Nitecore Nitecore-P10ix

NITECORE P10ix Ultra Compact Flashlight User Manual

Model: Nitecore-P10ix

1. PRODUCT OVERVIEW

The NITECORE P10ix is a high-performance, ultra-compact tactical flashlight designed for various applications, including self-defense, law enforcement, and general outdoor use. It features a powerful 4000 lumen output, a Type-C rechargeable battery, and Nitecore's innovative STROBE READY™ technology for instant access to strobe mode.

Image 1.1: The NITECORE P10ix flashlight shown with its included accessories, which typically comprise the flashlight unit, a high-capacity 5000mAh battery, NTH10 holster, clip, lanyard, spare O-ring, and a USB-C charging cable.

2. PACKAGE CONTENTS

- Nitecore P10ix Flashlight
- High 5000 Mili Amp Capacity Battery (Lithium Ion)
- NTH10 Holster
- Clip
- Lanyard
- Spare O-ring
- Magazine
- USB-C Charging Cable

3. SETUP AND BATTERY INSTALLATION

3.1 Battery Installation

The NITECORE P10ix requires one 21700 Lithium Ion battery (5000mAh included). Ensure the battery is inserted with the positive (+) terminal facing towards the head of the flashlight.

1. Unscrew the tail cap of the flashlight.
2. Insert the included 21700 Li-ion battery with the positive (+) end facing the head of the flashlight.
3. Screw the tail cap back on tightly to ensure proper contact and water resistance.

3.2 Charging

The P10ix features a built-in USB-C charging port for convenient recharging of the included battery. The charging port is located on the head of the flashlight, usually protected by a rubber cover.

1. Locate the USB-C charging port on the flashlight head.
2. Open the rubber cover to expose the port.
3. Connect the included USB-C charging cable to the flashlight and a USB power source (e.g., wall adapter, computer USB port).
4. The power indicator light will show charging status. It typically glows steadily when charging and turns off or changes color when fully charged.
5. Once charging is complete, disconnect the cable and securely close the rubber cover to maintain water resistance.

4. OPERATING INSTRUCTIONS

The NITECORE P10ix utilizes a dual tail switch design for intuitive operation.

Image 4.1: Close-up view of the P10ix's ultimate dual tail switch design, highlighting the Tactical Tail Switch for momentary-on/constant-on and the STROBE READY™ Mode Button for output adjustment and instant access to STROBE/TURBO modes.

4.1 Basic Operation

- **Power On/Off:**

  - To turn on the flashlight, fully press the Tactical Tail Switch until a click is heard.
  - To turn off the flashlight, fully press the Tactical Tail Switch again until a click is heard.

- **Momentary On:** When the flashlight is off, half-press and hold the Tactical Tail Switch for momentary illumination. Release to turn off.

4.2 Brightness Levels and Modes

The P10ix offers multiple brightness levels and special modes, including a powerful 4000 lumen Turbo mode and a tactical Strobe mode.

Image 4.2: The NITECORE P10ix demonstrating its 4000 lumens instant dazzle strike capability, ideal for self-defense and law enforcement applications.

- **Changing Brightness Levels:** When the flashlight is on, short press the STROBE READY™ Mode Button to cycle through available brightness levels (e.g., Ultra-low, Low, Mid, High).

- **Instant Turbo:** When the flashlight is off, half-press or full-press the STROBE READY™ Mode Button to directly access TURBO mode (4000 Lumens).

- **Instant Strobe:** When the flashlight is off or on, press and hold the STROBE READY™ Mode Button to activate Strobe mode. Release to exit. The P10ix features a randomly changing strobe frequency for enhanced disorienting effect.

Image 4.3: Visual representation of the NITECORE P10ix's randomly changing strobe mode, designed to cause stronger dizzying effects due to the unpredictability of the light pattern.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your NITECORE P10ix flashlight.

- **Cleaning:** Regularly clean the threads and O-rings with a clean cloth. Apply a thin layer of silicone grease to the threads and O-rings periodically to prevent wear and maintain water resistance.
- **Battery Care:**
  - Remove the battery if the flashlight is not going to be used for an extended period to prevent battery leakage.
  - Store batteries in a cool, dry place.
  - Recharge the battery fully before long-term storage.
- **O-ring Replacement:** If the O-ring is damaged or worn, replace it with the included spare O-ring to maintain the flashlight's waterproof rating.

6. TROUBLESHOOTING

If you encounter issues with your NITECORE P10ix, please refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Flashlight does not turn on.	Battery is depleted or incorrectly inserted. Loose tail cap.	Recharge or replace battery. Ensure battery is inserted with positive (+) end towards the head. Tighten tail cap securely.
Light output is dim or flickers.	Low battery power. Dirty contacts.	Recharge battery. Clean battery contacts and flashlight threads with a clean cloth.
Cannot access certain modes.	Incorrect button press sequence.	Refer to Section 4.2 for correct operation of brightness levels and special modes.
Charging indicator not working.	Charging cable or power source issue. Battery already full.	Try a different USB-C cable or power source. Check if the battery is already fully charged.

If the issue persists after trying these steps, please contact Nitecore customer support.

7. SPECIFICATIONS

Detailed specifications for the NITECORE P10ix flashlight:
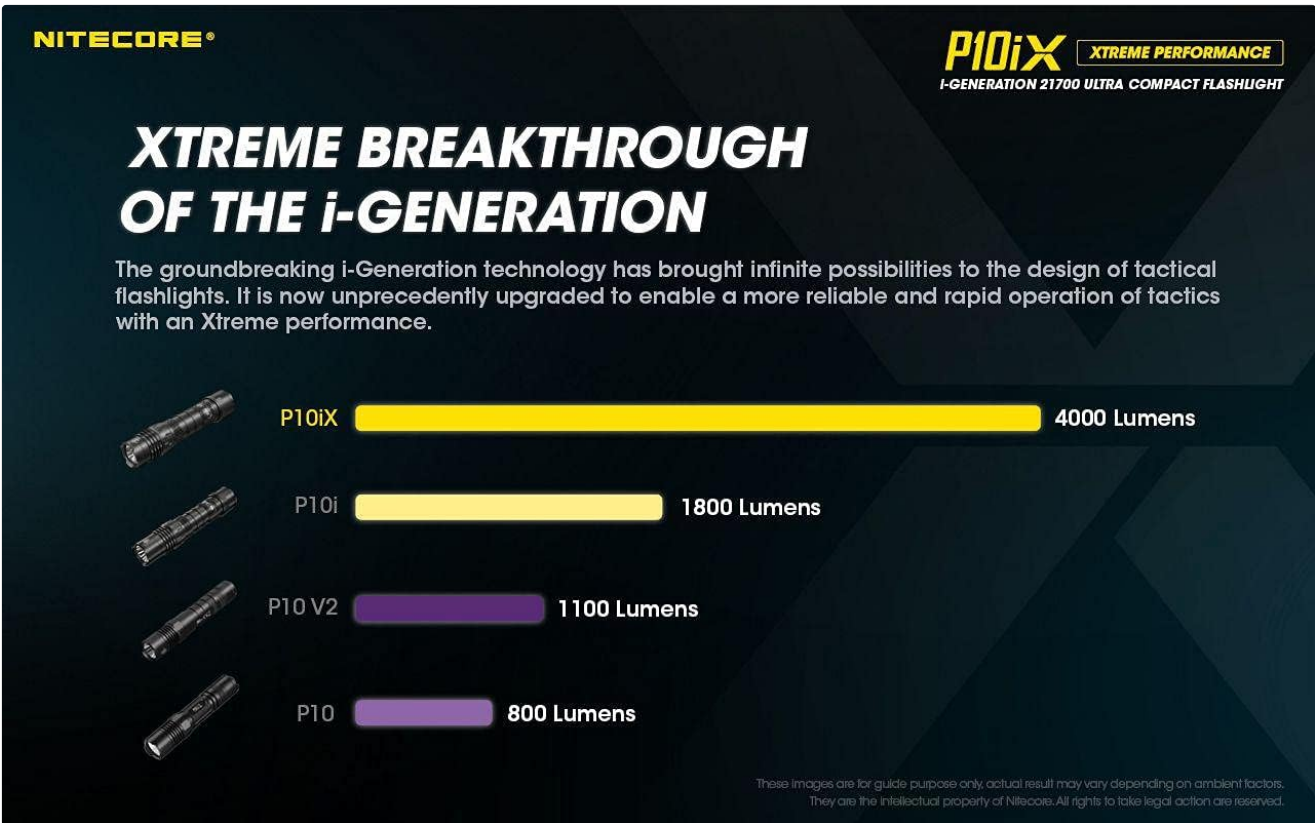

Image 7.1: Illustration highlighting the P10ix's invincible quad-core performance, utilizing 4 x CREE XP-L2 V6 LEDs for a maximum output of 4,000 lumens and a beam throw of 158 meters.

- **Max Output:** 4000 Lumens
- **Max Beam Distance:** 158m
- **Max Beam Intensity:** 6250 cd

- **Max Runtime:** 38 hours 0 minutes (1.58 days)
- **LED:** 4x CREE XP-L2 V6
- **Battery:** 1 x 21700 Li-ion (5000mAh included)
- **Special Modes:** Strobe
- **Length:** 137.2 mm / 5.40 in
- **Head Size:** 25.4 mm / 1.00 in
- **Weight:** 79.5 g / 2.80 oz (without battery)
- **Material:** Aluminum
- **Water Resistance Level:** Waterproof (IP68 rated, 2m submersible)
- **Impact Resistance:** 1 meter
- **Charging Port:** USB-C

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The NITECORE P10ix comes with a Limited Warranty. Please refer to the warranty card included in your package or visit the official Nitecore website for detailed warranty terms and conditions.
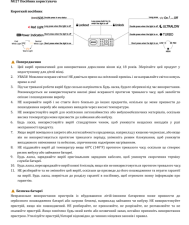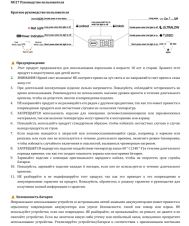
8.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Nitecore customer support through their official website or authorized distributors. Keep your purchase receipt as proof of purchase for warranty services.

You can visit the official Nitecore store for more information: Nitecore Official Store

Related Documents - Nitecore-P10ix

[NITECORE P10iX: Ultra Compact Tactical & Everyday Flashlight Guide](#)
Explore the features, specifications, and operation of the NITECORE P10iX, a powerful 4000-lumen USB-C rechargeable flashlight with tactical and daily modes. Learn about battery options, charging, and maintenance.

[Nitecore EDC17 User Manual: Features, Specifications, and Operation](#)
Comprehensive user manual for the Nitecore EDC17 flashlight, detailing its features, specifications, operation, charging, and maintenance. Includes information on white light, UV light, and green laser modes.

[NITECORE TINI3 LED Flashlight User Manual](#)
User manual for the NITECORE TINI3 compact LED flashlight, detailing its features, specifications, operation modes (including brightness levels, color temperatures, and lockout functions), charging instructions, advanced temperature regulation, power indication, and warranty service. Includes safety warnings and disposal information.

[Nitecore NU27 MCT: Посібник користувача, характеристики та інструкції](#)
Детальний посібник користувача для ліхтаря Nitecore NU27 MCT. Дізнайтеся про функції, технічні характеристики, безпеку та інструкції з експлуатації.

[NITECORE P20iX Tactical Flashlight - 4000 Lumens, USB-C Rechargeable](#)
User manual for the NITECORE P20iX tactical flashlight, detailing its features, specifications, operating instructions, and maintenance. Discover its 4000-lumen output, USB-C charging, STROBE READY technology, and dual user modes.

[Nitecore NU27 Headlamp User Manual: Features, Specifications, and Operation Guide](#)
Comprehensive user manual for the Nitecore NU27 headlamp. Learn about its features, technical specifications, charging, and detailed operation instructions for all modes, including brightness levels, red light, and special functions.