NITECORE®
ALL-ROUND Flashlight Expert

MT21A User Manual

Features
• LED Premium CREE XP-E2 R2 LED
• Maximum output of up to 260 lumens
• Integrated "Precision Digital Optics Technology" provides exceptional throw capability in its class.
• Boasts a peak beam intensity of 10,000cd and a throw distance of up to 200 meters
• Maximum runtime of up to 55 hours
• Two rapid switching modes suit various user requirements.
• User-defined mode allows for customized brightness levels and a multitude of functions
• Intelligent memory functions
• Reverse polarity protection
• Toughened ultra-clear mineral glass with anti-reflective coating
• Purpose designed reflector ensures a smooth and powerful beam
• Aero grade aluminum alloy
• HA III Military grade hard anodized
• Purpose-made rhombic knurling for better grip
• IPX8 standard waterproof (submersible to two meters)

Dimensions
Length: 155mm (6.1")
Head Diameter: 25.4mm (1")
Tail Diameter: 21.5mm (0.85")
Weight: 68grams (2.4oz)(without battery)

Accessories
Lanyard, spare plastic cap, and spare O-ring

Battery Options

	TYPE	Nominal voltage	Compatible
Primary AA battery	AA	1.5V	Y (Recommended)
Rechargeable AA battery	AA	1.2V	Y (Recommended)
Primary AA Lithium battery	L91	1.5V	Y (Recommended)
Rechargeable Li-ion battery	14500	3.7V	N (Banned)

Brightness & Runtime

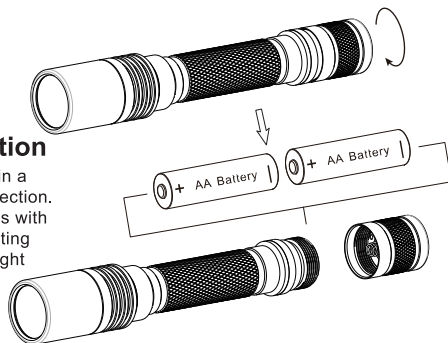| FL1 STANDARD	TURBO	HIGH	MID	LOW	SOS	STROBE
💡	260 LUMENS	130 LUMENS	60 LUMENS	15 LUMENS	260 LUMENS	260 LUMENS
🕐	2h	5h	12h	55h	——	——
◢	200m	133m	73m	27m	——	——
◎	10000cd	4400cd	1350cd	180cd	——	——
✓	1m (Impact Resistant)					
〰	IPX8, 2m (Waterproof AND Submersible)					

NOTICE
Stated data has been measured according to the international flashlight testing standards ANSI/NEMA FL1 using two high quality AA Ni-Mh rechargeable batteries (1.2V, 2400mAh) under laboratory conditions. The data may vary due to individual usage habits and environmental conditions.

Operation instructions

Battery Installation
1. Unscrew the tail cap in a counter-clockwise direction.
2. Insert two AA batteries with the positive pole pointing forward (toward the light head).

WARNING
1. Ensure batteries are inserted with the positive (+) end pointing to the head. The MT21A will not operate with incorrectly inserted batteries.
2. Please do NOT light directly to the eyes, which will hurt the eyes.

Switching ON/OFF
Switch ON: Press the button on the tailcap until a "click" is heard.
Switch OFF: Press the button at the tailcap a second time until a "click" is heard.

Mode Switching
The Nitecore MT21A has two modes: Turbo and user-defined. These two modes can be changed by simply tightening and loosening the flashlight head. Turbo provides 100% output while user-defined mode contains five selectable sub-modes.

Turbo Mode
Turbo mode is accessed when the MT21A flashlight is switched ON and the head lightly tightened. While in this mode, momentary illumination can be achieved by switching off the flashlight and then half pressing and holding the switch. Momentary illumination can be used as a flashing signal indicator or apply to various tactical applications.

Note: After three minutes' using of turbo mode, the flashlight will lower its output automatically for preventing overheating, and efficiently ensure the battery runtime.

User-Defined Mode
User-defined mode is accessed by slightly loosening the flashlight head. In this mode, lightly and rapidly pressing the switch will cycle through brightness and other functions in the following order: "High-Mid-Low- SOS-Strobe". Pressing the switch all the way down will save and memorize a desired setting.

Tips: Make NITECORE MT21A your perfect multi-task flashlight.
NITECORE MT21A flashlights essentially have two modes: Turbo mode (100% output) and custom mode. Turbo mode is accessed by tightening the flashlight head while any of one of the four customizable modes (strobe, low, medium and high) are selected by loosening the head and rapidly pressing the on/off switch to cycle through the modes. A given mode can be saved by simply turn off the light while in that mode. Real-world examples include: When used as a flashlight around the home, the head can be loosened and low level selected in custom mode, providing long runtimes at a lower light intensity. The same flashlight could then be taken out and used as a law-enforcement duty light, with user-defined mode set in strobe, making it easy to alternate between turbo mode and strobe with a simple twist of the flashlight head.

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

Warranty Service
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

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