

Fenix UC52 Flashlight

Technical Parameters

ANSI/PLATO FL1	General Mode					Flash Mode	
	Turbo	High	Med	Low	Eco	Strobe	SOS
 Output	3100 Lumens	1000 Lumens	350 Lumens	100 Lumens	15 Lumens	1000 Lumens	100 Lumens
 Runtime	42 min	2h 45min	8h 15min	27h 30min	82h 30min	/	/
 Distance	253m	145m	85m	44m	18m	/	/
 Intensity	16,000cd	5,200cd	1,800cd	490cd	80cd	/	/
 Impact Resistance	1m						
 Waterproof	IP68, underwater 2m						

Notice: The abovementioned parameters (lab-tested by Fenix using the built-in 7.2V/3500mAh Li-ion battery pack, depending on the original output of each mode) may vary between environments and flashlights.

The flashlight is configured to downshift brightness as battery level decreases. Refer to the runtime graph to check actual runtime.

- Cree XHP70 LED with lifespan of 50,000 hours
- Built-in 7.2V/3500mAh Li-ion battery pack
- 153.5mm Length x 42mm Head diameter x 26mm Body thickness
- 276 grams (including battery)
- OLED screen digitally displays current output level, battery status and remaining runtime
- Micro USB charging, inner waterproofing treatment

- Instant strobe
- Lockout function avoids accidental activation
- Digitally regulated output maintains constant brightness
- Intelligent overheat protection, to protect from high surface temperature
- Made of aluminum alloy, fitted with stainless steel bezel ring
- Toughened ultra-clear glass lens with an anti-reflective coating

Operating Instruction

Switches



Master①: controls General mode and output selection



Auxiliary②: controls Flash mode and output selection

ON/OFF

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

OFF: With the light switched on, press and hold either switch for 0.5 seconds 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

In General mode, single click the Master switch to cycle through Eco→Low→Med→High→Turbo.

In Flash mode, single click the Auxiliary switch to cycle through Strobe→SOS.

Note: When the battery level gets extremely low (about 4%), the light can only be lit up on Eco. The Flash mode will be locked and irresponsive to any operation.

Instant Strobe

With the light unlocked and switched off, press and hold the Auxiliary switch for 0.5 seconds, or single click the Auxiliary switch on General mode, the light can enter instant strobe.

Lockout Function

Lock: With the light unlocked, simultaneously press the two switches for 3 seconds, the light will blink at Low 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 at Low to indicate locked status.

Battery Level Indication③

With the light switched off, single click the Auxiliary switch, the OLED screen will display the

battery status percentage, and then goes out in 5 seconds.

Charging④

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 , and current battery level will be displayed.

When the light is fully charged, the OLED screen will display . 5V/2A adaptor is recommended and the normal charging time is about 4 hours.

Note: 1. Once charging is completed, be sure to remove the charging cable and replace the anti-dust cap to protect from dust and foreign objects.

2. 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.

Overheat 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 output will be automatically downshifted to half of turbo to reduce the temperature, and the screen will display Level 5 -.

Usage and Maintenance

Ⓢ Disassembling the sealed head can cause damage to the light and will void the warranty.

Ⓢ The flashlight may flicker, shine intermittently or even fail to illuminate for the following reason:

A: Poor battery level.

Solution: Charge the light in time

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

Included

UC52 flashlight, Micro USB charging cable, holster, lanyard, user manual, warranty card

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.