

FENIX™

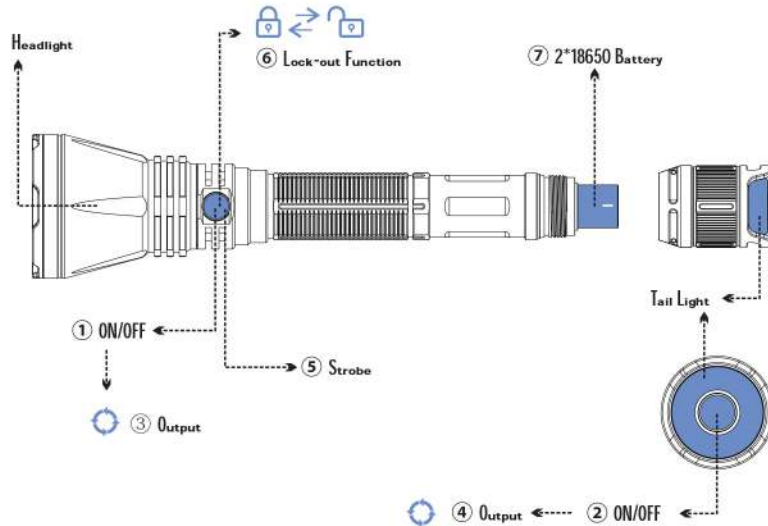


TK47

MAX 1300 LUMENS

DUAL-PURPOSE AND LONG-RANGE

MAX 700 METERS



(ENGLISH) FENIX TK47 FLASHLIGHT

- **Headlight:** Cree XHP35 HI neutral white LED with a lifespan of 50,000 hours
- **Tail light:** Quality neutral white LED, red LED and diffuser tip design
- Powered by two 18650 rechargeable Li-ion batteries
- 266.2mm Length x 61.5mm Head Diameter x 28.0mm Body Diameter
- 376 grams (excluding batteries)
- Dual independent light source that can be used simultaneously
- Headlight with a far-reaching 700m beam distance
- Digitally regulated output maintains constant brightness
- The head light features lock-out function
- Reverse polarity protection, to protect from improper battery insertion
- Intelligent overheat protection to avoid high surface temperature
- Featuring low voltage downshift function
- Made of durable aircraft-grade aluminum
- Premium type III hard-anodized anti-bruise finish
- Toughened ultra-clear glass lens with an anti-reflective coating

BATTERY SPECIFICATIONS

TYPE	DIMENSIONS	NOMINAL VOLTAGE	USABILITY
Fenix ARB-L18 Series	18650	3.6V/3.7V	Recommend
Rechargeable Battery (Li-ion)	18650	3.6V/3.7V	Caution*

Warning: 1. Do not use batteries of different brands, sizes, capacities or types. Doing so may cause damage to the flashlight or the batteries being used. 2. CR2032 battery can be used in emergency, but the headlight only works around 800 lumens. (Output levels of tail light are all around 800.)

\*18650 Li-ion batteries are powered cells designed for commercial applications and must be treated with caution and handled with care. Quality batteries with correct protection can reduce the potential for combustion or explosion but still damage or harm occurring are possible if user the battery wrongly.

OPERATION INSTRUCTION

ON/OFF

① In unlocked status, press and hold the side switch for 0.5 seconds to turn **on** and the headlight.

② Press and hold the tail switch for 0.5 seconds to turn **on** and the tail light.

OUTPUT SELECTION

③ **Headlight:** When the headlight is on, single click the side switch to cycle through Low→Med→High→Turbo.

④ **Tail light:** When the tail light is on, single click the tail switch to cycle through White light→Red light→Red flash→Red SOS.

⑤ STROBE

In unlocked status, press and hold the tail switch for 1.5 seconds to activate Strobe. Single click the side switch once again, the light will return to General brightness.

⑥ LOCK-OUT FUNCTION

**Lock:** When the headlight is off and unlocked, double click the side switch, the light will blink at Med twice, indicating the light is locked.

**Unlock:** When the headlight is off and locked, double click the side switch, the light will be unlocked and turned on the last used output level.

**Note:** In locked status, the light only responds to recovery operation, single click the side switch, the output will blink twice to recover the light to error status.

INTELLIGENT MEMORY CIRCUIT

The headlight memorizes the last brightness level used in the General mode. The next time it is turned on, it will recall the previously used General brightness level.

The tail light is defaulted on White light each time it is turned on again.

INTELLIGENT OVERHEAT PROTECTION

The light will accumulate a lot of heat when used at Turbo output level for extended periods. When the light reaches a temperature of 65°C or above, the light will automatically step down by a few lumens to reduce temperature. When the temperature is reduced, the output will gradually return to Turbo output level.

LOW-VOLTAGE DOWNSHIFT FUNCTION

When the voltage level drops below the preset level in working condition, the flashlight will start downshifting to lower brightness levels until Low output is reached, in order to remind you to replace the batteries. To ensure normal use, the light will not turn off and will work until the over-discharge function stops the battery from working.

ANSI / PLATO FL1

		HEADLIGHT					TAIL LIGHT			
		GENERAL MODE				STROBE	WHITE LIGHT	RED LIGHT	RED FLASH	RED SOS
		TURBO	HIGH	MED	LOW					
	OUTPUT	1300Lumens	400Lumens	100Lumens	10Lumens	1300Lumens	30Lumens	1.5Lumens	1.5Lumens	1.5Lumens
	RUNTIME	1h 58min*	1h 15min	4h	220h	/	43h 30min	150h	/	/
	DISTANCE	700m	412m	274m	73m	/	/	/	/	/
	INTENSITY	122,500lm	42,400lm	11,500lm	1,300lm	/	/	/	/	/
	IMPACT RESISTANCE	1m								
	WATER RESISTANCE	IP68, underwater 2 meters								
	ACCESSORIES	Lens cap, Battery, spare O-ring								

Note: In above mentioned parameters (set tested by Fenix using two 3.6V/3500mAh rechargeable Li-ion batteries) may vary between flashlights, batteries and environments.

\*Due to the intelligent overheat protection, the runtime of Turbo is estimated.

\*\*Tail light with a max-range 0m beam diameter

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 light will not be used for an extended period, remove the battery, or the light could be damaged by electrolyte leakage or battery explosion.
- 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 lamp's performance as dirty contacts may cause the lamp to flicker, blink intermittently or even fail to illuminate for the following reasons:  
**A:** The batteries need replacing.  
**Solution:** Replace batteries. (Ensure batteries are inserted according to the manufacturer's specifications).  
**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.**

⑦ BATTERY REPLACEMENT

Uncover the tail cap to insert the battery with the wide side (+) towards the light head, then screw the tail cap back on.

WARNING

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