

NITECORE
MT2C Pro High Output
Compact Tactical
Flashlight



NITECORE MT2C Pro High Output Compact Tactical Flashlight User Manual

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NITECORE MT2C Pro High Output Compact Tactical Flashlight



IMPORTANT

- Thanks for purchasing NITECORE!
- Please read this manual carefully before using the product and follow the instructions.
- This manual contains important safety information and operating instructions. Please keep it for future reference.
- In case of updates, please refer to the latest version available on the official website.

Warning

1. This product is intended for use by adults aged 18 and over. Please keep this product out of the reach of children.
2. CAUTION! Possible dangerous radiation! DO NOT stare directly into the light beam or shine the light directly into the eyes of anyone!
3. The product will generate massive heat during prolonged operation. Please exercise caution during use. It is recommended not to use high brightness levels for extended periods to prevent burns and product damage.
4. DO NOT cover or place objects near the head of the product, as this may cause damage to the product or accidents due to high temperatures.
5. DO NOT use the product to illuminate flammable or explosive materials, as the high heat may lead to combustion or explosion.
6. Please use the product in a standard handheld manner to avoid accidents in the event of product failure.
7. DO NOT submerge the product 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.
8. When the product is placed in an enclosed or flammable environment such as a pocket or backpack, or when it is left unused for an extended period, please loosen the head to avoid accidental activation and dangers caused by excessive heat. Alternatively, remove the battery to prevent damage from battery leakage.
9. DO NOT expose the product to temperatures above 60°C (140°F) for prolonged time, as this poses a risk of battery explosion or combustion.
10. Please recharge the product with the original charging cable to avoid shortening the lifespan of the battery.
11. Please recharge the product every 6 months when left unused for a prolonged time.

12. DO NOT disassemble or modify this product as doing so will cause damage to it and render the product warranty invalid. Please refer to the warranty section in the manual for complete warranty information.

Battery Safety

Improper use of the battery may result in severe battery damage or safety hazards such as combustion or explosion. DO NOT use the battery if its wrapper is damaged or if its discharge current does not match your product. DO NOT disassemble, puncture, cut, crush, incinerate or short-circuit the battery. DO NOT mix the batteries of different brands or types. If any leakage, abnormal odor, or deformation is noticed, stop using the battery immediately and dispose of it properly. Dispose of the device/batteries in accordance with applicable local laws and regulations

Features

- Utilizes a UHi 20 LED with a max output of 1,800 lumens
- Max peak beam intensity of 67,000cd and max throw of 520 meters
- An optical system combined with crystal coating and “Precision Digital Optics Technology” (PDOT)
- A single tail switch controls 2 brightness levels
- Powered by an 18650 high capacity Li-ion battery while compatible with CR123 / RCR123 batteries
- Includes a NITECORE 18650 rechargeable Li-ion battery (NL1836R 3,600mAh) with a built-in USB-C charging port, offering a runtime up to 28 hours
- Highly efficient constant current circuit provides a stable output
- Incorporated Advanced Temperature Regulation (ATR) module (Patent No. ZL201510534543.6)
- Electronic reverse polarity protection
- Optical lenses with double-sided scratch resistant coating
- Constructed from aero grade aluminum alloy
- HA III military grade hard-anodized finish
- Tail stand capability
- Stainless steel clip included
- Waterproof and dustproof rating in accordance with IP68 (2 meters submersible)
- Impact resistant to 2 meters

Specifications

- Length: 117.5mm (4.63")
- Head Diameter: 26.8mm (1.06")
- Tube Diameter: 21.4mm (0.84")
- Tail Diameter: 24.4mm (0.96")
- Weight: 64g (2.26 oz) (Battery Not Included)

Accessories

NITECORE 18650 Rechargeable Li-ion Battery (NL1836R 3,600mAh), USB-C Charging Cable, Lanyard, Spare O-ring






Battery Options

	Type	Nominal Voltage	Compatibility
18650 Rechargeable Li-ion Battery (Discharge Current Over 6A)	18650	3.6V/3.7V	Y (Recommended)
Primary Lithium Battery	CR123	3V	Y (Compatible)
Rechargeable Li-ion Battery	RCR123	3.6V/3.7V	Y (Compatible)
18650 Rechargeable Li-ion Battery (Discharge Current Below 6A)	18650	—	N (Incompatible)

Note: DO NOT use flat top batteries.







Technical Data

Using the NITECORE NL1836R Li-ion Battery:

FL1 STANDARD	HIGH	LOW
	1,800 Lumens	50 Lumens
	2h 15min	28h
	520m	95m
	67,000cd	2,200cd
	2m	
	IP68, 2m (Waterproof and Submersible)	







Note: The stated data is measured in accordance with the international flashlight testing standards ANSI/PLATO FL 1-2019, using 1 x 18650 Li-ion battery (3,600mAh) under laboratory conditions. The data may vary in real world use due to different battery usage or environmental conditions

Using 2 x RCR123 Batteries:

FL1 STANDARD	HIGH	LOW
	800 Lumens	50 Lumens
	1h 30min	12h
	350m	95m
	29,500cd	2,200cd
	2m	
	IP68, 2m (Waterproof and Submersible)	

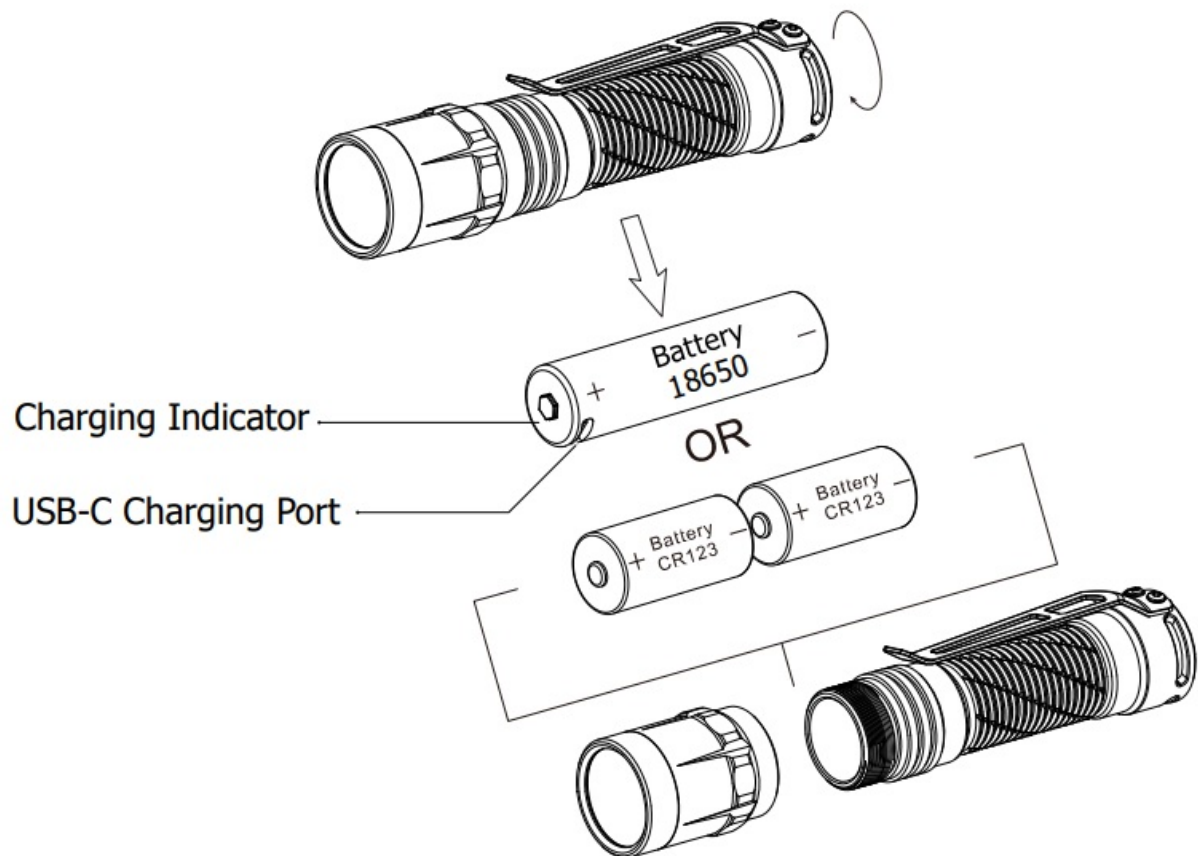
Note: The stated data is measured in accordance with the international flashlight testing standards ANSI/PLATO FL 1-2019, using 2 x RCR123 batteries (950mAh) under laboratory conditions. The data may vary in real world use due to different battery usage or environmental conditions.

Using 2 x CR123 Batteries:

FL1 STANDARD	HIGH	LOW
	800 Lumens	50 Lumens
	2h 45min	20h
	350m	95m
	29,500cd	2,200cd
	2m	
	IP68, 2m (Waterproof and Submersible)	

Note: The stated data is measured in accordance with the international flashlight testing standards ANSI/PLATO FL 1-2019, using 2 x CR123 batteries (1,600mAh) under laboratory conditions. The data may vary in real world use due to different battery usage or environmental conditions.

Battery Installation / Removal



Charging the Battery

The included NL1836R rechargeable Li-ion battery is equipped with a USB-C charging port. Please charge the battery before use.

Power Connection: Use the USB cable to connect an external power supply (e.g. a USB adapter or other USB charging devices) to the charging port to begin the charging process. The charging time is approx. 4 hours. (Charged via the 5V/1A adapter)

Charging Indication: During the charging process, the red charging indicator will turn on steadily. When the battery is fully charged, the charging indicator will turn green steadily.

Battery Installation / Removal

As illustrated, after unscrewing the tube, insert / remove the battery(s) and screw to tighten the tube.

Warnings:

- Make sure the battery(s) are inserted with the negative end facing towards the tail. The product will not work if the battery(s) are incorrectly inserted.
- When the power level is low, please stop using the product and recharge the battery to prevent damage.
- **Tactical Momentary Illumination**
- For HIGH (Default): When the light is off, half press and hold the Power Button to momentarily access HIGH. Release to turn it off.
- For LOW: Turn off HIGH, then half press and hold the Power Button again within 2 seconds to momentarily access LOW. Release to turn it off.
- Note: If the light remains off for more than 2 seconds, half pressing and holding the Power Button again will automatically revert to HIGH.

On / Off

- **On: For HIGH** (Default): When the light is off, full press the Power Button until a click sound is heard access HIGH.
- **For LOW:** Turn off HIGH, then full press the Power Button again within 2 seconds to access LOW.
- **Off:** When the light is on, full press the Power Button until a click sound is heard to turn it off.
- Note: If the light remains off for more than 2 seconds, full pressing the Power Button again will automatically revert to HIGH.

Battery Charging / Replacement

- The battery should be charged or replaced when the output appears to be dim or the flashlight becomes unresponsive due to low power.


ATR (Advanced Temperature Regulation)

- The integrated ATR technology regulates the output of the MT2C Pro according to the working condition and ambient environment to maintain the optimal performance.

Maintenance

- Every 6 months, threads should be wiped with a clean cloth followed by a thin coating of silicon-based lubricant

Documents / Resources

	NITECORE MT2C Pro High Output Compact Tactical Flashlight [pdf] User Manual MT2C Pro, MT2C Pro High Output Compact Tactical Flashlight, High Output Compact Tactical F lashlight, Output Compact Tactical Flashlight, Compact Tactical Flashlight, Tactical Flashlight, FI ashlight
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References

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