







## Fenix LD09 Flashlight: Ready Reliability

Equipped with the multi-function tail switch for momentary-on, constant-on and output selection, the Fenix LD09 delivers max 130-lumen output from a single AA cell. Three brightness levels plus SOS function cover from hiking, camping to emergency situations.

### Technical Parameters

ANSI/NEMA FL1	High	Mid	Low	SOS
 OUTPUT	130 Lumens	55 Lumens	8 Lumens	55 Lumens
 RUNTIME	1h 30min	5h	40h	
 DISTANCE	88m (Max)			
 INTENSITY	1950cd (Max)			
 IMPACT RESISTANT	1m			
 WATERPROOF	IPX-8, underwater 2m			
ACCESSORIES	Body clip, lanyard and spare O-ring			

- © Cree XP-E2 (R3) LED with a lifespan of 50,000 hours
- © Uses one AA (Ni-MH, Alkaline) battery
- © 92mm (Length) x 19mm (Diameter)
- © 33-gram weight (excluding the battery)
- © Digitally regulated output - maintains constant brightness
- © Reverse polarity protection guards against improper battery installation
- Multi-function tactical tail switch for momentary-on, constant-on and output selection
- © Anti-roll, slip-resistant body design

- ◎ Made of durable aircraft-grade aluminum
- ◎ Premium Type III hard-anodized anti-abrasive finish
- ◎ Toughened ultra-clear glass lens with anti-reflective coating

Notice: The above-mentioned parameters (tested by 2500mAh Ni-MH battery in Lab) are approximate and may vary between flashlights, batteries, and environments.

## Operation

The Fenix LD09 features a tail switch with momentary operation (light press or tap) and constant on operation (press until click).

**Mid:** Tap and hold; click to lock on; click again for off.

**Low:** Fast double-tap (within 1 second) and hold; click to lock on; click again for off.

**High:** Fast triple-tap (within 1 second per tap) and hold; click to lock on; click again for off.

**SOS:** Fast quadruple-tap (within 1 second per tap) and hold; click to lock on; click again for off.

The flashlight will not memorize the last used brightness level or SOS mode. The next time you turn the flashlight on (over one second after it is off), it will activate on mid output.

## Battery Specifications

Type	Dimensions	Nominal Voltage	Usability	
Ni-MH Battery	AA	1.2V	Recommended	√
Alkaline Battery	AA	1.5V	Usable	√
Non-rechargeable Battery (Lithium)	AA	1.5V	Usable	√
Rechargeable Battery (Li-ion)	14500	3.7V	Banned	×
Rechargeable Battery (LiFePO <sub>4</sub> )	14500	3.2V	Banned	×

## Battery Replacement

Unscrew the bezel completely to insert the battery with the anode side (+) toward the LED assembly; screw the bezel back on to test.

## **Usage and Maintenance**

© Please don't disassemble the sealed head as doing so can cause damage to the flashlight and will void the warranty.

© Use only recommended high performance batteries with this high discharge light: A Ni-MH rechargeable cell is recommended as alkaline batteries will reduce the flashlight's runtime.

© We recommend the use of high quality batteries. If the flashlight is not to be used for an extended period, remove the batteries, or the flashlight could be damaged by electrolyte leakage or battery explosion.

© Due to the momentary-on tactical switch, the flashlight may be accidentally activated when stored, transported or placed in a pocket. Unscrew the tail cap one-half turn or take out the battery to avoid unwanted operation.

© Long-term use can result in O-ring wear. To maintain a proper water seal, replace the ring with an approved spare.

© Periodic cleaning of the battery contacts improves the flashlight's performance as dirty contacts may cause the LD09 to flicker, shine intermittently or even fail to illuminate for the following reasons: Reason A: The battery needs replacing.

Solution: Replace batteries (Please confirm the correct installation of anode and cathode).

Reason B: The threads, PCB board contact or other contacts are dirty.

Solution: Clean the contact points with a cotton swab soaked in rubbing alcohol.

If the above methods don't work, please refer to the warranty policy before contacting your authorized distributor.

Notice: The routine cleaning video can be watched and downloaded through Fenix official website, please log onto the service channel->"Maintenance for light".

## **Product Warranty**

We will replace products afflicted with manufacturing defects within 15 days of purchase and repair a light free of charge within 24 months of purchase if problems develop with normal use; if repair is required after 24 months from the date of purchase, we will charge for parts. The total repair fee is dictated by the cost of the replaced materials.

## **Product Registration**

We kindly suggest that you register your product on the official website of Fenixlight Limited ([www.fenixlight.com](http://www.fenixlight.com)). You can get an extra six-month warranty period once you have successfully registered. By participating in an optional customer survey, you are entered in a drawing for free Fenix products.

## **Warning**

LD09 is a high intensity lighting device capable of causing eye damage. Avoid shining the light directly into the eyes.