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NEXTORCH TA30C MAX

NEXTORCH TA30C MAX Tactical Flashlight User Manual

Model: TA30C MAX

Brand: NEXTORCH

INTRODUCTION

The NEXTORCH TA30C MAX is a high-performance tactical flashlight designed for various applications, including tactical and commuting purposes. It delivers powerful illumination and features a robust, compact design. This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your TA30C MAX flashlight.



Figure 1: NEXTORCH TA30C MAX Tactical Flashlight

This image displays the NEXTORCH TA30C MAX tactical flashlight, showcasing its sleek black aluminum body, textured grip, and the prominent NEXTORCH TA30C MAX branding. A sturdy pocket clip is visible, and the front bezel indicates "HOT" for caution.

1. Battery Installation and Charging

The TA30C MAX requires one 21700 Lithium Ion battery, which is included. Before first use, ensure the battery is fully charged.

- Unscrew the tail cap of the flashlight.
- Insert the included 21700 Lithium Ion battery with the positive (+) end facing towards the head of the flashlight.
- Securely screw the tail cap back on.
- Connect the provided Type-C charging cable to the charging port on the battery (if the battery has an integrated port) or use an external 21700 battery charger.
- The LED battery indicator on the tail cap will illuminate for 2 seconds when the battery is installed or the flashlight is turned off, displaying the current power level.

LED Battery Indicator

Keep Track Of The Power Situation

When turning off the flashlight/installing the battery, the aperture on the tail cover will light up for 2 seconds to display the real-time power.



Figure 2: LED Battery Indicator

This image shows a hand holding the TA30C MAX flashlight, with a clear view of the tail cap. The blue light of the LED battery indicator is visible, signifying the power status. This feature helps users monitor the battery level.

OPERATING INSTRUCTIONS

1. Power On/Off and Mode Selection

The TA30C MAX features a unique dual-function tactical switch and a rotational dial magnetic switch for versatile operation.

Dual-Function Tactical Switch (Tail Cap)

- **Momentary-On:** Lightly tab the tactical switch for momentary illumination. Release to turn off.
- **Strobe Mode:** Heavily press the tactical switch for instant strobe light suppression. Release to return to the previous working condition.



Figure 3: Metal Dual-Function Tactical Switch

This image illustrates the two-stage pressing operation of the metal dual-function tactical switch. It shows a light press for momentary-on and a heavy press for instant strobe, with an icon indicating release to return to the original state.

Rotational Dial Magnetic Switch (Head)

Rotate the dial anticlockwise to cycle through the constant light modes:

- **Low Brightness:** 70 lumens (60m beam distance, 35 hours run time)
- **Medium Brightness:** 520 lumens (160m beam distance, 5 hours run time)
- **High Brightness:** 3000 lumens (390m beam distance, 2 hours 45 minutes run time)
- **Strobe:** 3000 lumens (variable frequency)

Rotational Dial Magnetic Switch

More reliable work in complex environments, better operating feel and longer service life than ordinary mechanical switches.



Rotate Anticlockwise for Modes Switching



Low

—



Middle

—



High

—



Strobe

Clear and easy to operate.

Figure 4: Rotational Dial Magnetic Switch

This image depicts the rotational dial magnetic switch located near the head of the flashlight. Arrows indicate anticlockwise rotation for switching between Low, Middle, High, and Strobe modes, highlighting its clear and easy operation.

2. Special Features

Nano-Ceramic Strike Bezel

The flashlight is equipped with an ultra-high hardness ceramic bead attack head, ranked only after diamond in hardness. This feature allows for efficient window breaking in rescue situations or for self-defense.

Nano-ceramic Strike Bezel

Window Breaker & Defense

Ranked only after diamond in hardness, nano-ceramic strike bezel can break windows efficiently for rescue and self-defense.

Grey Titanium Strike Bezel

High hardness, Impact resistance, Corrosion resistant
Reduced reflections for safer concealment.

Figure 5: Nano-ceramic Strike Bezel

This image visually represents the effectiveness of the nano-ceramic strike bezel, showing the flashlight's head impacting and shattering a glass surface, demonstrating its window-breaking capability.

U-Shaped Tail Design & Detachable Clip

The upgraded U-shaped tail design helps prevent accidental triggering of the switch and allows for inverted lighting. The detachable clip provides portable carry options and hands-free operation.

U-Shaped Tail Design

Prevent False Triggering & Inverted Lighting

The upgraded U-shaped tail design can provide better operating feel and prevent triggering the switch mistakenly from impact and rub. It is convenient to invert the flashlight for more flexible uses.



Figure 6: U-Shaped Tail Design and Detachable Clip

This image highlights the U-shaped tail design of the flashlight, which helps prevent false triggering. It also showcases the detachable clip, emphasizing its utility for portable carry and hands-free use.

MAINTENANCE

- **Cleaning:** Regularly clean the flashlight body with a soft, damp cloth. For the lens, use a lens cleaning cloth to avoid scratches.
- **Lubrication:** Apply a thin layer of silicone grease to the O-rings periodically to maintain waterproof sealing.
- **Battery Care:** If the flashlight will not be used for an extended period, remove the battery to prevent leakage. Store the battery in a cool, dry place.
- **Waterproof Integrity:** Ensure the tail cap and head are securely tightened to maintain the IPX8 waterproof rating.

Waterproof & Impact Resistant Reliable & Durable

IPX8 (2 m) submersible, 2 meter impact resistant. Strong and stable enough to handle the fickle tactical environments

IPX8



Figure 7: Waterproof and Impact Resistant

This image shows the TA30C MAX flashlight being exposed to water, with droplets splashing off its surface, illustrating its IPX8 waterproof rating and robust construction designed to withstand challenging environments.

TROUBLESHOOTING







Problem	Possible Cause	Solution
Flashlight does not turn on.	Low or dead battery; improperly installed battery; loose connections.	Charge or replace battery. Ensure battery is inserted with correct polarity. Tighten tail cap and head securely.
Light output is dim or flickers.	Low battery; dirty contacts; loose connections.	Charge battery. Clean battery contacts and flashlight contacts with a clean cloth. Tighten all parts.

Problem	Possible Cause	Solution
Cannot switch modes.	Rotational dial is stuck or dirty.	Clean the rotational dial area. Ensure no debris is obstructing its movement.
Water ingress.	Loose O-rings; damaged O-rings; tail cap/head not tightened.	Ensure O-rings are properly seated and lubricated. Tighten tail cap and head completely. Replace damaged O-rings if necessary.

SPECIFICATIONS

Feature	Detail
Model	TA30C MAX
Light Source	CREE XHP50D-HI LED
Max Output	3000 Lumens
Max Beam Distance	390 meters
Run Time (High)	2 hours 45 minutes
Run Time (Medium)	5 hours
Run Time (Low)	35 hours
Impact Resistance	2 meters
Water Resistance	IPX8 (2 meters submersible)
Material	Aircraft Grade Aluminum Alloy (Hard Anodized)
Battery Type	1 x 21700 Lithium Ion (included)
Dimensions (L x Head Dia. x Barrel Dia.)	6.02" x 1.50" x 1.10" (153 mm x 38 mm x 28 mm)
Weight (without battery)	5.39 oz (153 g)
Special Features	Adjustable Light Modes, Durable, Impact Resistant, Rechargeable, Weatherproof, Ceramic Bead Window Breaker

TA30C MAX

ANSI / PLATO-FL1	Momentary on	Tactical Strobe	High	Medium	Low	Strobe
 Light Output	3000 lm	3000 lm	3000 lm	520 lm	70 lm	3000 lm
 Run Time	—	—	2 h 45 min	5 h	35 h	—
 Beam Distance	—	—	390 m	160 m	60 m	—
 Beam Intensity	—	—	38025 cd	6400 cd	900 cd	—
 Impact Resistance	2 m					
 Submersible	IPX8, 2 m					
Weight and Dimensions	Weight: 153 g / 5.39 oz (Without Battery)					
	Size: 153 mm (Length) × 38 mm (Head) × 28 mm (Diameter)					
Material	Light Source: CREE XHP50D-HI LED					
	Aluminum Alloy					
Battery	One 21700					
Power	30w					

Above tested specifications are strictly based on the standard of ANSI / PLATO-FL1. We tested TA30C MAX with one 21700 (5000 mAh) battery in 22°C ± 3°C. The specifications might vary with different battery or conditions.

Figure 8: TA30C MAX Performance Specifications





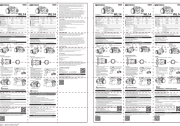

This image presents a detailed table of the TA30C MAX's performance specifications, including light output, run time, beam distance, beam intensity, impact resistance, submergibility, weight, dimensions, material, battery type, and power, all based on ANSI/PLATO-FL1 standards.

WARRANTY AND SUPPORT

NEXTORCH offers a comprehensive warranty for the TA30C MAX tactical flashlight.

- **Warranty Period:** A five-year warranty is provided on all NEXTORCH flashlights.
- **Customer Support:** For any questions or issues regarding your product, please contact the NEXTORCH professional support team. Refer to the product packaging or the official NEXTORCH website for specific contact details.

Related Documents - TA30C MAX

	<p>NEXTORCH TA30 MAX Tactical Flashlight - High Performance LED Torch</p> <p>Explore the NEXTORCH TA30 MAX, a powerful 2100-lumen tactical flashlight featuring a CERR XHP50.2 LED, magnetic selector, one-step strobe, and durable construction. Includes specifications, quick start guide, maintenance, and warranty information.</p>
	<p>NEXTORCH ND30B Flashlight User Manual and Specifications</p> <p>Comprehensive guide to the NEXTORCH ND30B flashlight, detailing its specifications, quick start instructions, operational modes, battery indicator, maintenance tips, and warranty information.</p>
	<p>NEXTORCH P84 3000 Lumens Rechargeable LED Flashlight User Manual</p> <p>Detailed user manual for the NEXTORCH P84 flashlight, covering features, specifications, operation, maintenance, and warranty. This high-performance LED torch offers 3000 lumens and USB-C charging.</p>
	<p>NEXTORCH P8 LED Flashlight - High-Performance, Rechargeable Torch</p> <p>Discover the NEXTORCH P8, a powerful and durable LED flashlight featuring an OSRAM P9 LED, 1300 lumens max output, Type-C charging, and a 5-year warranty. Ideal for outdoor, tactical, and everyday use. Specifications include IPX7 waterproof rating, 2m impact resistance, and a lightweight aluminum body.</p>
	<p>NEXTORCH WL14 Tactical Weapon Light - Rechargeable, Compact, 500 Lumens</p> <p>Comprehensive user manual for the NEXTORCH WL14 tactical weapon light. Details specifications, features, charging, mode switching, rail mounting, maintenance, and warranty. Includes 500 lumens output, USB-C charging, and compatibility with MIL-STD-1913 and Glock rails.</p>
 <div><p>成品尺寸: 80mm×40mm 展开尺寸: 200mm×40mm 轴间距: 尺寸±1mm 可拆卸: 80度及90度图中所示 颜色: 黑 虚线折痕</p></div>	<p>NEXTORCH UT11 LED Flashlight: Specifications, Quick Start Guide, and Warranty</p> <p>Detailed information on the NEXTORCH UT11 LED flashlight, including specifications, operating instructions, battery indicator guide, and warranty details. Learn about its performance and features.</p>