



**TK41C**  
Max 1000 Lumens

User manual

*Illuminate Your Adventure*

## Fenix TK41C Flashlight

Fenix TK41C is a high output AA flashlight that combines white, red and blue light together. It has two switches that work separately on white light output and colored light output, and get access to fast activation and shiftiness. The white light reaches max 1000 lumens and long-range distance to 480 meters. The unique design of the battery compartment realizes flexible battery application to avoid shortage of supplementary battery. Equipped intelligent memory circuit, lock-out function and battery level indication optimizes TK41C more versatile and user-friendly.

- Uses Cree XM-L2 U2 and Philips LUXEON Z LED with a lifespan of 50,000 hours
- Featured white, red and blue light, multiple output modes
- Powered by eight AA (Ni-MH/Alkaline) batteries
- 197mm Length x 40mm Diameter x 61.5mm Head
- 280-gram weight (excluding batteries)
- Digitally regulated output maintains constant brightness
- Reverse polarity protection, to protect from improper battery installation
- Dual side switch on the neck for fast and convenient operation
- Lock-out function avoids accidental operation
- Made of durable aircraft-grade aluminum
- Premium Type III hard-anodized anti-abrasive finish
- Toughened ultra-clear glass lens with anti-reflective coating

## Technical Parameters

ANSI/PLATO FL 1	General Mode					Colored Light			
	Turbo	High	Mid	Low	Strobe	Red	Blue	Red Flash	Red/Blue Flash
OUTPUT	1000 Lumens	350 Lumens	100 Lumens	15 Lumens	1000 Lumens	25 Lumens	30 Lumens	25 Lumens	25/30 Lumens
RUNTIME	2h30min	10h20min	39h45min	240h	/	9h30min	5h30min	/	/
DISTANCE	480m (Max)					25m	25m	/	/
INTENSITY	57500cd (Max)					160cd	160cd	/	/
IMPACT RESISTANCE						1m			
SPOT BEAM ANGLE						5°			
SPILL BEAM ANGLE						60°			
WATERPROOF						IPX-8, underwater 2m			
ACCESSORIES						Holster, lanyard, spare O-ring			

Notice: The above-mentioned parameters (lab tested by Fenix using eight 2500mAh Ni-MH batteries) are approximate and may vary between flashlights, batteries and environments.

## Operation Instruction

### Switch

- ☑ Master Switch: controls White light and output selection.
- ☑ Auxiliary Switch: controls Colored light and output selection.

### ON

With the light off, press and hold the Master switch for 0.5 seconds to enter into White light mode, press and hold the auxiliary switch for 0.5 seconds to enter into Colored light mode.

### OFF

With the light on, press and hold the Master or Auxiliary switch for 0.5 seconds to turn off the light.

### Mode Switching

In White light mode, click the Auxiliary switch to enter into Colored light mode.

In Color light mode, click the Master switch to enter into White light mode.

At any state, press and hold the Master switch for 1.2 seconds or above, to enter into Strobe, then click to turn back to previous state.

### Output Selection

In White light mode, click the Master switch to cycle through Low→Mid→High→Turbo.

In the colored light mode, click the Auxiliary switch to cycle through Red light→Blue light→Red flash→Red/Blue flash.

### Intelligent Memory Circuit

The flashlight remembers the last brightness level used in the White Light Mode, the next time it is turned on, it will recall that previously used brightness level. As Colored Light Mode, each time the light will work at Red light.

### Lock-out Function

Lock: Simultaneously press the two switches for 3 seconds (when the light is unlocked), the light will blink twice at Mid and then go out.

Unlock: Simultaneously press the two switches for 3 seconds (when the light is locked), the light will be unlocked and power on the last-used output level.

Note: In locked state, the light only responds unlocking operation, press on any switch, the light will blink twice at Mid and then go out to remind the light is under locked state.

### Battery Level Indicator

With the light off, double click the Auxiliary switch, the battery level will be displayed via the colored LED, which will go out after three seconds. As follow:

Blue LED constant-on: sufficient power level

Red LED constant-on: low power level

Red Flash: critical power level

Red and Blue Flash alternately: overhigh voltage results in battery detection failure

## 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 (LiFePO4)	14500	3.2V	Banned*	✗

Warning: Please do not mix batteries of different brands, size, capacity or type. Doing so may cause damage to the flashlight or the batteries being used. \*Using battery banned will cause flashlight malfunction or damage.

Note: Fenix strongly recommends using high-performance Ni-MH rechargeable batteries to get most out of this flashlight. Alkaline batteries will reduce the runtime significantly.

## Battery Replacement

Unscrew the tail cap to take out the battery holder, and then insert four pairs of batteries, two in each pair, with the negative terminal towards the spring. After loading the batteries into the holder, insert the holder with its top spring towards LED assembly, screw the tail cap on with all of the threads in proper alignment.

Note: When absolutely necessary, the flashlight can be powered by four AA batteries. Unscrew the tail cap to take out the battery holder and insert the batteries into the adjacent battery compartment in correct directions (which can form a battery circuit). Replace the battery holder and screw the tail cap back on.

## 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.

⊗ 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 light's performance as dirty contacts may cause the flashlight 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.

## 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.