



# NITECORE MT1A PRO Multi Task Flashlight User Manual

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## **USER MANUAL**

MODEL: MT1A Pro

### **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 battery cap 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 battery 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.

## Accessories

NITECORE 14500 Rechargeable Li-ion Battery (NL1411R 1,100mAh), USB-C Charging Cable, Lanyard, Spare O-ring, Clip

## 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 25 LED with a max output of 800 lumens
- Max peak beam intensity of 15,700cd and max throw of 250 meters
- An optical system combined with crystal coating and “Precision Digital Optics Technology” (PDOT)
- A single tail switch controls 3 brightness levels
- Powered by 1 x 14500 Li-ion battery while compatible with 1 x AA battery
- Includes a NITECORE 14500 rechargeable Li-ion battery (NL1411R 1,100mAh) with a built-in USB-C charging port, offering a runtime up to 10 hours
- Intelligent brightness level memory function
- Highly efficient constant current circuit provides a stable output
- Incorporated Advanced Temperature Regulation (ATR) module (Patent No. ZL201510534543.6)
- Two-way clip included
- 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
- Waterproof and dustproof rating in accordance with IP68 (2 meters submersible)
- Impact resistant to 2 meters

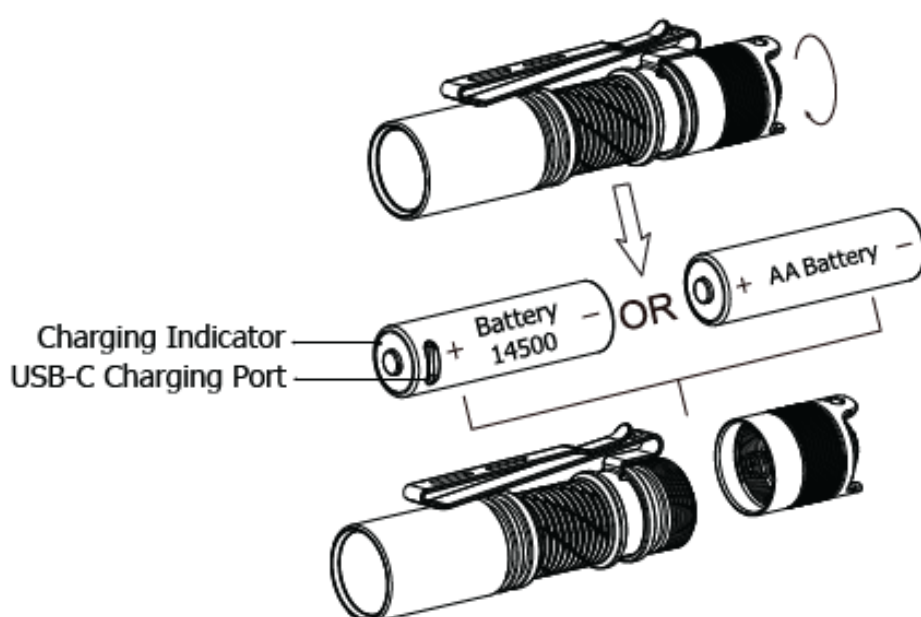
## Specifications

- Length: 93.0mm (3.66")
- Head Diameter: 19.7mm (0.78")
- Tube Diameter: 17.2mm (0.68")
- Tail Diameter: 19.5mm (0.77")
- Weight: 32g (1.13 oz) (Battery Not Included) 52g (1.83 oz) (Battery Included)

## Battery Options

	Type	Nominal Voltage	Compatibility
NITECORE 14500 Rechargeable Li-ion Battery	14500	3.6V/3.7V	Y (Recommended)
Primary AA Lithium Battery	AA	1.5V	Y (Compatible)
Primary AA Alkaline Battery	AA	1.5V	Y (Compatible)
Rechargeable AA Battery	AA	1.2V	Y (Compatible)

## Battery Installation / Removal



## Charging the Battery

The included NL1411R 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. 3 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 battery cap, insert / remove the battery and screw to tighten the battery cap.

**Warning:** Make sure the battery is inserted with the negative end facing towards the battery cap. The product will not work if the battery is incorrectly inserted.

## On / Off

On: When the light is off, full press the Tail Switch until a click sound is heard to turn it on

Off: When the light is on, full press the Tail Switch until a click sound is heard to turn it off.

## Brightness Levels

When the light is on, half press the Tail Switch or turn the flashlight back on within 2 seconds to cycle through the following brightness levels: LOW – MID – HIGH. After the flashlight is turned off for 2 seconds, reactivating it will automatically access the previous memorized brightness level.

## 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 MT1A 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.

## Technical Data






Using the NITECORE NL1411R Li-ion Battery:

FL1 STANDARD	HIGH	MID	LOW
	*800 Lumens	300 Lumens	50 Lumens
	1h	1h 45min	10h
	*250m	145m	58m
	*15,700cd	5,500cd	846cd
	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 14500 Li-ion battery (1,100mAh) under laboratory conditions. The data may vary in real world use due to different battery usage or environmental conditions.

\*The data is tested without the temperature regulation.

## Using 1 x AA Battery:

FL1 STANDARD	MID	LOW
	200 Lumens	50 Lumens
	1h 30min	5h
	125m	58m
	3,954cd	846cd
	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 AA battery under laboratory conditions. The data may vary in real world use due to different battery usage or environmental conditions. The HIGH Level cannot be activated when using the AA battery.

## 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 60 months from the date of purchase. Beyond 60 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. (e.g. reversed polarity installation)
3. the product(s) is/are damaged due to battery leakage.

For the latest information on NITECORE® products and services, please contact a local NITECORE® distributor or send an email to [service@nitecore.com](mailto:service@nitecore.com)

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Please find us on facebook : NITECORE Flashlight

## Frequently Asked Questions (FAQ)

**Q: Can I use other battery types with this product?**

A: While the recommended battery is the NITECORE 14500 Rechargeable Li-ion Battery, you can also use Primary AA Lithium, Primary AA Alkaline, or Rechargeable AA batteries with compatibility.

Documents / Resources

	<a href="#">NITECORE MT1A PRO Multi Task Flashlight</a> [pdf] User Manual MT1A PRO, MT1A PRO Multi Task Flashlight, Multi Task Flashlight, Task Flashlight, Flashlight
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References

- [N NITECORE](#)
- [User Manual](#)

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