes including Low, Med, High, Turbo, Strobe, and SOS.
- **Smart Memory Switch:** Remembers the last operating mode used.
- **Rechargeable Battery:** Includes a 18350 Li-Ion 900mAh battery.
- **Micro USB Charging:** Inbuilt micro USB charging port for convenience.
- **Durability:** Patented scratch-resistant anodized finish, strong aluminum body.
- **Waterproof & Dustproof:** IP67 rated, ensuring protection against water and dust.
- **Drop Resistant:** 1-meter drop resistant.
- **Versatile Clip:** Double-way clip with tail standing capability for hands-free operation.



Figure 2.1: The NICRON B11 flashlight, showcasing its compact design and integrated pocket clip.



Figure 2.2: Side view of the NICRON B11, highlighting the control buttons and charging port.



Figure 2.3: The NICRON B11 flashlight comfortably held in a user's hand, demonstrating its mini size.



Mini Rechargeable Tactical Flashlight 9W **B11**

With good water resistant, high brightness, Smart double switch to change any mode. Suitable for EDC, industry, or out door work, etc.

Brightness

950 LM

Run Time

7 H

167m

7000cd

IP67/1m

1m



Double-way Clip



Smart Double Switch

ANSI FL1	Low	Med	High	Max	Strobe	SOS
Brightness	70	160	300	950	950	950
Run Time	7H	3H	2H	1.5H	/	/
LED	CREE XP-L HI V2					
Battery	18350 Li-ion Battery, 1100mAh Full charged time 4 hrs, 300times					
Weight	80g (without batteries)					
Size	Length 80mm x Max dia 28mm					
Package	PVC-color box, 5/20 per carton, Flashlight, Battery, USB-Micro Cable					



Figure 2.4: Detailed diagram illustrating the double-way clip, smart double switch, and key specifications of the B11.



Figure 2.5: Visual representation of the B11's super-bright capabilities, highlighting lumens, runtime, beam distance, intensity, drop resistance, and waterproof rating.



Figure 2.6: Illustration of the six distinct lighting modes available on the NICRON B11, including the memory function.

3. SETUP

3.1. Initial Charging

Before first use, fully charge the NICRON B11 flashlight. The device comes with a pre-installed 18350 Li-Ion 900mAh battery.

1. Locate the micro USB charging port on the flashlight body.
2. Connect the provided USB cable to the flashlight's micro USB port.
3. Connect the other end of the USB cable to a standard USB power source (e.g., computer USB port, USB wall adapter).
4. The indicator light will show charging status (refer to the flashlight's specific indicator behavior, typically red for charging, green for fully charged).
5. Allow the flashlight to charge until the indicator shows a full charge. A full charge typically takes approximately 4 hours (without batteries).



Figure 3.1: The NICRON B11 flashlight alongside its included USB charging cable, demonstrating the contents of the package.

3.2. Attaching the Clip

The NICRON B11 features a double-way clip for versatile carrying and hands-free use. The clip can be attached or re-positioned as desired along the body of the flashlight.

4. OPERATING INSTRUCTIONS

The NICRON B11 is designed for intuitive operation with its smart double switch system.

4.1. Power On/Off

- **To Turn On:** Press the power button (typically the larger, more prominent button).
- **To Turn Off:** Press and hold the power button for approximately 1 second.

4.2. Changing Modes

The B11 offers six operating modes: Low, Med, High, Turbo, Strobe, and SOS. It also features a smart memory function that recalls the last used mode.

- **To Cycle Through Brightness Modes (Low, Med, High, Turbo):** While the flashlight is on, short press the mode button (typically the smaller button next to the power button) to cycle through the brightness levels.
- **To Activate Strobe Mode:** Double-click the mode button rapidly.
- **To Activate SOS Mode:** From Strobe mode, double-click the mode button again, or triple-click the mode button from any brightness mode.
- **Memory Function:** The flashlight will automatically remember the last brightness mode (Low, Med, High, Turbo) used when turned off and will return to that mode when turned back on. Strobe and SOS modes are not typically remembered.

4.3. Battery Level Indicator

The flashlight may feature a battery level indicator (often integrated into the switch button) to show the remaining power. Consult the product packaging or specific product details for exact indicator behavior (e.g., green for full, red for low).

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your NICRON B11 flashlight.

5.1. Cleaning

- Wipe the flashlight body with a clean, soft cloth.
- For stubborn dirt, use a slightly damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Keep the lens clean for maximum light output. Use a lens cleaning cloth if necessary.

5.2. Battery Care

- Recharge the battery regularly, especially if the flashlight is not used for extended periods, to maintain battery health.
- Avoid fully discharging the battery frequently, as this can reduce its lifespan.
- Store the flashlight in a cool, dry place when not in use.

5.3. O-Ring Lubrication

To maintain the IP67 waterproof rating, periodically inspect and lubricate the O-rings (if accessible, typically around the tail cap or head). Use silicone grease designed for O-rings.

6. TROUBLESHOOTING

If you encounter issues with your NICRON B11, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Flashlight does not turn on.	Battery is depleted.	Charge the battery fully.
Flashlight turns on but is dim.	Low battery level.	Recharge the battery.
Modes are not changing.	Incorrect button press.	Refer to Section 4.2 for correct mode changing procedures. Ensure short presses for brightness, double/triple clicks for Strobe/SOS.
Charging indicator not working.	Faulty USB cable or power source.	Try a different USB cable or power source. Ensure the cable is fully inserted.

If the problem persists after trying these solutions, please contact NICRON customer support.

7. SPECIFICATIONS

Detailed technical specifications for the NICRON B11 flashlight:

Feature	Detail
Model Number	FLU-B11
Brand	NICRON

Feature	Detail
Light Source	CREE XP-L HI V2 LED
Brightness	950 Lumens (Max)
Beam Distance	167 meters
Power Source	Battery Powered
Battery Type	18350 Li-Ion 900mAh (Included)
Charging Port	Micro USB
Runtime	Up to 6 hours (depending on mode)
Material	Aluminium
Color	Black
Water Resistance	IP67 (Waterproof)
Drop Resistance	1 meter
Special Feature	Portable, Smart Memory Switch, Double-Way Clip
Included Components	Flashlight, 18350 900mAh Battery, USB Cable



Figure 7.1: Overview of the NICRON B11's core specifications, including lumens, beam distance, and runtime.

8. WARRANTY AND SUPPORT

8.1. Manufacturer Warranty

The NICRON B11 flashlight comes with a **1-year Manufacturer Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents,

unauthorized modifications, or normal wear and tear.
Please retain your proof of purchase for warranty claims.

8.2. Customer Support

For technical assistance, warranty claims, or any questions regarding your NICRON B11 flashlight, please contact NICRON customer support through the retailer where you purchased the product or visit the official NICRON website for contact information.

Website: www.nicron.com
Email: support@nicron.com

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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

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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