







Fenix TK61 Flashlight

The Fenix TK61 is scaled for extended operation in challenging conditions with max 1000 lumens output. Utilizing a single CREE XM-L2 U2 LED, the TK61 employs dual on-body switches for rapid shifting between four brightness levels and two flashing modes with runtime well beyond 4hrs on Turbo. The 824m throw reaches deep while an extended runtime kit stays the course whether the TK61 is handheld, shoulder-strap carried or vehicle-mounted.

Technical Parameters

ANSI/NEMAFL 1	General Mode				Strobe	SOS
	Turbo	High	Mid	Low		
 OUTPUT	1000 Lumens	400 Lumens	130 Lumens	20 Lumens	1000 Lumens	130 Lumens
 RUNTIME	4h 20min	14h	46h	300h		
 DISTANCE	824m (Max)					
 INTENSITY	170000cd (Max)					
 IMPACT RESISTANT	1m					
 WATERPROOF	IPX-8□underwater 2m					
EXTRA FUNCTIONS						
ACCESSORIES	Lanyard, shoulder strap and spare O-ring					

- ◎ Uses Cree XM-L2 LED with a lifespan of 50000 hours
- ◎ Uses four 18650 rechargeable Li-ion batteries or eight 3V CR123A Lithium batteries
- ◎ 216mm (Length) 52.5mm (Diameter) 96mm(Head)
- ◎ 600-gram weight (excluding batteries)

- ⊙ Digitally regulated output - maintains constant brightness
- ⊙ Reverse polarity protection, to protect from improper battery installation
- ⊙ Dual switch system in the front, simple and fast operation
- ⊙ 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 (lab-tested with Fenix 3400mAh ARB-L2S 18650 rechargeable batteries) are approximate and may vary between flashlights, batteries and environments.

Operation

Dual Switches

The right button switch with a power source mark is the power switch. The left button switch with a recycling symbol is the mode switch.

On/Off

A single press on the power switch turns the TK61 on or off.

Brightness Levels and Modes

With the light on, a single press on the mode switch allows switching between Turbo → Low → Mid → High → brightness levels.

To activate the Strobe mode, press and hold the mode switch for about one second. It will flash in the frequency of 6Hz or 15 Hz every 2 seconds.

To activate the SOS mode, press and hold the mode switch for about three seconds.

While in Strobe or SOS mode, a single press on the mode switch returns the TK61 to the non-flashing mode.

Instant Strobe

With the light off, press and hold the mode switch for about one second to activate the Strobe mode.

Instant Turbo

With the light off, press and hold the power button for one second to activate maximum output until the button is released and the TK61 returns to the previous brightness level.

Memory Circuitry

The Fenix TK61 memorizes the last brightness level used in the general mode. The next time you turn the flashlight on, it will activate the last brightness level you selected. However, whether the light is on or off, it will enter into Strobe or SOS mode simply by pressing and holding the mode switch.

Battery Specifications

Type	Dimensions	Nominal Voltage	Usability	
Fenix ARB-L2	18650	3.7V	Recommended	✓
Fenix ARB-L2S	18650	3.6V	Recommended	✓
Non-rechargeable Battery (Lithium)	CR123A	3V	Usable	✓
Rechargeable Battery (Li-ion)	16340	3.7V	Banned	×
Rechargeable Battery (Li-ion)	18650	3.7V	Cautious*	□
Rechargeable Battery (LiFePO ₄)	16340	3.2V	Banned	×
Rechargeable Battery (LiFePO ₄)	18650	3.2V	Usable	✓

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.

*Please do not use the banned batteries, or it will cause damage to the flashlight.

*18650 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.

Battery Replacement

Unscrew the tail cap to take out the battery holder, and then insert four batteries 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.

Usage and Maintenance

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

⊙ 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.

⊙ Unscrew the tail cap one-half turn or take out the battery to prevent accidental activation during storage or transport.

⊙ The circuit is programmed with a low-voltage protection function. If low voltage is detected, it will enter into a lower brightness level. If low voltage is detected in the Low brightness level, it will blink three times a second every 5 minutes. To ensure normal use, TK61 will not turn off automatically and will work until the batteries run out completely.

⊙ When absolutely necessary, the flashlight can be powered by two 18650

rechargeable Li-ion batteries.

Unscrew the tail cap to take out the battery holder and insert the batteries into the adjacent battery compartment of the opposite direction (which can form a battery circuit) with the negative terminal toward the spring. Replace the battery holder and screw the tail cap back on.

Note that runtimes will be shorter and battery life will likely be reduced.

©When absolutely necessary, the flashlight can be powered by four or eight CR123A batteries.

Unscrew the tail cap to take out the battery holder and insert the batteries with the negative terminal toward the spring (when using four batteries, insert the batteries into the adjacent battery compartment of the opposite direction to form a battery circuit). Replace the battery holder and screw the tail cap back on.

In this case, the TK61 will run at a low brightness level and the mode switch will be disabled.

©The TK61's runtime can be extended with the addition of each ARB-L5 rechargeable battery pack or AER-TK75 runtime-extended kit. Runtime will double with each ARB-L5 or AER-TK75 addition but brightness levels will not be altered.

©The TK61 can use the AEU-43 USB kit including the Micro USB charging port, standard USB port and power indication function. ARB-L5 rechargeable battery pack or AER-TK75 runtime-extended kit can be exchanged or used in combinations with the TK61's body and battery holder, and in this case, the AEU-43 USB kit can also charge for the ARB-L5 rechargeable battery pack.

Note: AEU-43 USB kit will not charge for the rechargeable batteries in the battery holder.

©The O-ring may be worn out after using for a long time. If this happens, please replace the O-ring to keep the flashlight properly sealed against water.

© 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 the 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.

Note: The video for TK61 cleaning can be viewed and downloaded from the Fenix website by clicking to SERVICE followed by 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.

Warranty Card Registration

We kindly suggest that you register your guarantee card on the official website of Fenixlight Limited. You can get an extra six-month warranty period once you have successfully registered. What's more, you could take part in the lottery of questionnaire at the same time.

Warning

TK61 is a high-intensity lighting device and capable of causing eye damage, avoid shining the light directly into the eyes.

FENIXLIGHT LIMITED

Tel: +86-755-29631163/83/93 Fax: +86-755-29631181

<http://www.fenixlight.com>

E-mail: info@fenixlight.com

Address: 8/F, 2nd Building, Dong Fang Ming

Industrial Center, 33rd District, Bao' an,

Shenzhen 518133, China