

Features

- Solid lightweight aero grade aluminum alloy construction
- Utilizes a CREE XP-L HI V3 LED
- Uses 4×AA batteries for a maximum output up to 1000 lumens
- Dual switch design offers unprecedented ease of use
- Thumbscrew lock on tailcap doubles as a tripod receiver
- 5 brightness levels and 3 special modes available
- High efficiency constant current circuit enables maximum runtime up to 416 hours
- Features advanced temperature regulation (ATR) technology
- A power indicator built into the on/off switch indicates remaining battery power (Chinese Patent: ZL201220057767.4)
- Direct access to ultralow and turbo outputs
- Micro-textured reflector offers wide angle lighting
- Reverse polarity protection prevents damage arising from incorrectly inserted batteries
- Stainless steel retaining ring protects core components from damage
- Toughened ultra-clear mineral glass with anti-reflective coating
- Waterproof in accordance with IPX-8 (2 meters submersible)
- Impact resistant to 1.5 meters
- Tail stand capability

Dimensions

Length: 6.69" (170mm)
Head diameter: 1.34" (34mm)
Tube: 1.33" × 0.96" (33.6mm×24.5mm)
Weight: 4.67oz (132.5g) (without battery)

Accessories

Quality holster, lanyard

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

Output & Runtime

FL1 STANDARD	TURBO	HIGH	MID	LOW	ULTRALOW
	1000 LUMENS	430 LUMENS	210 LUMENS	45 LUMENS	1 LUMEN
	45min	2h45min	7h	35h	416h
	402m (Beam Distance)				
	40,500cd (Peak Beam Intensity)				
	1.5m (Impact Resistant)				
	IPX-8, 2m (Waterproof AND Submersible)				

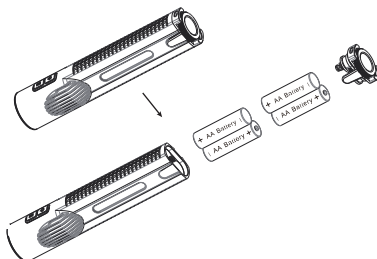
NOTICE

The above data has been measured in accordance with the international flashlight testing standards ANSI/NEMA FL1 using 4 x 1.2V 2450mAh AA batteries under laboratory conditions. The data may vary slightly during real-world use due to battery type, individual usage habits and environmental factors.

Operating Instructions

Battery installation

As illustrated, rotate the thumbscrew lock counterclockwise and screw the tail cap off. Insert batteries with the negative (-) ends contacting the springs, and then tighten the thumbscrew lock clockwise.



NOTE: After battery insertion, the power indicator light will blink to indicate remaining battery power. Please refer to the "Power Tips" section of this manual for details.

WARNING:

1. Do not mix rechargeable and non-rechargeable batteries.
2. Do not mix batteries of different types/brands.

On/Off Operation

To switch on: Press the on/off switch to turn the light on

To switch off: Press the on/off switch again to turn the light off and enter standby mode

Standby Mode

With the light turned on, press and hold the on/off switch for over one second to turn the light off and activate the power indicator to blink once every three seconds, thus helping users locate the EA45S in dark environments. When powered by 4xAA batteries, the EA45S can operate for about 12 months with the power indicator on, or remain on standby for about 18 months with the power indicator off.

Brightness Levels

With the light turned on, press the mode switch repeatedly to cycle through brightness levels of ultralow, low, medium, high and turbo. This mode has memory effect that ensures direct access to the brightness level last used.

Direct Access to Ultralow/Turbo

With the light turned off, press and hold the on/off switch for over one second to enter ultralow level (1 lumen).

With the light turned off, press and hold the mode switch for over one second to enter turbo level (1000 lumens).

Special Modes (Strobe/Location Beacon/SOS)

With the light turned on, press and hold the mode switch for over one second to enter strobe mode. To cycle through location beacon/SOS/strobe modes, press and hold the mode switch for over one second again. To exit, press the on/off switch to turn the light off.

Strobe Ready

With the light turned off, press the mode switch twice in quick succession to enter strobe mode directly. To exit, simply press any switch to turn the light off.

Lockout/Unlock

With the light turned on, press and hold both switches for over one second to switch the light off and enter lockout mode. In this mode, the two switches will not have their respective functions, thus preventing accidental activation. To unlock, press and hold both switches for over one second again.

NOTE:

1. When in lockout mode, the EA45S will remain operational for about 18 months.
2. When the EA45S is kept in a backpack or left unused for extended periods, Nitecore recommends batteries are removed to cut off power entirely and thus prevent battery leakage or accidental activation.

Power Tips

After battery installation or with the mode switch being pressed when the light is off, the blue power indicator built into the switch will blink to indicate remaining battery power. The power indicator will blink three times when power levels are above 50%; twice when power levels are below 50%; and once when battery is close to depletion (below 10%) .

ATR Technology

Advanced temperature regulation (ATR) technology allows EA45S to dynamically adjust output performance based on its internal temperature. This prevents damage from overheating and prolongs its working life.

Changing / Charging Battery

When batteries are close to depletion, the brightness level will be locked at ultralow to protect batteries. Please change batteries at this time.

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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SYSMAX Ind.

SYSMAX Industry Co., Ltd.

TEL: +86-20-83862000

FAX: +86-20-83882723

E-mail: info@nitecore.com

Web: www.nitecore.com

Address: Rm1401-03, Glorious Tower, 850 East Dongfeng Road, Guangzhou, China 510600

Please find us on facebook:
NITECORE Flashlights

