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NEXTORCH P80

NEXTORCH P80 Rechargeable Tactical Flashlight User Manual

Model: P80B

INTRODUCTION

The NEXTORCH P80 is a high-performance rechargeable tactical flashlight designed for various applications including night duty, outdoor adventure, self-protection, and daily use. It features a powerful 1600-lumen output, multiple operating modes, and a durable aerospace-grade aluminum construction. This manual provides essential information for the proper setup, operation, and maintenance of your P80 flashlight.



Image: The NEXTORCH P80 rechargeable tactical flashlight in Wolf Brown color, showcasing its compact design and textured grip.

High Performance Multiple Applications

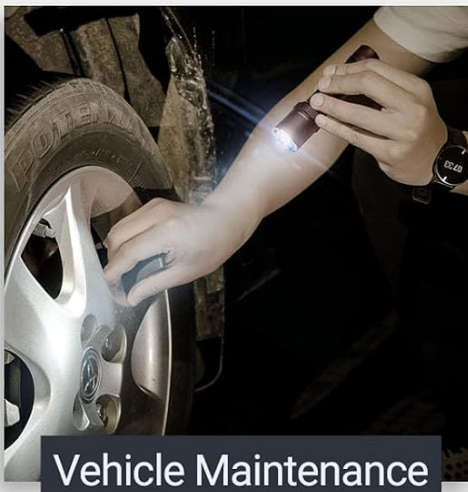


Image: A collage illustrating various applications of the NEXTORCH P80 flashlight, including duty patrol, outdoor adventures, vehicle maintenance, and emergency defense.

PACKAGE CONTENTS

- NEXTORCH P80 Rechargeable Flashlight
- User Manual (this document)
- Type-C Charging Cable
- Hand Strap
- Seal Ring (x2)
- Lithium Ion Battery (pre-installed)

SETUP

1. Initial Charging

Before first use, fully charge the NEXTORCH P80 flashlight. The device features a Type-C direct charging port for convenience.

1. Locate the charging port. It is hidden and accessed by un-threading the bezel end of the light.
2. Connect the provided Type-C cable to the flashlight's charging port.
3. Connect the other end of the Type-C cable to a compatible USB power source (e.g., wall adapter, computer USB port).
4. The LED battery indicator lights will show the charging status. Blue lights will flash during charging and remain solid blue when fully charged.
5. Once fully charged, disconnect the cable and re-thread the bezel to protect the charging port.



USB-C Direct Charge

Hidden Charging Port for Better Protection

Compatible with various USB ports. Plug in the data cable, connect the power supply, and immediately enter the charging state.



Image: The NEXTORCH P80 flashlight connected to a USB-C charging cable, illustrating the hidden charging port and the blue LED indicators during charging.

2. Attaching the Hand Strap

Attach the included hand strap to the designated loop on the tail cap of the flashlight for secure carrying and to prevent accidental drops.

OPERATING INSTRUCTIONS

The NEXTORCH P80 features dual side press switches for intuitive control of its various functions.



Two Side-mounted Switches

For Quick One-step Strobe & Mode Switching



Mode Switching

- Half press to access Momentary On (high light)
- Full press to access Constant On (medium light)
- When light is in Constant On mode, half press to cycle through: Medium, Low, High

One-step Strobe

In any modes, full press to enter One-step Strobe and full press again to turn off

Image: A close-up view of the NEXTORCH P80's two side-mounted switches, indicating the smaller strobe switch and the larger mode switching switch with LED battery indicators.

1. Mode Switching (Larger Switch)

- **Momentary On (High Light):** Half-press the larger switch to activate momentary high brightness. Release to turn off.
- **Constant On (Medium Light):** Full-press the larger switch until it clicks to activate constant medium brightness.
- **Cycling Modes:** When the light is in Constant On mode, half-press the larger switch to cycle through the brightness levels: Medium, Low, High.
- **Turn Off:** Full-press the larger switch until it clicks again to turn the flashlight off.

The P80 has a preset 350 lumens for the first bright mode when turned on, suitable for general duty applications.



High Illumination Output

Max output up to 1600 lumens, for a clear view under dark environments



Image: A person using the NEXTORCH P80 flashlight in a dark environment, demonstrating its high illumination output of up to 1600 lumens.

2. Strobe Function (Smaller Switch)

- In any mode, full-press the smaller switch to activate the one-step variable frequency strobe.
- Full-press the smaller switch again to turn off the strobe function.



One-step Variable Frequency Strobe

One-step Strobe design allows you to quickly activate the flashlight and visually disturb the opponent even in a panic

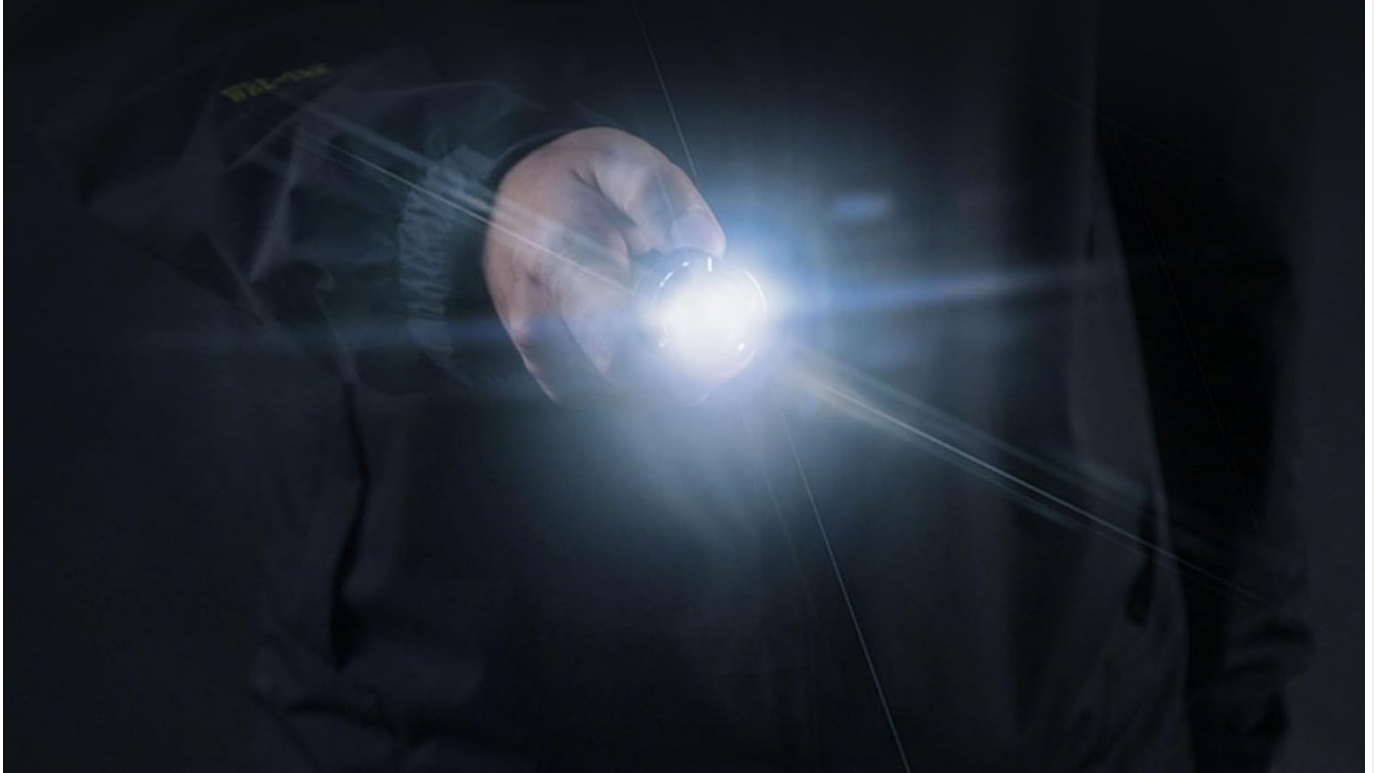


Image: A hand holding the NEXTORCH P80 flashlight with its strobe function activated, illustrating the visual effect of the variable frequency strobe.

3. LED Battery Indicator

The LED indicators located near the switches provide real-time information on the battery level and charging status.

- **Remaining Power Display:** Indicates the current battery charge level.
- **Low Battery Alert:** Alerts when the battery is low and requires charging.
- **Charging Status Display:** Shows blue lights flashing during charging and solid blue when fully charged.



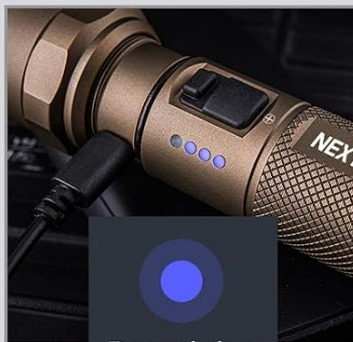
LED Battery Indicator

Easy to Check the Battery Level and
Charging Status

Remaining Power
Display

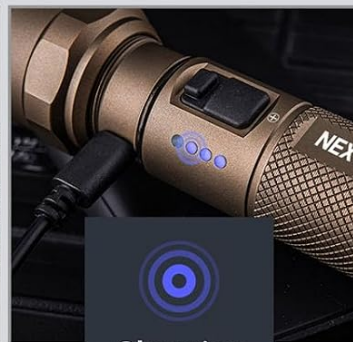
Low Battery
Alert

Charging Status
Display



Remaining
Battery

Blue Lights Change



Charging
Status

Blue Lights Flash



Fully
Charged

Blue Lights On

Image: A series of three images demonstrating the LED battery indicator states: remaining battery (blue lights change), charging status (blue lights flash), and fully charged (blue lights on).

4. Ceramic Bead Head (Emergency Use)

The flashlight features an ultra-high hardness ceramic bead head, designed for emergency situations such as breaking car window glass for rescue or tactical break-ins. The hardness of these beads is second only to diamond.

Caution: Use this feature responsibly and only in genuine emergency situations. Always wear appropriate hand protection when attempting to break glass.



Strike Bezel with High-hardness Nano-ceramic Beads

Effective Attack and Defense in Emergency



Image: A close-up of the NEXTORCH P80's strike bezel with high-hardness nano-ceramic beads, shown against a background of shattered glass, indicating its emergency defense capability.

MAINTENANCE

1. Cleaning

Wipe the flashlight with a clean, soft cloth. For stubborn dirt, use a slightly damp cloth. Avoid using abrasive cleaners or solvents that could damage the finish or internal components.

2. Water Resistance and Durability

The P80 is constructed from aerospace-grade aluminum alloy, providing robust durability. It is rated IPX7 waterproof (submersible up to 1 meter) and 2-meter impact-resistant. Ensure the bezel is fully threaded to protect the charging port and maintain water resistance.



Aerospace Aluminium Material

Solid and Waterproof

Made of aerospace-grade aluminium alloy; 2 m impact-resistant and 1 m waterproof (IPX7) for better use in harsh environments



Image: The NEXTORCH P80 flashlight with water droplets on its surface, highlighting its aerospace aluminum construction and waterproof (IPX7) capabilities.

3. Battery Care

To prolong battery life, avoid fully discharging the battery frequently. Recharge the flashlight regularly, especially if it has not been used for an extended period. Store the flashlight in a cool, dry place.

TROUBLESHOOTING

If you encounter issues with your NEXTORCH P80 flashlight, please refer to the following common solutions:

- **Flashlight not turning on:**
 - Ensure the battery is charged. Connect the flashlight to the Type-C charger and check the LED indicators.
 - Verify the battery is correctly installed.
 - Check for any loose connections or debris in the battery compartment or around the switches.
- **Light output is dim or flickering:**

- The battery may be low. Recharge the flashlight.
- Ensure the lens is clean and free from obstructions.
- Check for any damage to the LED or internal components.

• **Charging issues:**

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

If these steps do not resolve the issue, please contact NEXTORCH customer support for further assistance.

SPECIFICATIONS

Feature	Detail
Brand	NEXTORCH
Model	P80B
Light Source Type	LED
Brightness	Up to 1600 Lumens
Beam Distance	Up to 300 meters
Power Source	Battery Powered (Lithium Ion)
Battery Type	1 Lithium Ion battery (included)
Charging Port	Type-C Direct Charge
Material	Aerospace Aluminum Alloy
Finish Type	Anodized
Water Resistance	IPX7 (1 meter submersible)
Impact Resistance	2 meters
Product Dimensions	6.1"D x 1.38"W x 1.12"H
Item Weight	6.24 oz (without battery), 10.5 ounces (with battery)
Special Features	Portable, Rechargeable, Ceramic Bead Head, LED Battery Indicator

WARRANTY AND SUPPORT

NEXTORCH offers a ten-year warranty on all flashlights. This warranty covers manufacturing defects and material flaws under normal use.

For warranty claims, technical support, or any questions regarding your NEXTORCH P80 flashlight, please contact NEXTORCH customer service. Refer to the official NEXTORCH website or your purchase documentation for contact details.

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.

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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

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