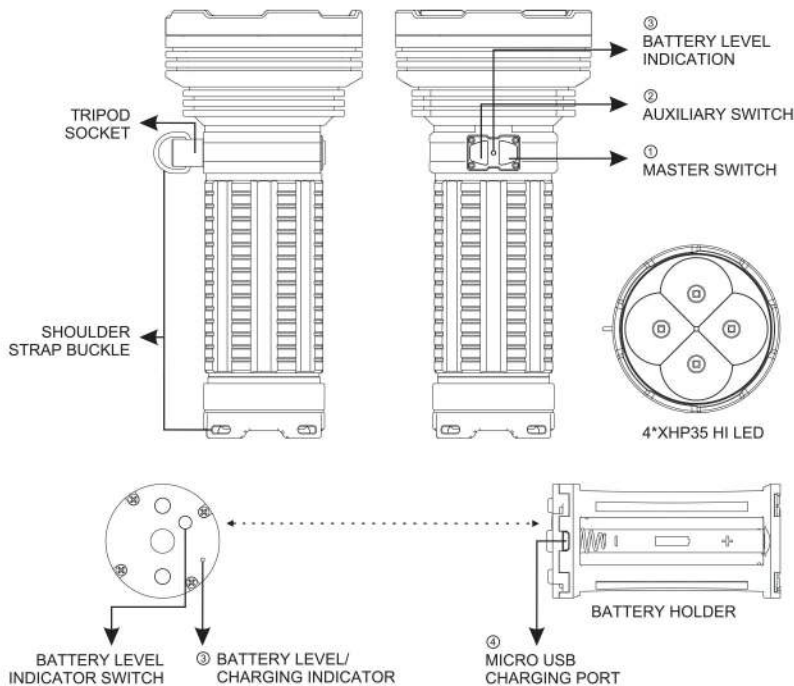




TK75 2018 Edition

MAX 5100 LUMENS

MICRO USB RECHARGEABLE BATTERY HOLDER



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(ENGLISH) TK75 Flashlight

- 4 Cree XHP35 HI LED's, with lifespan of 50,000 hours
- Powered by 4 18650 rechargeable Li-Ion batteries
- 188mm Length x 53mm Body diameter x 86 Head diameter
- 630 grams (excluding batteries)
- Max 5100 lumens output, 850m beam distance
- Micro USB rechargeable battery holder
- Momentary on turbo and strobe
- Back support system eases handheld fatigue
- Battery level indication, lockout function
- Dual stainless steel side switches for fast and convenient operation
- Digitally regulated output maintains constant brightness
- Reverse polarity protection, to protect from improper battery insertion
- Low-voltage warning reminds when battery charging is needed
- Made of durable aircraft-grade aluminum
- Premium type III hard-anodized anti-abrasive finish
- Toughened ultra-clear glass lens with an anti-reflective coating

Operating Instruction

Master switch: the right one, controls General mode and output selections.

Auxiliary switch: the left one, controls Flash mode output selections.

ON/OFF

ON
 With the light turned off, press and hold the Master switch for 0.5 seconds to enter General mode, press and hold the Auxiliary switch to enter Flash mode.

OFF
 With the light turned on, press and hold the Master or Auxiliary switch to turn off the light.

Mode Switching

In General mode, single click the Auxiliary switch to enter Flash mode.
 In Flash mode, single click the Master switch to enter General mode.

Output Selection

With the light on General mode, single click the Master switch to cycle through Eco—Low—Med—High I—High II—Turbo.

With the light on Flash mode, single click the Auxiliary switch to cycle through Strobe—SOS.

Instant Turbo

In any status with the light unlocked, press and hold the Master switch for 1.2 seconds to enter Turbo mode, click once on any switch to enter the last-used General mode.

Instant Strobe

With the light off and unlocked, press and hold the Auxiliary switch for 0.5 seconds to enter Strobe mode, or single click the Auxiliary switch on General mode to enter Strobe mode.

Intelligent Memory Circuit

The light remembers the last selected brightness level on General mode. When turned on again the previously used brightness level will be recalled.

Battery Level Indication

When the light is off, single click the Auxiliary switch, the battery level indicator between the switches will display the battery status for 3 seconds. (Single click the blue button on the battery holder to check the battery status with the battery level indicator display).
 Green constant on: saturated
 Green flashes: sufficient
 Red constant on: poor
 Red flashes: critical

*This only works on 18650 Li-Ion rechargeable batteries.

Lockout Function

Lock: With the light unlocked, simultaneously press the two switches for 3 seconds, the light will blink twice to indicate locked status.
Unlock: With the light is locked, simultaneously press the two switches for 3 seconds, the light will be unlocked and activated on last used brightness.
 In locked status, clicking or pressing the switches will activate 2 one-second blinks to indicate locked status.

Intelligent Protection

The light will accumulate a lot of heat when it is working at Turbo mode. When the light is overheated up to 65°C or above, the flashlight will automatically downshift the output to 2500 lumens; when the temperature is lower than 65°C, after 3-minute working on Turbo, the light will slowly downshift to 2500 lumens within 30 minutes, to protect from high surface temperature.

Low-voltage Warning

When the voltage level drops below the preset level with the light switched on, low voltage warning will be activated automatically, then the battery level indicator between the switches will display red to remind battery replacement or charging. The flashlight is programmed to step down automatically to a lower brightness level until Eco output is reached. To ensure normal use, the flashlight will not turn off until the battery level runs out or once the battery over-discharging protection activates.

Note: This only works on 18650 Li-Ion battery.

Charging

The battery holder features charging function with a standard Micro USB port. 1. Take the battery holder out of the light, plug the USB port of the charging cable into any USB power supply and plug the Micro USB side of the charging cable into the charging port of the battery holder.

2. The charging indicator will display red while charging, and will turn to green when fully charged.

Note: Avoid conductive object like coins, screws and keys when takes the battery holder out of the light, to protect from circuit damage caused by electrode short circuit.

Battery Replacement

Unscrew the tail cap to take out the battery holder, and then insert the batteries in accordance with the polarity marks. After loading the batteries into the holder, insert the holder with its convex top towards the light head. Screw the tail cap back on.

Technical Parameters

ANSI/PLATO FL1	GENERAL MODE						FLASH MODE	
	TURBO	HIGH II	HIGH I	MED	LOW	ECO	STROBE	SOS
OUTPUT	5,100 Lumens	2,000 Lumens	1,000 Lumens	450 Lumens	150 Lumens	50 Lumens	5,100 Lumens	150 Lumens
RUNTIME	2h 15min	3h	6h	17h 45min	46h	95h	/	/
DISTANCE	850m	517m	367m	257m	147m	85m	/	/
INTENSITY	180,600cd	66,800cd	33,600cd	16,500cd	5,400cd	1,800cd	/	/
IMPACT RESISTANCE	1m							
WATERPROOF	IP68, UNDERWATER 2M							

Note: The above-mentioned parameters (lab-tested by using 4 Fenix ARB-L19-3500 18650 rechargeable Li-Ion batteries) may vary between flashlights, batteries and environments.

Battery Specification

TYPE	DIMENSIONS	NOMINAL VOLTAGE	USABILITY
Fenix ARB-L18 Series	18650	3.6V/3.7V	Recommended ✓✓
Non-rechargeable Battery (Lithium)	CR123A	3V	Emergency !
Rechargeable Battery (Li-Ion)	18650	3.7V	Cautious* !
Rechargeable Battery (Li-Ion)	16340	3.7V	Banned ✗

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

*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.

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.
- To avoid accidental activation during storage or transport, please make use of the switch lockout function according to switch lock and unlock operation directives.
- When absolutely necessary, the flashlight can be powered by two 18650 rechargeable Li-Ion batteries (Due to the battery capacity, Turbo could not be used, reload the batteries) or by four CR123A batteries (Only a fixed brightness can be activated while other functions are not available). Unscrew the tail cap to take out the battery holder and insert the batteries into the

adjacent battery compartment in opposite directions (which can form a battery circuit) with the negative terminal toward the spring. Replace the battery holder and screw the tail cap back on. Be noted that the runtime will be shortened and battery life could be reduced.)

The runtime of this flashlight can be extended with the addition of each runtime-extended kit. Runtime will be doubled with each kit addition but brightness levels will not be altered.

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:

- The batteries need replacing.
- Replace batteries (Ensure battery is inserted according to the manufacturer's specifications).
- The threads, PCB board contact or other contacts are dirty.
- Clean the contact points with a cotton swab soaked in rubbing alcohol.
- The battery protection board is in a protective state and unable to free from it. Solution: Take out the battery holder and replace it, or replace the batteries.

If the above methods don't work, please contact your authorized distributor.

Included

1 x shoulder strap, 1 x lanyard, 1 x Micro USB charging cable, 2 x spare O-ring

Warning

This 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.