

# Fenix TK72R Flashlight

## Technical Parameters

ANSI/PLATO FL1	General Mode		Flash Mode
	Highest	Lowest	Strobe
 <b>Output</b>	9000 Lumens	100 Lumens	4000 Lumens
 <b>Runtime</b>	50min	50h	/
 <b>Distance</b>	286m	31m	/
 <b>Intensity</b>	20,500cd	240cd	/
 <b>Impact Resistance</b>	1m		
 <b>Waterproof</b>	IP68, underwater 2m		

Notice: The abovementioned parameters (lab-tested by using Fenix ARB-L45-14000 rechargeable Li-ion battery pack) may vary between environments and flashlights.

Due to the protective downshifting setup of intelligent overheat, refer to the runtime graph to check actual runtime.

- Uses 3 Cree XHP70 LED with lifespan of 50,000 hours - max 9000 lumens
- **Included** 7.2V/7000mAh Li-ion battery pack
- 156mm Length x 59mm Head diameter x 50mm Body diameter
- 412 grams (excluding battery)
- OLED digital screen displays: output, runtime, battery status
- Micro USB charging, USB discharging
- Inner waterproofing treatment of **USB&Micro USB port**
- Three switches in the neck - easy and fast operation
- Three output modes: Low, High and Memory
- Instant Turbo

- Lockout function
- Low-voltage warning function
- Digitally regulated output maintains constant brightness
- Intelligent overheat protection protects from high surface temperature
- Reverse polarity protection to protect from improper battery insertion
- Made of durable high-strength and oxidation-resistance aluminum
- Premium type HAIII hard-anodized anti-abrasive finish
- Toughened ultra-clear glass lens with an anti-reflective coating

## Operation Instructions

### ON

With the light off, press and hold the switch  for 0.5 seconds to turn on the light with the last used brightness.

With the light off, press and hold the switch  for 0.5 seconds to turn on the light with 200-lumen output.

With the light off, press and hold the switch  for 0.5 seconds to turn on the light with 5000-lumen output.

### OFF

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

### Output Selection

With the light turned on:

(1) Output ranges from 100 lumens to 9000 lumens

(2) Single click the switch , for each single clicking, the output will increase 100 lumens. Press switch  over 0.5 seconds, then the output will increase 1000 lumens for each pressing.

(3) Single click the switch , for each single clicking, the output will decrease 100 lumens. Press switch  over 0.5 seconds, then the output will decrease 1000 lumens for each pressing.

### Strobe

In any status, press and hold the switch  over 1.2 seconds to enter strobe, click once again to return to the last used brightness.

### Instant Turbo

With the light switched on, single click the switch  to enter Turbo, click once again to return

to the last used brightness.

### Lockout Function

**Lock:** With the light switched off and unlocked, continuously click the switch  twice within 0.5 seconds, the OLED screen will display locking icon, indicating the light enters locked status.

**Unlock:** With the light switched off and locked, continuously click the switch  twice within 0.5 seconds, the light will be unlocked and activated on last used brightness. In locked status, clicking or pressing any switch, the light will be unresponsive to indicate locked status.

### Battery Level Indication

With the light switched off, single click the switch , the OLED screen will display the battery status percentage, and then goes out in 5 seconds.

## Charging and Power Bank Function

**Charging:** Plug the USB side of the charging cable into the any USB power supply, uncover the anti-dust cap of the light. And plug the Micro USB side of the charging cable into the charging port of the light. When charging the OLED screen will display charging icon, and current battery level will be displayed. The normal charging time is about 6 hours.

**Power bank function:** Plug the USB side of any digital device into the USB side of the light. Then the light will display discharging icon when discharging begins. The max discharging current is 2A.

Note:

1. The light can be turned on when it is in charging and discharging status, but only 100 lumens output can be reached.
2. Once charging is completed, be sure to remove the charging cable and replace the anti-dust cap to protect from dust and foreign objects.
3. Recharge a stored light every four months to maintain optimum performance of the battery.

## Intelligent Memory Circuit

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

## Intelligent Overheat Protection

The light will accumulate a lot of heat when it is working at high output levels. When the light is overheated up to 65 °C or above, the output will be automatically downshifted by the step of 1000 lumens until 2500 lumens is reached to reduce the temperature. High output levels can be reselected by pressing switch  when the temperature is lowered than 65 °C.

## Low-voltage Warning

When the voltage level drops below the preset level, the flashlight is programmed to downshift by the step of 1000 lumens until 100 lumens is reached. Until the battery protection circuit activates to turn off the flashlight.

## Battery Specifications

The standardly configured battery is ARB-L45-14000 (7.2V/7000mAh), Fenix batteries with the same type can be used.

## Battery Replacement

Unscrew the tail cap to insert the included battery which features reverse polarity protection, so the anode can be neglected, then screw the tail cap back on.

## Included

1 x TK72R flashlight, 1 x ARB-L45-14000 battery, 1 x Lanyard, 1 x Holster, 2 x Spare O-rings, 1 x Micro USB charging cable, 1 x Adaptor, 1 x User manual, 1 x Warranty card

## Usage and Maintenance

- Disassembling the sealed head can cause damage to the light and will void the warranty.
- Unscrew the tail cap half a turn or take out the battery to prevent accidental activation during storage or transportation.
- 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, shine intermittently or even fail to illuminate for the following reasons:
  - A: The battery needs replacing.  
Solution: Replace battery (Ensure battery is 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 contact your authorized distributor.

## 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.