



# NITECORE SmartRing Multi-Color LED Tactical Flashlight User Manual

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NITECORE SmartRing Multi-Color LED Tactical

Flashlight User Manual

# NITECORE®

**SYSMAX Ind.**  
SYSMAX Industry Co. Ltd

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## Features

- Designed for use in law enforcement, hunting, and tactical applications.
- The world's first line of flashlights to feature third generation SSR (smart selector ring) technology
- Smoothly and rapidly select brightness levels and function by rotating a smart selector ring
- Utilizes a CREE XP-L HI V3 LED for a maximum output of up to 1000 lumens
- The second generation of 'Crystal Coating Technology' along with 'Precision Digital Optics Technology' provide extreme reflector performance
- Boasts a peak beam intensity of 50900cd and a throw distance of up to 450 meters (ANSI FL1)
- A High-efficiency circuit board provides up to 240 hours runtime on the lowest output level
- Equipped with unique multi-colored (red, green, and blue) tactical/signaling lights
- Versatile 500mW ultraviolet light at 365nm wavelength
- Infinite brightness adjustment from 0 to 1000 lumens
- 7 rapidly switchable functions to select from
- Multi-functional power indicator light displays low battery status
- Patented spring-loaded impact absorption mechanism with reverse polarity protection
- Stainless steel titanium-plated two-way clip
- Stainless steel retaining ring protects core components from damage
- Toughened ultra-clear mineral glass with anti-reflective coating
- Constructed from aero grade aluminum alloy
- Robust HAIII military grade hard-anodized
- Waterproof in accordance with IPX8 (two meters submersible)
- Impact-resistant to 1 meter
- Tail stand capability

## Dimensions

Length: 158mm (6.22")  
Head diameter: 40 mm (1.57")  
Tube diameter: 25.4mm (1")  
Weight: 173g (6.1oz)(without battery)







Accessories

holster, clip, lanyard, spare O-ring, spare tactical ring, spare tail cover

Battery Options

	TYPE	Nominal voltage	Compatible
Primary Lithium battery	CR123	3V	Y (Recommended)
18650 Rechargeable Li-ion battery	18650	3.7V	Y (Recommended)
Rechargeable Li-ion battery	RCR123	3.7V	Y

Brightness & Runtime

FL1 STANDARD	TURBO	ULTRALOW	RED	GREEN	BLUE	UV	STROBE	Beacon	Police warning signal
	1000 LUMENS	0.1 LUMEN	13 LUMENS	19 LUMENS	3 LUMENS	—	1000 LUMENS	1000 LUMENS	—
	1h15min	240h	28h	26h	26h	26h	—	—	32h
	450m	7m	8m	13m	3m	—	—	—	—
	50900cd	13cd	17cd	42cd	2.2cd	—	—	—	—
	1m (Impact Resistant)								
	IPX8,2m (Waterproof AND Submersible)								

**NOTICE:** The above data has been measured in accordance with the international flashlight testing standards ANSI/NEMA FL1 using 1×3.7V 3400mAh 18650 battery under laboratory conditions. The data may vary slightly during real-world use due to battery type, individual usage habits, and environmental factors.

\* Infinite brightness adjustment varies from 0.1 to 1000 lumens and is manually adjusted by rotation of the Smart Selector Ring. Subsequently, runtimes will vary anywhere from 75 minutes to 240 hours depending on the chosen level of output.

Operating Instructions



### Battery Installation

Insert one 18650 battery or two CR123 batteries with the positive pole pointing forward (toward the light head).

#### **NOTE:**

1. Ensure batteries are inserted with the positive (+) end pointing to the head. The SRT7GT will not operate with incorrectly inserted batteries.
2. Ensure when turning the SRT7GT on, the beam is directed away from the eyes of people or animals.

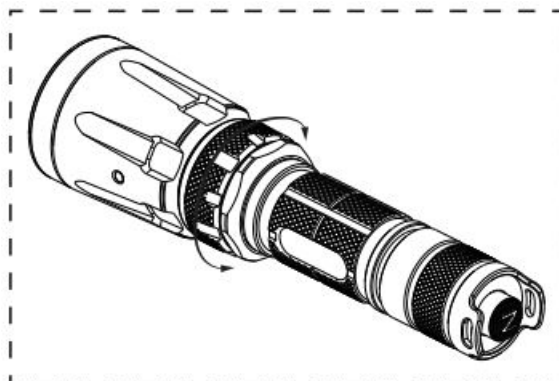
### On/Off

To switch ON: Press the button on the tail cap until a “click” is heard. To switch OFF: Press the button on the tail cap a second time until a “click” is heard.

### Momentary Illumination

Momentary illumination can be achieved by switching the flashlight off and then half-pressing and holding the tail switch. Release switch to turn the light off.

### Adjusting Output



With the light turned on, slowly rotate the Smart Selector Ring (adjacent to the bezel) in a counter-clockwise direction to cycle through the following brightness levels: Beacon -> Police warning signal -> Blue mode -> Green

mode -> Red mode ->Ultraviolet light-> Standby mode ->Infinite brightness modes -> Turbo mode -> Strobe mode. These modes may be cycled through in reverse by rotating the Smart Selector Ring in a clockwise direction.

**Note:** When in standby mode, the SRT7GT will draw a small amount of current from the battery to maintain the operation of its microprocessor. The blue power indicator located on the head portion will blink once every 2 seconds to serve as a positioning light when the torch is standing by.

## **ATR**

The SRT7GT comes with an Advanced Temperature Regulation module, allowing the SRT7GT to regulate its output and adapt to the ambient environment, therefore maintaining optimal performance.

## **Power Tips**

1. With the light switched on, the power indicator will blink once every two seconds when power levels reach 50%.
2. With the light switched on, the power indicator will blink rapidly when power levels are low.

## **Changing Batteries**

When the power indicator blinks rapidly it means the batteries need to be replaced. Alternatively, if the light becomes dim or unresponsive to adjustment this also indicates batteries need to be replaced.

## **Maintenance**

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

## **Warranty Details**

All NITECORE® products are warranted for quality. Any defective/malfunctioning NITECORE® product can be repaired free of charge for a period of 60 months (5 years) from the date of purchase. Beyond 60 months (5 years), a limited warranty applies, covering the cost of labor and maintenance, but not the cost of accessories or replacement parts.

The warranty is nullified in all of the following situations:

1. The product(s) is/are broken down, reconstructed, and/or modified by unauthorized parties.
2. The product(s) is/are damaged through improper use.
3. The product(s) is/are damaged by leakage of batteries.

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)

All images, text, and statements specified herein in this user manual are for reference purposes only. Should any discrepancy occur between this manual and information specified on [www.nitecore.com](http://www.nitecore.com) Sysmex Industry Co., Ltd. reserves the right to interpret and amend the content of this document at any time without prior notice

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## Documents / Resources



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## References

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