



# TK16

Max 1000 Lumens

User Manual

## Fenix TK16 Flashlight

The Fenix TK16 flashlight delivers 1000 maximum lumens output and far-reaching throwing distance up to 240 meters. Dual tail cap switch provides instant strobe and momentary-on function enabling TK16 flashlight more reliable and flexible in emergency use. Meanwhile, dependable double-deck body, matched strike crown, body clip, grip ring, along with abundant tactical accessories make TK16 even mightier in law enforcement, hunting, searching, etc.

- ✧ Uses Cree XM-L2 U2 LED with a lifespan of 50,000 hours.
- ✧ Powered by one 18650 rechargeable Li-ion battery or two 3V CR123A Lithium batteries
- ✧ 140mm(length) x 25mm(diameter) x 34mm(head)
- ✧ 122-gram weight (excluding battery)
- ✧ Digitally regulated output maintains constant brightness
- ✧ Reverse polarity protection, to protect from improper battery installation
- ✧ Anti-roll, slip-resistant body design
- ✧ Tactical tail switch for momentary-on function
- ✧ Tail mode switch for easy and fast output selection, instant Strobe mode
- ✧ Made of durable aircraft-grade aluminum
- ✧ Premium type III hard-anodized anti-abrasive finish
- ✧ Toughened ultra-clear glass lens with anti-reflective coating

## Battery Replacement

Unscrew the tail cap to insert the batteries with the anode side (+) toward the light's head, screw the tail cap back on.

## Technical Parameters

ANSI/NEMA FL1	General Mode				Strobe
	Turbo	High	Mid	Low	
<b>OUTPUT</b>	1000 Lumens	400 Lumens	150 Lumens	10 Lumens	1000 Lumens
<b>RUNTIME</b>	1h 10min*	3h 25min	10h	150h	/
<b>DISTANCE</b>	240m (Max)				
<b>INTENSITY</b>	14480cd (Max)				
<b>IMPACT RESISTANCE</b>	1m				
<b>WATERPROOF</b>	IPX-8, underwater 2m				
<b>ACCESSORIES</b>	Holster, lanyard, spare O-ring				

Notice: The above-mentioned parameters [lab-tested by using Fenix ARB-L2-3400 /3400mAh 18650 rechargeable Li-ion battery] are approximate and may vary between flashlights, batteries and environments.

\*Due to the protective setup of automatically turning to High from Turbo after working 20 minutes, the runtime of the Turbo brightness level is the accumulated time.

## Operation Instruction

### Dual Tail Cap Switch

The big one is tactical switch, the small one is mode switch.

### ON/OFF

Tap and hold the tactical switch to turn on the light temporarily, release it the light will go out.

Fully press the tactical switch for constant-on illumination, press again to turn off the light.

### Output selection

When the light is on, click the mode switch to cycle through Turbo→Low→Mid→High.

### Strobe mode

When the light is on, press and hold the mode switch for 1 second to enter into Strobe mode, press again to return to general mode.

When the light is off, press and hold the mode switch to activate strobe mode temporarily.

### Intelligent Memory Circuit

The Fenix TK16 memorizes the last brightness level used in the general mode, but it will not remember the Strobe mode. The next time you turn on the flashlight, it will activate the last brightness level you selected.

### Over-heat Protection

The light will accumulate a lot of heat when it is working at Turbo brightness level. When it works at Turbo for 20 minutes or above, the flashlight will automatically adjust the output to prevent the light from overheating.

## Battery Specifications

Type	Dimensions	Nominal Voltage	Usability	
Fenix ARB-L2 Series	18650	3.7V	Recommended	✓
Non-rechargeable Battery (Lithium)	CR123A	3V	Usable	✓
Rechargeable Battery (Li-ion)	16340	3.6V/3.7V	Cautious*	!
Rechargeable Battery (Li-ion)	18650	3.6V/3.7V	Cautious*	!
Rechargeable Battery (LiFePO <sub>4</sub> )	16340	3.2V	Usable	✓
Rechargeable Battery (LiFePO <sub>4</sub> )	18650	3.2V	Banned	X

Warning: Please do not mix batteries of different brands, sizes, capacities or types. Doing so can cause damage to the flashlight or the batteries being used.

\*18650/16340 Li-ion batteries are powerful cells designed for commercial applications and must be treated with caution and handled with care. Quality batteries with circuit protection will reduce the potential for combustion or explosion but cell damage or short circuiting are potential risks the user assumes.

## Usage and Maintenance

- ✧ Disassembling the sealed head can cause damage to the light and will void the warranty.
- ✧ Fenix recommends using excellent quality battery. If the flashlight will not be used for an extended period, remove the battery, or the flashlight could be damaged by electrolyte leakage or battery explosion.
- ✧ Unscrew the tail cap one-half turn or take out the battery to prevent accidental activation during storage or transport.
- ✧ Low-voltage Warning Function: When the voltage level drops below the preset level, the flashlight is programmed to downshift to a lower brightness level. When this happens in Low output mode, the flashlight blinks three times every five minutes to remind you to replace the battery. To ensure normal use, the flashlight will not turn off automatically and will work until the batteries run out completely.
- ✧ 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 flashlight to flicker, shine intermittently or even fail to illuminate for the following reasons:

Reason A: The batteries need 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.

## Product Warranty

Fenix will replace products with documented manufacturing defects within 15 days of purchase and repair a light free of charge within 5 years of purchase if problems develop with normal use; if repair is required after 5 years from the date of purchase, Fenix will charge for parts. The total repair fee is dictated by the cost of the replaced materials.

## Product Registration

Fenix suggests you register your product on the official website for 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

The flashlight is a high-intensity lighting device capable of causing eye damage to the user or others. Avoid shining the light directly into anyone's eyes.

## Available Accessories

Type	Model
Diffuser tip	AOD-M
Traffic wand	AOT-M
Filter adapter	AOF-M
Bike mount	ALB-10
Remote pressure switch	AER-03