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## ABOUT XTAR

The name XTAR, derived from X-STAR, representing the innumerable unknown stars, brings us an infinite imagination and expectation. XTAR logo consists of spherical figure and characters, implying the modest spirit of our company, XTAR being tolerant to diversity and our aspirations towards continuing development and innovation.

In 2006, XTAR logo came into conception. In 2007, Shenzhen Winners Brother Import & Export Co., Ltd was established in Shenzhen, China. Later in 2009, in order that XTAR brand better marches on the international markets, Hong Kong XTAR Co., Ltd was established in Hong Kong.

By adhering to the philosophy of the quality of China and the unswerving pursuit of brand construction and product quality, we've already sold XTAR products to over 120 countries and regions like USA, Germany, Australia, Japan, North Korea, Russia

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etc with distributors all over the world. Meanwhile, XTAR brand has successfully registered in many countries and obtained over 30 patents. XTAR products mainly have passed CE, ROHS certifications; the adaptors assorted have also gained many international authentication certifications, such as CE, UL, PSE, SAA, MEPS, C-Tick etc.

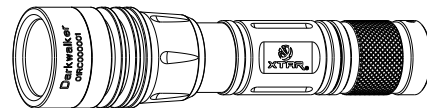
With prudent and innovative personalities and courage to face challenges, XTAR staffs dedicate themselves to creative design, high quality and impeccable after-sale service, which benefit every customer. Because of your supports and trust, XTAR becomes steady and extraordinary and will be better.

We always believe China's Got Quality.

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## INTRODUCTION

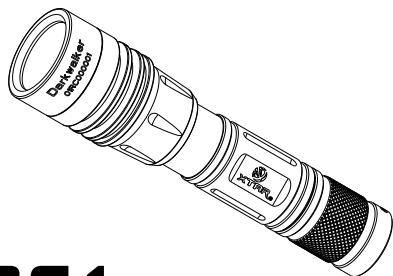
XTAR RC1 is a very simple and compact rechargeable daily use flashlight. With only two modes Low and High make it very convenient to use. Including a piece of 18650 rechargeable Li-ion battery and a Standard USB cable, you no longer need to worry about the battery life because it's rechargeable and can be recharged by any Micro USB power supply or chargers. RC1 is built with professional charging system, with TC/CC/CV charging method and 1A max charging current making it fast and safely and it can even revive your over discharged battery. You deserve to have such a smart daily use flashlight.



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# RC1

XTAR FLASHLIGHT MANUAL

## FEATURES

- Use High Efficiency CREE XP-G2 S2 LED.
- Maximum output of 450 lumens.
- Long beam distance of 235 meters.
- Micro USB charging port with protected cover prevents water and dust.
- Waterproof with IPX-8, under water 0.5 meters.
- Dual Springs design with shock resistance and also fits well with flat-top battery.
- Intelligent safe circuit with TC/CC/CV charging system.
- Max charging current 1A makes charging fast.
- Precise cut off voltage at 4.2V when battery fully charged.
- Red/Green LED indicator near the port show charging status.
- Overcharging protection.

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- Reverse polarity protection and short circuit protection.
- OV activation function can wake up over discharged batteries.
- Excellent heat dissipation design helps to extend the LED lifespan.
- Aircraft-grade 6N01 Aluminum Alloy Material.

## TECHNICAL PARAMETER

ANSI	Gear	
	Low	High
Luminance	60 Lumens	450 Lumens
Run Time	18650 2200mAh	15 Hours
	18650 3100mAh	20 Hours
Beam Distance	235m	
Max Intensity	13850 cd	
Impact Resistance	1.5 m	
Water Resistance	IPX8	
LED	CREE XP-G2 S2 LED	

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Work Voltage	2.75V-4.2V
Battery	1*18650/18700 Lithium Battery
Charging Specs	Input 5V 1A, Output 4.2V 1A
Switch	Tail cap Click On/Off Switch
Size	φ34.5mm (head dia)×φ25.5mm (body dia) ×φ24.5mm (tail dia)×143.5mm (length)
Net Weight	126g (Battery, USB Cable and Packaging excluded)
Package contents	<input type="checkbox"/> Flashlight <input type="checkbox"/> USB Cable <input type="checkbox"/> 18650 Battery
	<input type="checkbox"/> lanyard <input type="checkbox"/> O-ring <input type="checkbox"/> Manual <input type="checkbox"/> Warranty card
Optional Accessories	<input type="checkbox"/> Wall Adaptor <input type="checkbox"/> Car Adaptor

**Notice:** The above-mentioned parameters were lab tested, and are approximate. Parameters may vary between flashlights/chargers, batteries, and environments.

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## USAGE

### ■ Turning on or off

- To switch ON: Press the switch button on the tail cap until a “click” is heard.
- To switch OFF: Press the switch button on the tail cap again until another “click” is heard .

### ■ Selecting modes

- When the light is off, press the switch button hard to change the brightness level within two seconds in the order of Low→High. The light will always starts from low when the light is off after two seconds without any operation.
- Momentary switch function: when the light is off, you can also press and hold the switch slightly to change the brightness level, when the output is at low or high mode you need, press the switch hard until hear a “click” sound to confirm the mode.

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- The Green LED indicator will turn on after battery is the fully charged, then press the tailcap switch to turn off, and pull out the USB charging cable, screw the USB protected cover back, charging is completed. It takes approximately 4.6 hours to fully charge the light with one Panasonic 18650 3100mAh protected battery inside.

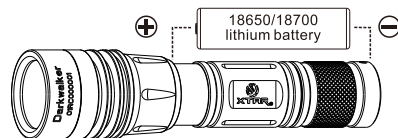
## NOTICE

- While charging the light will automatically detect the battery's voltage, if the voltage is very low it will start the revive function to wake up the battery, and restart to recharge the battery after the voltage is increased. Because of different battery types, capacities and over-discharge conditions, the battery revive time may vary. Heavily over-discharged battery may not be able to be waken up.

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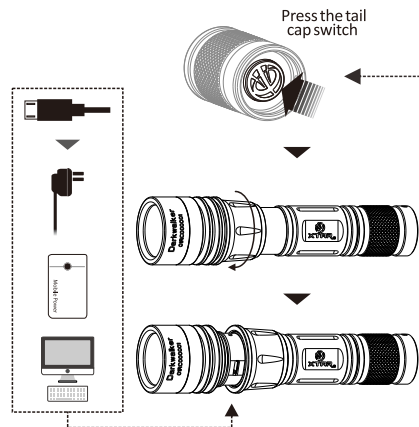
### ● Charging

Insert one 18650/18700 rechargeable lithium ion battery with positive pole pointing toward the light head, then screw the tail cap.



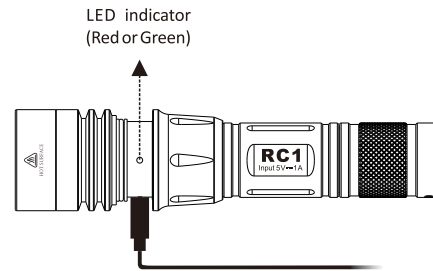
- Press the tail cap to turn the light on, unscrew the USB protected cover to reveal the charging port, plug the Micro USB end of the USB cable into the light's charging port, and the other end to a wall adaptor (input 5V/1A) or other device's USB port.

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- Then the light output will be off, and the light will start to detect the battery status, the Red LED indicator beside the charging port will turn on to indicate the charging progress.



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## WARRANTY

- 15 days free replacement. We will repair or replace a Product within 15 days of purchase if it is afflicted with a manufacturing defect. If the problem calls for a replacement, we will replace the Product with the same model as the one you bought. If the model has been discontinued, customers will receive a product with similar or improved performance.
- 24 months free repair. We offer free repair within 24 months of purchase if problems develop with normal use.
- Limited lifetime warranty. If problems develop after 24 months of the purchase date, we will charge for parts. The total repair fee will assess according to the cost of the replaced materials. If damage to the charger is grave, XTAR will contact distributors with a quote who should contact the customers to decide whether to exchange the parts or not. Freight should be paid by distributors or customers.
- (This warranty is not applicable for damages cause by artificial damage or intentional force.)

## WEBSITE & ANTI-FAKE INQUIRY

- Welcome to visit our company website to get more information.
- <http://www.xtarlight.com>  
Follow us on Facebook:  
[www.facebook.com/ShenzhenXTAR](http://www.facebook.com/ShenzhenXTAR)
- Anti-fake inquiry: A group of eighteen-digit number could be gained by scraping the anti-counterfeiting label on our product or package. Then, input it to the corresponding query window in our service column of our official website to distinguish the product's authenticity. The serial number does the same work.
- Thank you for choosing our excellent products, your satisfaction and feedbacks are essential to our progress.



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