# NITECORE ®
## ALL-ROUND Flashlight Expert

# EA2 User Manual

## Features

• CREE XP-G (R5) LED
• Maximum output of up to 280 lumens
• High efficiency constant current circuit enables maximum run time of up to 150 hours
• 5 brightness levels
• Momentary push-on strobe and SOS modes
• Dual electronic switches ensure very easy user interface
• Secondary red light mode (0.2 lumens)
• Power indicator light also serves as battery voltage indicator (accurate to 0.1V)
• Power indicator light serves as standby indicator light when powered down
• Toughened ultra-clear mineral glass with dual-side anti-reflective coating
• Elaborate alloy reflector is purpose-designed for exceptionally long throw
• Constructed from aero grade aluminum alloy
• HAIII military grade hard-anodized
• Stainless steel bezel retaining ring protects core components from damage
• Detachable two-way anti-rolling clip
• Waterproof in accordance with IPX-8 (2 meters submersible)
• Tail stand function

## Dimensions

Length: 131mm (5.16")
Head Diameter: 25.4mm (1")
Tail Diameter: 19mm (0.75")
Weight: 64g (2.26oz)(without battery)

## Accessories

Quality holster, lanyard, spare O-ring

## Battery Options

|  | SIZE | 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) |
| Primary FeLiPO4 battery | 14500 | 3.2V | N (Banned) |
| Rechargeable Li-ion battery | 14500 | 3.7V | N (Banned) |

## Brightness & Runtime

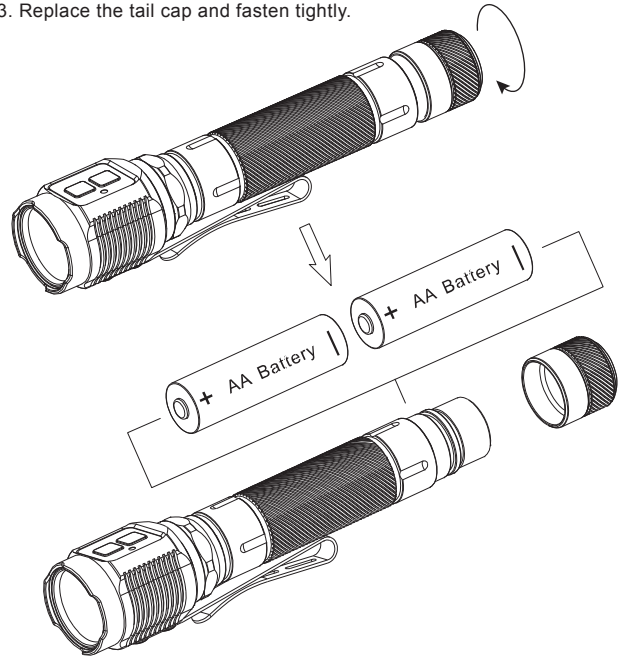| FL 1 STANDARD | TURBO | HIGH | MID | LOW | MICRO |
|---|---|---|---|---|---|
| ☀ | 280 LUMENS | 200 LUMENS | 60 LUMENS | 15 LUMENS | 3 LUMENS |
| 🕐 | — | 2h | 8h | 30h | 150h |
| ◀ | 141m (Beam Distance) | | | | |
| ◎ | 5000cd (Peak Beam Intensity) | | | | |
| ✓ | 1.5m (Impact Resistant) | | | | |
| ⬇ | IPX-8, 2m (Waterproof AND Submersible) | | | | |

**NOTICE**
The stated data has been measured in accordance with the international flashlight testing standards ANSI/NEMA FL1, using high quality AA Ni-Mh rechargeable batteries (1.2V, 2500mAH) under laboratory conditions. The data may vary in real-world use due to different battery usage or environmental conditions.

## Operation instructions

### Battery installation

1. Unscrew (counterclockwise) and remove the tail cap.
2. Insert two AA batteries with the positive pole of the batteries pointing toward the head.
3. Replace the tail cap and fasten tightly.



**WARNING**
Always ensure batteries are inserted with the positive (+) end pointing toward the flashlight head. If incorrectly installed, the flashlight will not work.

## Switching ON/OFF

To switch ON: Press the "ON/OFF" button once to turn the light on.
To switch OFF: Press the "ON/OFF" button once again to turn the light off.

**Note:** When EA2 is off, the power indicator (red light) will flash once every 3 seconds to act as a locator. In this mode, the EA2 consumes a very little amount of current (about 0.15mA) to maintain working of the built-in MCU and power indicator. In this mode, two AA batteries will last about 2 years.

## Brightness Selection

With the flashlight switched on, each time you press the "MODE" button, it will go through the different preset brightness levels as follows: ultra-low mode→low mode→medium mode→high mode and repeat. In these modes, the flashlight has memory function. It can memorize the selected brightness after turning the light off, and the next time you turn on the light, it will automatically resume the previously selected mode.

## Entering Turbo Mode

With the flashlight switched on, press the "MODE" button for more than 1 Second. EA2 will enter Turbo mode. Press the MODE button again, and the flashlight will retreat from turbo brightness and resume to previous brightness. In Turbo mode the EA2 circuit will deliver maximum current to make brightness as high as possible.

**Note:**

1. After 3 minutes working in Turbo mode, the flashlight will automatically restore to the previously selected brightness level to safeguard against overheating.

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*Thanks for purchasing NITECORE!*