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NICRON N7

NICRON N7 Tactical Flashlight

INSTRUCTION MANUAL

Introduction

The NICRON N7 is a versatile and durable tactical flashlight designed for various applications, including camping, outdoor activities, hiking, and everyday use. Its innovative 90-degree rotatable head and magnetic tail cap provide exceptional flexibility and hands-free operation. Built with an IP65 waterproof rating, the N7 is engineered to withstand challenging environments.

Package Contents

Upon opening your NICRON N7 package, please ensure all items listed below are present:

- NICRON N7 LED Flashlight
- Welcome Guide Manual

WHAT'S IN THE BOX



Note: Packing list does not include the battery

Image: The NICRON N7 flashlight and its accompanying welcome guide manual, as found in the product packaging.

Setup

The NICRON N7 flashlight is powered by either a single AA battery or a 14500 rechargeable battery (batteries are not included). Follow these steps to install the battery:

1. Unscrew the tail cap of the flashlight by turning it counter-clockwise.
2. Insert one AA battery or one 14500 rechargeable battery into the battery compartment with the positive (+) end facing towards the head of the flashlight.
3. Screw the tail cap back on clockwise until it is securely tightened. Ensure it is fully tightened to maintain water resistance.



Image: Illustration of the NICRON N7 flashlight highlighting its compatibility with both AA and 14500 batteries, and their respective lumen outputs.

Operation

Power On/Off and Mode Selection

The NICRON N7 features a single side switch for all operations. To prevent accidental activation, the flashlight requires a specific sequence to turn on and off.

- **To Turn On:** Press and hold the side switch for approximately 2 seconds. The flashlight will activate in High mode.
- **To Cycle Modes:** Once on, quickly press the side switch to cycle through the modes: High → Low.
- **To Activate Strobe/SOS:** From any ON mode, press and hold the side switch for approximately 3-5 seconds to activate Strobe mode. Press and hold again for 3-5 seconds to activate SOS mode.
- **To Turn Off:** From any mode, press and hold the side switch for approximately 2 seconds.
- **Lockout Function:** To prevent accidental activation during transport, slightly unscrew the tail cap by a few turns. This will break the electrical connection and prevent the flashlight from turning on.



Image: An exploded view of the NICRON N7, detailing its components and the four operational modes accessible via the side switch.

90-Degree Rotatable Head

The unique 90-degree rotatable head allows the flashlight to function as a traditional handheld light or an angle light, providing versatile illumination options. Simply rotate the head to your desired angle.



Image: The NICRON N7 flashlight demonstrating its 90-degree rotatable head, allowing for flexible lighting angles.

Magnetic Tail Cap and Steel Clip

The magnetic tail cap allows the flashlight to securely attach to any ferrous metal surface, enabling hands-free lighting for tasks such as vehicle repair or working in tight spaces. The integrated steel clip provides additional carrying options, allowing you to attach the flashlight to pockets, belts, or hat visors.



Image: The NICRON N7 flashlight utilizing its magnetic tail cap to provide hands-free illumination during an automotive repair.



Image: A person using the NICRON N7 flashlight clipped to their gear, showcasing the convenience of its steel clip design for hands-free operation.

Official Operation Video

Your browser does not support the video tag.

Video: A detailed demonstration of how to operate the NICRON N7 flashlight, including power control and mode cycling.

Maintenance

Proper maintenance ensures the longevity and optimal performance of your NICRON N7 flashlight.

- **Cleaning:** Wipe the flashlight with a clean, soft cloth. For stubborn dirt, use a damp cloth and mild soap, then dry thoroughly.
- **Lubrication:** Periodically apply a thin layer of silicone grease to the O-rings and screw threads to maintain water resistance and smooth operation.
- **Battery Care:** If the flashlight will not be used for an extended period, remove the battery to prevent leakage and damage to the device.

Water Resistance (IP65 Rated)

The NICRON N7 is IP65-rated, meaning it is protected against dust ingress and low-pressure water jets

from any direction. While it can withstand heavy rain and temporary submersion, it is not designed for prolonged underwater use.



Image: The NICRON N7 flashlight shown in a wet environment, illustrating its IP65 water resistance.

Troubleshooting

If you encounter issues with your NICRON N7 flashlight, refer to the table below for common problems and solutions:

Problem	Possible Cause	Solution
Flashlight does not turn on.	<ul style="list-style-type: none">◦ Battery inserted incorrectly.◦ Battery is depleted.◦ Tail cap is loose.	<ul style="list-style-type: none">◦ Ensure battery is inserted with positive (+) end towards the head.◦ Replace with a fresh battery.◦ Tighten the tail cap securely.
Light flickers or is dim.	<ul style="list-style-type: none">◦ Low battery power.◦ Loose connections.◦ Dirty contacts.	<ul style="list-style-type: none">◦ Replace or recharge battery.◦ Ensure tail cap is tight.◦ Clean battery contacts and threads with a clean cloth.

Problem	Possible Cause	Solution
Head rotation is stiff.	<ul style="list-style-type: none"> Lack of lubrication. 	<ul style="list-style-type: none"> Apply a small amount of silicone grease to the rotating mechanism.

Specifications

Feature	Detail
Brand	NICRON
Model	N7
Brightness (14500 battery)	600 Lumens
Brightness (AA battery)	250 Lumens
Light Path Distance	Up to 413 Feet
Water Resistance Level	IP65 (Waterproof)
Material	Metal, Steel
Product Dimensions	0.82"D x 0.82"W x 4.4"H
Item Weight	1.92 ounces
Power Source	Battery Powered (AA or 14500)
Light Source Type	LED
Special Features	Lightweight, Weatherproof, Magnetic Tail Cap, 90-Degree Rotatable Head

Warranty and Support

The NICRON N7 LED Flashlight comes with a worry-free 12-month manufacturer's warranty. If you experience any issues with your product or have questions, please contact NICRON customer service for assistance.

For support, please refer to the contact information provided in your product packaging or visit the official NICRON website.