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NITECORE TM9K LTP Rechargeable Flashlight Instruction Manual

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Contents

NITECORE®

NITECORE TM9K LTP Rechargeable Flashlight

Features

- Utilizes 9 x CREE XP-L2 HD LEDs with a max output of 9,800 lumens
- Max peak beam intensity of 19,800cd and max throw of 280 meters
- An optical system combined with crystal coating and "Precision Digital Optics Technology" (PDOT)
- A lightweight and rigid CNC machined unibody design provides superior heat dissipation capability
- Built-in low temperature resistant rechargeable 21700 Li-ion battery (4,200mAh)
- Intelligent Li-ion battery charging circuit with a USB-C port
- A highly efficient constant current circuit provides a stable output for up to 58 hours
- Dual tail switches enable intuitive operations for tactical applications
- TurboReady™ Technology (9,800 Lumens)
- The power indicator beside the dual switches indicates the remaining battery power
- The power indicator can display the battery voltage (±0.1V)
- Tactical Ring design for multiple tactical applications
- Optical lenses with double-sided scratch-resistant coating
- Constructed from aero-grade aluminum alloy
- HA III military grade hard-anodized finish
- Waterproof and dustproof rating in accordance with IP68 (2 meters submersible)
- Impact resistant to 1 meter

Specifications

- **Length:** 125mm (4.92")

- **Head Diameter:** 40mm (1.57")
- **Tube Diameter:** 26mm (1.02")
- **Tail Diameter:** 28mm (1.1")
- **Weight:** 218.5g (7.71oz)

Accessories
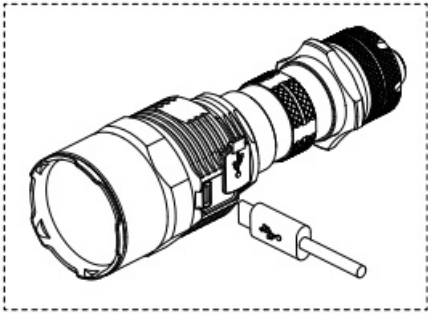
- The clip, Lanyard, USB-C Charging Cable, and Holster.

Technical Data

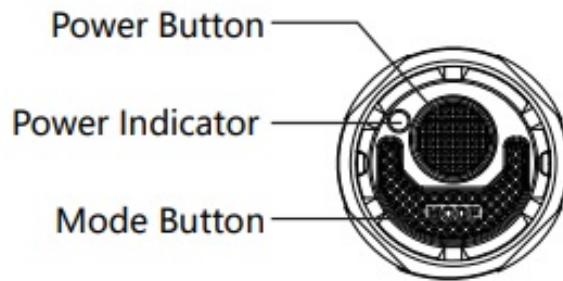|	TURBO	HIGH	MID	LOW	ULTRALOW	STROBE
Brightness	9,800 Lumens	2,000 Lumens	500 Lumens	130 Lumens	30 Lumens	9,800 Lumens
Runtime	—	2h 30min	3h 15min	13h	58h	—
Beam Distance	280m	118m	59m	30m	15m	—
Peak Beam Intensity	19,800 cd	3,500 cd	890 cd	220 cd	56 cd	—
Impact Resistance	1m					
Water Resistance	IP68, 2m (Waterproof and Submersible)					

Note: The stated data is measured using the built-in battery (1 x 4,200mAh 21700 low-temperature resistant Li-ion battery) at room temperature. The data may vary in real-world use due to different battery usage or environmental conditions.

- The Li-ion battery cannot work with full power in extremely cold environments. It is not recommended to activate TURBO in this case.

Charging Function

Operating Instructions

Power Button

Power Indicator

Mode Button

Charging Function

- The TM9K LTP is equipped with an intelligent charging function.
- Please recharge the product before the first use.
- The TM9K LTP is available for both Standard Mode and QC Mode. As illustrated, uncap the charging port and connect it to a USB adapter (available as an optional accessory) via the USB charging cable.
- When charged via a QC adapter, the TM9K LTP will automatically access the QC Mode and the blue power indicator will flash quickly to inform the user. When using the Standard Mode, the indicator will flash slowly to inform the user.
- When the product is fully charged, it will automatically cease the charging process and the indicator will become steadily turned on to inform the user.
- When the light is on, connecting to a power source will automatically turn the light off. The light will return to its previous status when it is disconnected from the power source.
- The charging time in QC Mode is approx. 2h 45min. The charging time in Standard Mode is approx. 4h (5V/2 AM Adapter).
- The TM9K LTP will be automatically unlocked when charged in the Lockout Mode.
- The standby time is approx. 12 months after the flashlight is fully charged.

Operating Instructions

Tactical Momentary Illumination

- Half-press and hold the Power Button to turn on the light momentarily. Release to turn it off.

On / Off

- **On:** When the light is off, press the Power Button until a click sound is heard to turn it on.
- **Off:** When the light is on, press the Power Button until a click sound is heard to turn it off. (The TM9K LTP has mode memory. When reactivated, the flashlight will automatically access the previous memorized brightness level or STROBE Mode.)

Brightness Levels

- When the light is on, short press the Mode Button to cycle through "ULTRALOW – LOW – MID – HIGH".

TurboReady™

- When the light is on/off, press and hold the Mode Button to directly access TURBO of 9,800 lumens. Release to return to the previous status.

STROBE Mode

- When the light is on/off, double press the Mode Button to access the STROBE Mode.
- When the STROBE Mode is on, either short press the Mode Button or click the Power Button to exit the STROBE Mode.

Lockout / Unlock

Lockout: When the light is on, click the Power Button while holding the Mode Button and release both buttons to access
Lockout Mode. The flashlight will flash once before turning off to indicate this process. After that, the power indicator will flash to show the battery voltage. (Please refer to the "Power Indication" section of this manual for more details.)
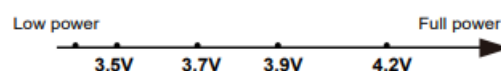**Unlock:** In Lockout Mode, triple press the Mode Button to exit Lockout Mode. The flashlight will flash once to indicate this process.

Thermal Protection Function

The TM9K LTP has Thermal Protection Function. It will automatically lower its output to avoid overheating when accessing the TURBO or HIGH Level for a prolonged time.

Power Indication

When the light is on, click the Power Button while holding the Mode Button and release both buttons to access Lockout Mode. The flashlight will flash once before turning off to indicate this process. After that, the power indicator will flash to show the battery voltage (±0.1V). For example, when the battery voltage is at 4.2V, the power indicator will flash 4 times followed by a 1.5-second pause and 2 more flashes. Different voltages represent the corresponding remaining battery power levels:

- When the light is on, the power indicator will indicate the remaining battery power.

1. Being steadily turned on indicates that the power is above 50%.
2. Flashing slowly indicates that the power is below 50%.
3. Flashing quickly indicates that the power is below 10%.

Cautions

1. DO NOT cover the head of the flashlight or put it close to other objects when turned on to avoid accidents.
2. DO NOT submerge the flashlight into any liquid when it is hot. Doing so may cause irreparable damage to the light due to the difference of air pressure inside and outside of the tube.
3. When the flashlight is kept in the backpack or the holster, please activate the Lockout Mode.
4. **CAUTION:** Possible dangerous radiation! Don't look into the light! Maybe dangerous for your eyes.

5. Please recharge the product with the original charging cable and a 5V/2A adapter or a QC adapter.

6. Please recharge the product before the first use.

7. Please recharge the product every 6 months when left unused for a long time.

8. The battery is built-in and nonreplaceable.

Warranty Service

All NITECORE® products are warranted for quality. Any DOA / defective product can be exchanged for a replacement through a local distributor/dealer within 15 days of purchase. After that, all] defective/malfunctioning NITECORE® products can be repaired free of charge within 24 months from the date of purchase. Beyond 24 months, a limited warranty applies, covering the cost] of labor and maintenance, but not the cost of accessories or replacement parts. The warranty will be nullified if:

1. the product(s) is/are broken down, reconstructed and/or modified by unauthorized parties;

2. the product(s) is/are damaged due to improper use. For the latest information on NITECORE® products and services, please contact a local NITECORE® distributor or send an email to **service@nitecore.com**

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Documents / Resources

NITECORE TM9K LTP Rechargeable Flashlight [pdf] Instruction Manual
TM9K LTP Rechargeable Flashlight, TM9K LTP, Rechargeable Flashlight

References

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