NITECORE ®
ALL-ROUND Flashlight Expert

EA8 User Manual

Features

· Utilizes a CREE XM-L U2 LED
· Maximum output of up to 900 lumens
· Integrated "Precision Digital Optics Technology" provides extreme reflector performance
· Boasts a peak beam intensity of 60,000cd and a throw distance of up to 490 meters
· Innovative single button two-stage switch offers a user-friendly interface (patented)
· Eight rapidly switchable brightness modes to select from
· High efficiency circuit board provides up to 800 hours runtime
· Integrated power indicator light displays remaining battery power (patented)
· Power indicator's secondary function displays battery voltage (accurate to 0.1V)
· Reverse polarity protection prevents damage due to incorrectly inserted batteries
· Stainless steel retaining ring protects the core components from damage
· Toughened ultra-clear mineral glass with anti-reflective coating
· Constructed from aero grade aluminum alloy
· Sturdy HAIII military grade hard-anodized
· Waterproof in accordance with IPX-8 (two meters submersible)
· Impact resistant to 1.5 meters
· Tail stand capability

Dimensions

Length: 183mm (7.17")
Head diameter: 60 mm (2.36")
Tube diameter: 41.8mm (1.65")
Weight: 302g (10.65oz)(without battery)

Accessories

Quality holster, lanyard, spare O-ring

Battery Options

	SIZE	Nominal voltage	Usability
Primary AA battery	AA	1.5V	Y (Recommended)
Rechargeable AA battery	AA	1.2V	Y (Recommended)
Primary AA Lithium battery	L91	1.5V	Y
Primary LiFePO4 battery	14500	3.2V	N (Banned)
Rechargeable Li-ion battery	14500	3.7V	N (Banned)

Output & Runtime

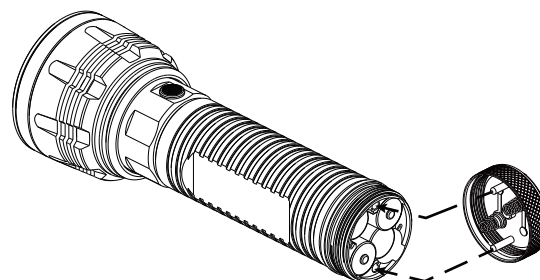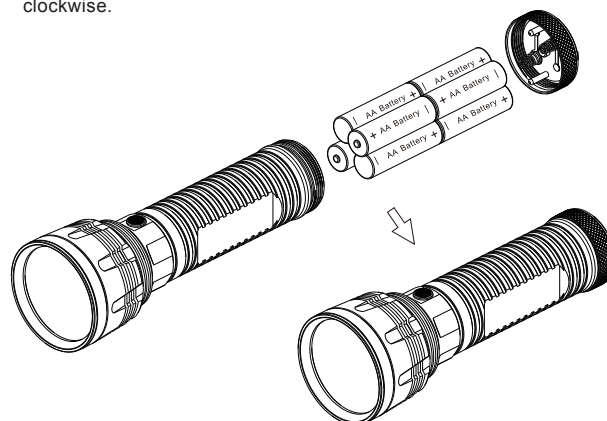| FL1 STANDARD	TURBO	HIGH	MID	LOW	LOWER
☀	900 LUMENS	590 LUMENS	180 LUMENS	50 LUMENS	2 LUMENS
🕐	2h	3h45min	14h	60h	800h
◀	490m (Beam Distance)				
◎	60000cd (Peak Beam Intensity)				
✓	1.5m (Impact Resistant)				
⬇	IPX-8, 2m (Waterproof AND Submersible)				

NOTICE
The above data has been measured in accordance with the international flashlight testing standards ANSI/NEMA FL1 using 8 x 1.2V 2400mAh AA batteries under laboratory conditions. The data may vary slightly during real-world use due to battery type, individual usage habits and environmental factors.
NITECORE (SYSMAX) is a member of PLATO, participating in and helping to develop the ANSI FL1 standard of measurement. Product testing data is in accordance with these internationally recognized scientific standards.

Battery installation

1. Insert batteries with the positive (+) and negative (-) ends corresponding to the diagram on the inside of the battery compartment.
2. Tighten the tail cap by aligning the two gold pins on the inside of the tail cap with the corresponding holes on the flashlight body and rotate clockwise.

Tips
Inserting batteries in a dark environment: Two of the four battery slots in the EA8's battery compartment feature grooves indicating that batteries should be inserted with the negative (-) ends facing forward, while the two slots with no grooves require the batteries to be inserted with the positive (+) ends facing forward. In this way, batteries can be inserted correctly through tactile feedback alone.

After loading the batteries, the power indicator light will blink to indicate the battery voltage. Please refer to the "Power Tips" section of this manual for details.
WARNING
1. Insert batteries using the image on the inside of the battery compartment as a reference.
2. Do not mix rechargeable and non-rechargeable batteries.
3. Do not mix batteries of different types/brands.

General Operation

The EA8 utilizes a 2-stage switch similar to a camera shutter button. The light's numerous functions are selected according to the depth the switch is pressed. The EA8 has two modes: Daily mode and Search / Turbo mode.
Operating In Daily Mode
1. With the light turned off, press the switch partway down and release within a second to enter daily mode.
2. Daily mode contains four brightness levels: ultra-low, low, medium, and high. Pressing the switch partway down in quick succession will cycle through these modes. Pressing the switch partway down and holding for more than one second when in daily mode will enter into turbo mode. See Turbo / Search mode instructions below.
3. The light is turned off (put into standby mode) by pressing the button all the way down and releasing within a second. This will also memorize the last daily mode used.

Thanks for purchasing NITECORE!