

NICRON L74

NICRON L74 Rechargeable Flashlight Instruction Manual

Model: L74 | Brand: NICRON

INTRODUCTION

The NICRON L74 is a high-performance rechargeable flashlight designed for versatility and durability. It features a powerful 1000-lumen output, a 90° rotatable head for flexible illumination, a magnetic tail for hands-free use, and a two-way clip for secure attachment. Built with robust aluminum alloy and rated IP65 waterproof, the L74 is suitable for various environments and activities, from everyday carry to outdoor adventures and emergency situations. This manual provides essential information for the safe and effective use of your NICRON L74 flashlight.

SAFETY INFORMATION

- Do not look directly into the light beam to avoid eye injury.
- Keep out of reach of children.
- Ensure the battery is inserted with correct polarity.
- Do not disassemble the flashlight head or battery.
- Use only recommended batteries and charging cables.
- Avoid exposing the flashlight to extreme temperatures or direct sunlight for prolonged periods.

PACKAGE CONTENTS

Verify that all items are present in your package:

- NICRON L74 Flashlight

- Rechargeable Battery (pre-installed)
- USB-C Charging Cable
- Instruction Manual



Image: Contents of the NICRON L74 flashlight package, including the flashlight, rechargeable battery, USB-C cable, and instruction manual.

SETUP

1. Battery Installation and Initial Use

Before first use, it is essential to remove the insulating sheet from the battery compartment to allow the flashlight to function.

1. Unscrew the tail cap of the flashlight.
2. Remove the yellow insulating sheet located between the battery and the contact point.
3. Ensure the rechargeable battery is inserted with the positive (+) end facing towards the flashlight head.
4. Securely screw the tail cap back on.



Image: A diagram illustrating the removal of the yellow insulating sheet from the battery compartment before the first use of the flashlight.

2. Charging the Battery

The NICRON L74 features a built-in 900mAh rechargeable battery and supports USB-C charging. It is also compatible with a standard AA battery for alternative power.

1. Locate the USB-C charging port on the flashlight head.
2. Connect the provided USB-C cable to the flashlight and a power source (e.g., USB wall adapter, computer USB port).
3. The indicator light will show red while charging and turn green when fully charged.



Image: Illustration of the two charging methods for the NICRON L74 flashlight: direct USB-C charging via the flashlight's port and charging the removable battery via its own USB-C port. Indicator lights show charging status (red for charging, green for full).

Video: A seller-provided video demonstrating the charging process of the NICRON L74 flashlight, highlighting the USB-C port and battery indicator lights.

OPERATING INSTRUCTIONS

1. Power On/Off and Brightness Modes

The flashlight features multiple brightness levels and special modes for various situations.

1. **Power On/Off:** Long press the side switch to turn the flashlight on or off.
2. **Cycle Brightness:** With the flashlight on, short press the side switch to cycle through brightness modes: Moonlight > Low > Medium > High.
3. **Strobe Mode:** Double-click the side switch from any state to activate Strobe mode.
4. **SOS Mode:** Triple-click the side switch from any state to activate SOS mode.
5. **Mode Memory:** The flashlight will remember the last used brightness mode (excluding Strobe and SOS) when turned off and on again.
6. **Lockout Function:** Double-click and hold the side switch for 2 seconds to activate or deactivate the lockout function. The flashlight will blink twice to confirm.

2. 90° Rotatable Head

The unique 90° rotatable head allows for flexible light direction, converting the flashlight from a standard handheld light to an L-shaped work light or headlamp (with optional accessories).

Master with one hand

Compact in size and appropriate in weight

21mm/0.82in



WEIGHT

2.15 oz / 61g

*Without Battery

2.89 oz / 82g

*With Battery



The 360° clip is firm and stable

Image: The NICRON L74 flashlight demonstrating its 90-degree rotatable head, allowing the user to adjust the light angle for various tasks.

3. Magnetic Tail and 2-Way Clip

Enhance hands-free operation and portability with the integrated magnetic tail and reversible clip.

- **Magnetic Tail:** The strong magnetic base allows the flashlight to be securely attached to any metal surface, providing convenient hands-free illumination.
- **2-Way Clip:** The durable 360° reversible clip enables easy attachment to belts, pockets, backpack straps, or other gear for stable and convenient carrying.

NICRON[®]
Safe & Reliable Portable Lighting Tools

L74 **NEW**

MAGNET SMALL EDC
Rechargeable Twist Flashlight

Max. Output  1000 Lumens	Max. Runtime  58 Hours	Max. Beam Distance  126 Meter	Waterproof  IP65
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Image: The NICRON L74 flashlight attached to a metal surface via its magnetic tail, providing hands-free lighting for a task.

NICRON[®]
Safe & Reliable Portable Lighting Tools



L74

Rechargeable Twist Flashlight



High power LED



1000LM



189meter



14500 Battery
OR AA Battery

Image: The NICRON L74 flashlight clipped to a pocket using its 2-way clip, demonstrating its portability and hands-free carrying options.

Video: A seller-provided video showcasing the NICRON L74 flashlight's rotating head, magnetic tail, and various brightness modes in practical use scenarios.

MAINTENANCE

- **Cleaning:** Clean the flashlight body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Care:** Recharge the battery regularly, even if not in use, to maintain optimal performance and extend its lifespan. Store the flashlight with a partially charged battery if not used for extended periods.
- **O-rings:** Periodically check and lubricate the O-rings with silicone grease to maintain the IP65 waterproof rating. Replace damaged O-rings as needed.
- **Water Resistance:** The flashlight is IP65 waterproof, meaning it is protected against dust and low-pressure water jets. It is not designed for submersion. Ensure the USB-C port cover is securely closed to maintain water resistance.

All Weather Applicable



Fearless of outdoor heavy rain, reliable performance,
a reliable companion in harsh environments



Image: The NICRON L74 flashlight shown with water droplets, illustrating its IP65 waterproof and 1m impact-resistant features, suitable for harsh environments.

TROUBLESHOOTING

• Flashlight not turning on:

- Ensure the insulating sheet has been removed from the battery compartment (refer to Setup section).
- Check if the battery is charged. If not, connect the flashlight to a power source using the USB-C cable.
- Verify the battery is inserted with the correct polarity.
- If the lockout function is active (flashlight blinks when trying to turn on), double-click and hold the side switch for 2 seconds to deactivate it.

• Light output is dim or flickering:

- The battery may be low. Recharge the battery.
- Ensure the battery contacts are clean and free from debris.

• Water ingress:

- Ensure all caps and covers, especially the USB-C port cover, are securely tightened or closed.
- Check O-rings for damage or proper seating.

SPECIFICATIONS

Feature	Specification
Max Output	1000 Lumens
Max Beam Distance	138 meters
Max Runtime	58 hours (Moonlight mode)
Battery Type	Rechargeable Lithium Ion (900mAh) / AA Battery
Charging	USB-C
Water Resistance	IP65
Impact Resistance	1 meter
Material	Aluminum Alloy
Dimensions (L x W x H)	115mm (4.52in) x 21mm (0.82in) x 21mm (0.82in)
Weight (with battery)	82g (2.89 oz)

		FL1 STANDARD						
Rechargeable Battery	HIGH	1000-300LM	90s-40min	126m	4000cd	1m (Impact Resistance)	IP65 (Waterproof)	
	MED	420-150LM	5min-2h5min	/	/			
	LOW	70LM	5h10min	/	/			
	MOONLIGHT	3LM	58h	/	/			
	STROBE	1000LM	/	/	/			
	SOS	1000LM	/	/	/			
AA Battery	HIGH	200LM	5h10min	56m	800cd			
	MED	60LM	13h20min	/	/			
	LOW	10LM	48h	/	/			
	MOONLIGHT	5LM	100h	/	/			
	STROBE	200LM	/	/	/			
	SOS	200LM	/	/	/			

Above datum tested base on ANSI FL2009 standard with the Rechargeable battery & AA battery on normal temperature in lab , maybe vary depending on different

Image: A table detailing the technical specifications of the NICRON L74 flashlight, including lumen output, beam distance, runtime, and various modes for both rechargeable and AA batteries.

WARRANTY AND SUPPORT

Warranty Information

The NICRON L74 flashlight comes with a 2-year limited manufacturer's warranty. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, warranty claims, or product inquiries, please contact NICRON customer support

through the retailer where the product was purchased or visit the official NICRON website for contact details.