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NITECORE TINI2 Dual-Core Intelligent Keychain Light User Manual

TINI2
Dual-Core Intelligent Keychain Light

- Multifunctional OLED Real-Time Display
- USB-C Charging
- Advanced Power Cut-Off (APC) Technology

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Q&A

Q: Why does my TINI2 shut down in 30 seconds?
A: TINI2 has 2 user modes, DEMO Mode and DAILY Mode. The default setting is DEMO Mode where the product will automatically shut down if there is no operation in 30 seconds. It is recommended to switch it to DAILY Mode when in daily use. Please follow the steps below for mode switching:

1. When the light is on/off, long press both the Power Button and the Mode Button simultaneously to switch between DEMO and DAILY Mode.

2. The LED will flash to indicate the current user mode: 1 flash to indicate DEMO Mode and 2 flashes to indicate DAILY Mode.

Features

- Utilizes 2 x OSRAM P8 LEDs with a max output of 500 lumens
- Max peak beam intensity of 2,000cd and max throw of 89 meters
- Utilizes a total reflective optic lens for uniform and soft light
- Multifunctional OLED real-time display for lumens, battery voltage, runtime, etc.
- Built-in 280mAh Li-ion battery
- Advanced Power Cut-Off (APC) technology for an ultra-low standby power consumption
- Built-in Li-ion battery charging circuit with a USB-C port
- Highly efficient constant current circuit provides stable output up to 60 hours
- 2 user modes are available (DEMO Mode and DAILY Mode)
- Dual side switch design
- 5 brightness levels available with direct access to TURBO
- Intelligent mode memory function
- 2 lockout modes are available (Half Lockout Mode and Full Lockout Mode)
- Incorporated Advanced Temperature Regulation (ATR) module (Patent ZL201510534543.6)
- Metal ring pullable to withstand up to 30 kilograms of weight

- HA III hard-anodized finish
- Impact-resistant to 1 meter

Specifications

Size: 46.6mm×25mm×12.5mm (1.83" ×0.98" ×0.49")
Weight: 18.8g (0.66oz)

Accessory

Key Clasp

Technical Data

FL1 STANDARD	TURBO	HIGH	MID	LOW	ULTRALOW
☼	500 Lumens	200 Lumens	65 Lumens	15 Lumens	1 Lumen
🕐	*15min	45min	2h 30min	8h	60h
◢	89m	56m	32m	14m	6m
◎	2,000cd	800cd	260cd	55cd	9cd
✓	1m (Impact Resistance)				
⬇	IP54				

Note: The stated data is measured in accordance with the international flashlight testing standards ANSI/PLATO FL 1-2019, using the built-in Li-ion battery (280mAh) under laboratory conditions. The data may vary in real-world use due to different battery usage or environmental conditions.
* The runtime of TURBO is tested without temperature regulation.

Operating Instructions

OLED Display
Mode Button
Power Button

(English) TINI2
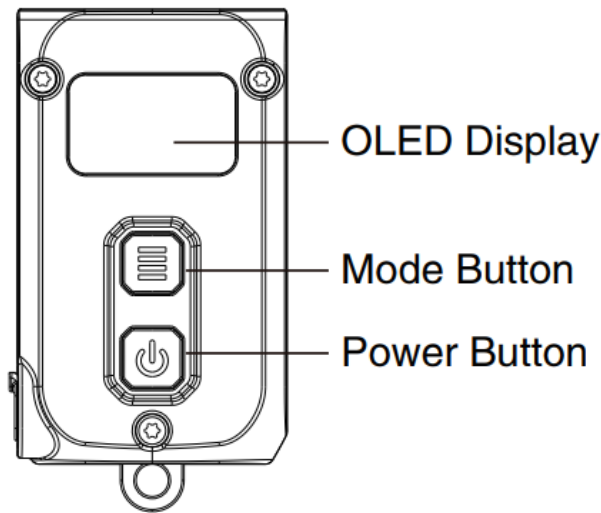
Operating Instructions
Multifunctional OLED Display
TINI2 is equipped with a multifunctional OLED display. (Please remove the screen protector before the first use.)
When the light is turned on, the screen will successively show the current info (Brightness Level & Lumens, Runtime Remaining, User Mode) before it goes out. After the screen goes out, short pressing the Mode Button can reactivate the screen.

Display Demonstration Function

- This function is used for demonstration ONLY. It does not reflect the actual light status.
- When the light is off, press and hold the power button even after the light accesses ULTRALOW until the light is turned off to enter the display demonstration.
- In this status, the screen will cycle through various informational displays.

  Short press either button to exit this status.

On / Off
On: When the light is off, short press the Power Button to turn it on.
Off: When the light is on, short press the Power Button to turn it off.

User Modes
TINI2 has 2 user modes, DEMO Mode and DAILY Mode.
DEMO Mode: The light will automatically shut down if there is no operation in 30 seconds (reactivating the screen excluded). The countdown will be displayed on the screen.
DAILY Mode: The light will not automatically shut down and will need to be shut down manually.
Note: The default setting is DEMO Mode. It is recommended to switch it to DAILY Mode when in daily use.

Mode Switching
When the light is on/off, long press both the Power Button and the Mode Button simultaneously to switch between DEMO and DAILY Mode.
The LED will flash to indicate the current user mode: 1 flash to indicate DEMO Mode and 2 flashes to indicate DAILY Mode.
(In this process, the screen will show "DEMO" or "DAILY" to indicate the current user mode.)
Note: Reactivating the light within 3 seconds after it automatically shuts down in DEMO mode will temporarily access DAILY Mode until it is turned off.

Brightness Levels
When the light and the screen are on, short press the Mode Button to cycle through "ULTRALOW – LOW – MID – HIGH". The flashlight will directly access the previously memorized brightness level when reactivated.
Note: When the screen is off, short press the Mode Button to activate the screen before adjusting the brightness level.
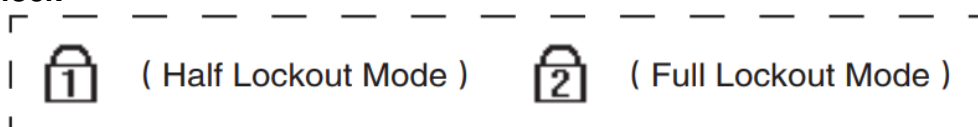
Direct Access to ULTRALOW
When the light is off, long-press the Power Button to directly access ULTRALOW.

Direct Access to TURBO
When the light is on/off, press and hold the Mode Button to access TURBO.
Release to return to the previous status.

Lockout / Unlock

🔒1 (Half Lockout Mode)   🔒2 (Full Lockout Mode)

TINI2 has two lockout modes (Half Lockout Mode and Full Lockout Mode).

Half Lockout Mode (Lockout 1):

- When the light is on, press and hold the Power Button until the screen shows the Lockout 1 icon to access Half Lockout Mode.
- When in Half Lockout Mode, the Power Button is unavailable to activate the flashlight. Holding the Mode Button is still available for accessing TURBO.

Full Lockout Mode (Lockout 2):

- When the light is on, press and hold the Power Button even after accessing Half Lockout Mode until the screen shows the Lockout 2 icon to access Full Lockout Mode.
- When in Full Lockout Mode, both buttons are unavailable to activate the flashlight.

Unlock:

- In either Lockout Mode, short press and then long-press the Power Button, during which the screen will show an unlock icon and a progress bar until the flashlight is activated to exit Lockout Mode. The light will access the previous memorized level.
- The light will be automatically unlocked when being recharged in either Lockout Mode.

ATR (Advanced Temperature Regulation)
The integrated ATR technology regulates the output of the TINI2 according to the working condition and ambient environment to maintain optimal performance.

Power Indication
When the light is off, short press the Mode Button to display the battery level, the battery voltage, the memorized brightness level and the current user mode before it goes out. Different voltages represent the corresponding remaining battery power levels:

Low power ———— 3.5V ———— 3.7V ———— 3.9V 4.2V → Full power

Note: When the battery voltage is below 3.4V, the power indicator beneath both buttons will flash blue every 2 seconds to inform the user to recharge the battery as soon as possible.

Charging Function

TINI2 is equipped with an intelligent charging system. Please charge the battery before the first use.
Connecting to the External Power: As illustrated, use the USB cable to connect an external power supply (e.g. a USB adapter, a computer or other USB charging devices) to the USB port to begin the charging process. The charging time is approx. 1 hour 45 minutes.
Charging Indicator: When the charging status is normal, the charging indicator will flash slowly to inform the user and the screen will show the current battery level. When the battery is fully charged, the charging indicator will become steadily turned on to inform the user and the screen will display a full battery level.

Cautions

1. The TURBO Brightness Level of 500 lumens will produce massive heat rapidly during long-time activation. Use

caution when operating the light in TURBO mode to avoid overheating and step down to a lower level if the light becomes too hot to

2. CAUTION! Possible dangerous radiation! Don't look into the light! It Maybe dangerous for your

3. Please recharge the product every 3 months when left unused for a prolonged

4. The product contains a small assembly Please keep it away from children to avoid the danger of choking or suffocation.

5. When the flashlight is kept in the backpack, please activate the Lockout Mode to prevent accidental

6. DO NOT disassemble, modify or reconstruct the product, otherwise, the warranty will be nullified, and the product might be

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

2. the product(s) is/are damaged due to improper

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 TINI2 Dual-Core Intelligent Keychain Light [pdf] User Manual
TINI2, Dual-Core Intelligent Keychain Light, TINI2 Dual-Core Intelligent Keychain Light, Intelligent Keychain Light, Keychain Light, Light

NITECORE TINI2 Dual Core Intelligent Keychain Light [pdf] Instruction Manual
TINI2, TINI2 SS, TINI2 Ti, TINI2 Dual Core Intelligent Keychain Light, TINI2, Dual Core Intelligent Keychain Light, Keychain Light, Light

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References

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