Fenix RC40 Flashlight

What amazes all must be RC40, as a rechargeable flashlight features super high output and tough performance, its super high output reaches 6000 lumens and ultra-long distance goes 730 meters. Dual side switch is flexible in controlling five output modes, Strobe and SOS. Tailored rechargeable Li-ion battery pack, plus charging and discharging port with protective circuit, make it super efficient in battery charging, and also enable it supply for other digital devices. Back support system releases hand fatigue, RC40 is invincible companion in searching, rescuing, and self-driving illumination.

Technical Parameters

ANSI/PLATO FL1	General Mode					Flash Mode	
	Turbo	**High**	**Mid**	**Low**	**Eco**	**Strobe**	**SOS**
Output	6000 Lumens	4000 Lumens	2000 Lumens	500 Lumens	45 Lumens	6000 Lumens	500 Lumens
Runtime	1h*	1h 50min	4h 5min	18h 15min	125h	/	/
Max Distance	730m						
Max Intensity	133200cd						
Impact Resistance	1m						
Waterproof	IPX-8, underwater 2m						
Accessories	Shoulder strap, AC adapter, DC car charger, spare O-ring, anti-dust plug						

Notice: The above-mentioned parameters (lab-tested by using Fenix Li-ion battery pack 7.4V/7800mAh) are approximate and may vary between flashlights, batteries and environments.
*Due to intelligent over-heat protection, the runtime of the Turbo brightness level is the accumulated time.

- ◎ Uses Cree XM-L2 U2 LED with a lifespan of 50,000 hours
- ◎ Tailored 7.4V/7800mAh rechargeable Li-ion battery
- ◎ 272mm Length x 52mm Body Diameter x 108mm Head Diameter
- ◎ 1234-gram weight (including battery)
- ◎ AC adapter and DC car charger supportable
- ◎ Discharge function serve as portable power bank
- ◎ Back support system, effectively release holding fatigue
- ◎ Digitally regulated output maintains constant brightness
- ◎ Built-in over-charge, over-discharge protection for safer user friendliness
- ◎ Made of durable aircraft-grade aluminum
- ◎ Premium type Ⅲ hard-anodized anti-abrasive finish
- ◎ Toughened ultra-clear glass lens with anti-reflective coating

Operation Instruction

 Master switch: controls General mode and output selection.

 Auxiliary switch: controls Flash mode and output selection.

ON

With the light off, press and hold the master switch for 0.5 seconds to enter into General mode, press and hold the auxiliary switch for 0.5 seconds to enter into Strobe.

OFF

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

Mode Switching

In General mode, click the auxiliary switch to enter into Strobe.
In Flash mode, click the master switch to enter into General mode.

Output Selection

In General mode, click the master switch to cycle through Eco→Low→Mid→High→Turbo.
In Flash mode, click the auxiliary switch to cycle through Strobe→SOS.

Intelligent Memory Circuit

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

Lock-out Function

Lock: Simultaneously press the two switches for 3 seconds (when the light is unlocked), the light will blink twice at Low and then go out.

Unlock: Simultaneously press the two switches for 3 seconds (when the light is locked), the light will be unlocked and power on the last-used output level.

Note: In locked state, the light only responds unlocking operation, press on any switch, the light will blink twice at Low to remind the light is under locked state.

Intelligent Over-heat Protection

The light will accumulate a lot of heat when it is working at Turbo or High output levels. When it is detected at 65℃ or above, the light will automatically and gradually lower the output to prevent overheating. The brightness will automatically return to the normal level if the light is detected below 65℃.

Battery Level Indicator

There are four LED indicator lights at the tail of the flashlight. Click the round tail switch the indicator lights will be on for three seconds. The more indicators are lit up, the more battery power will remain. Like this, four indicators illume indicating at least 80% power remaining, one illumes indicating more than 20% remaining, and one flashes indicating 20% at most.

Over-discharge Protection

When the battery voltage is extremely low, the light will turn off automatically to protect the Li-ion battery from being damaged.

Low-voltage Downshift

When the voltage level drops below the preset level, the flashlight is programmed to downshift to a lower brightness level until to the lowest output to remind you to recharge the flashlight. To ensure normal use, the flashlight will not turn off automatically until Over-discharge Protection stops the battery from working.

Charging and Discharging

Charging:

Plug the power adapter into an electrical outlet and confirm the LED indicator on the power adapter is solid yellow. Uncover the round charging port of the flashlight tail and connect it to the power adapter. Then the four blue indicator lights at the tail of the flashlight flash clockwise, indicating the charging process has begun. All the four blue lights turn solid when charging is completely done. The normal charging time is about 3.5 hours.

Discharging:

Connect other device to the USB port of the flashlight. Then press and hold the round tail switch for one second, the four blue indicator lights start to flash counterclockwise, indicating the discharging process has begun. The max loading capacity is 5V/1.5A.

Note:

(1) Once charging is completed, be sure to plug the anti-dust covered.

(2) Charge the light when it is off to permit full and fast recharging.

(3) When charging and discharging is simultaneously detected, charging is prior to discharging.

(4) Please recharge a stored RC40 every four months to maintain optimum performance of the battery.

Usage and Maintenance

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

◎ 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 flicker, shine intermittently or even fail to illuminate for the following reasons:

Reason A: The battery lacks power.
Solution: Recharge the flashlight.
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.

Product Warranty

Fenix will replace products with documented manufacturing defects within 15 days of purchase and repair a light free of charge within 5 years (Rechargeable battery: 1 year) of purchase if problems develop with normal use; if repair is required after 5 years from the date of purchase, Fenix will charge for parts. The total repair fee is dictated by the cost of the replaced materials.

Product Registration

Fenix suggests you register your product on the official website for Fenixlight Limited (www.fenixlight.com). You can get an extra six-month warranty period once you have successfully registered.

Warning

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

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