



XTAR[®]



XTAR LED Flashlight-**B01 II**

Instruction manual

HONG KONG XTAR CO., LTD



COMPANY BROCHURES

Hong Kong XTAR Co., Ltd is a company based in Shenzhen China which focuses on flashlight research, production and sales. Shenzhen is China's economy and finance trade center. Over the years our company has entered a rapid development period and are currently utilizing its acquired professional skills towards advanced research in flashlight technology.

Thanks to close cooperation with other companies from home and abroad our company's production capacity and scale has a continuous increase. This close cooperation has aided Xtar Co in keeping pace with the fast changes in lighting technology. So far the products from our company have been exported to more than 40 countries including USA, UK, Japan, Germany, France, Norway, Australia etc.

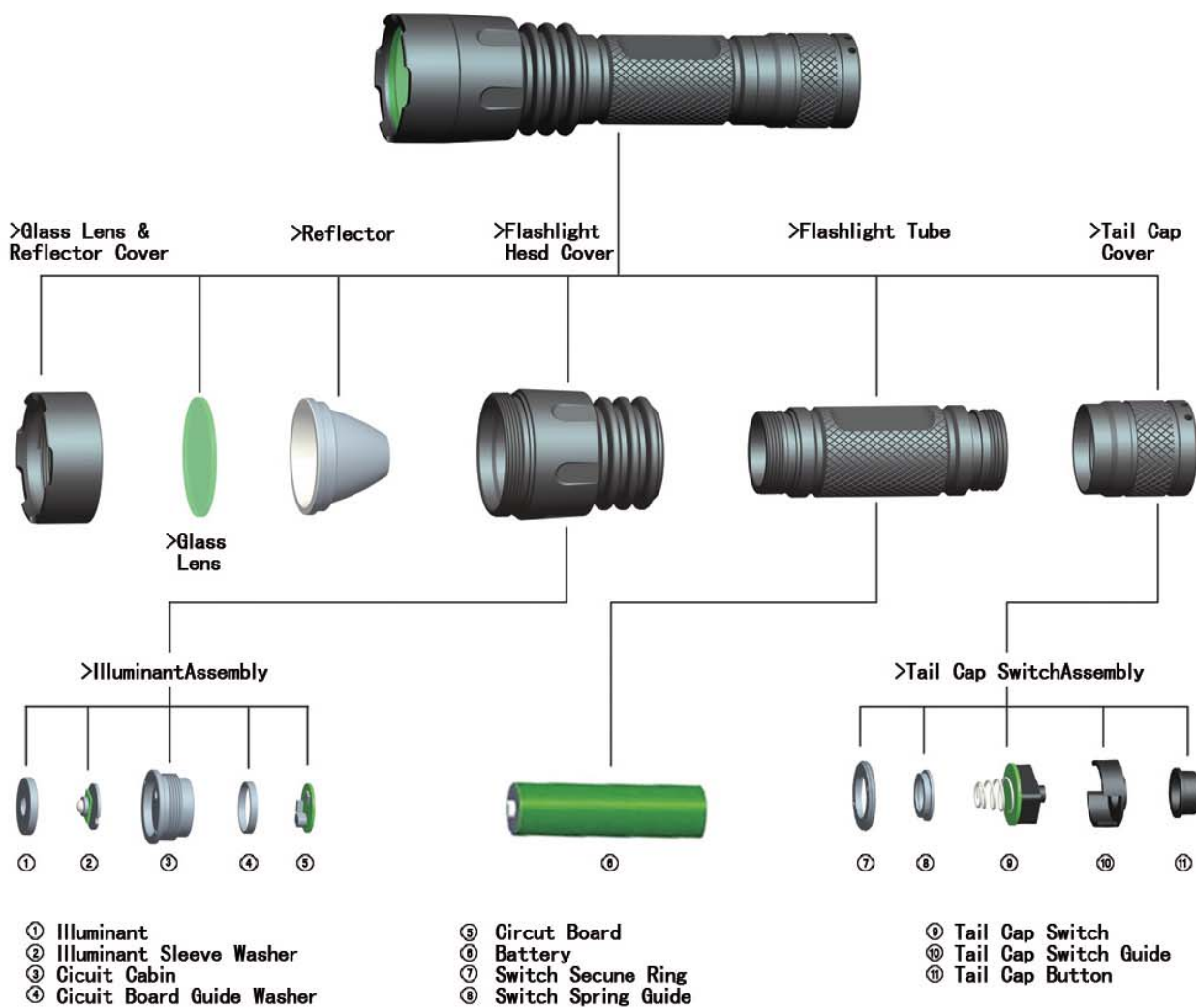


“Quality First, Client Paramount and Service Creditable” is always the management principle of our company. The staff in our company are committed to the development of the company with high sense of responsibility. In order to optimize industrial structure and establish an excellent flashlight brand, we strive to introduce high quality control system and advanced technology as well as enhancing the cooperation with our partners. We will be always responsible for the products you purchase from us.

Products overview

XTAR B01II is a realistic type flashlight with modes DIY function which you can cancel or recover the Mid/Low/Strobe/SOS modes at will. B01II is made of aircraft 6061 aluminium alloy, has a fashionable simple outlook, anti-slip design, human engineering medium size and tail cap switch which make B01II a easy operation flashlight.

product schenatic diagram





Specifications

ANSI	Illumination levels				
	Low	Mid	High		
Luminance	18Lm	320Lm	800Lm		
Duration	180h	3h18min	1h18min		
Max Range	118m				
Max Intensity	3500cd				
Impact Resistance	1m				
Water Resistance	IPX-6				
Bulb	CREE XM-L T6 LED				
Crust Materials	Anodized 6061 Aircraft Aluminium Alloy				
Working Voltage	2.5-4.2V				
Battery	1 x 17670/18650/18700				
Switch	Tail cap Switch				
Size	Ø 36mm (Head dia) x Ø 25mm (Body dia) x 140mm (length)				
Net Weight	122g; (Excluded Battery)				
Additional Functions	LED emitter Xpression				
Package Contents	<input type="checkbox"/> Flashlight <input type="checkbox"/> Charger <input type="checkbox"/> Lanyard <input type="checkbox"/> Holster <input type="checkbox"/> Adaptor <input type="checkbox"/> O-ring <input type="checkbox"/> Standby switch <input type="checkbox"/> Switch cap <input type="checkbox"/> Car adaptor				



Usage

1. Place battery: unscrew tail cap cover, place 1*18650/18700 or 2*CR123A/16340 battery's positive pole toward the head, then screw on.

2. On / Off: Press down on tail cap switch, the light is on when you hear a "click"; press again the light is off when a second "click" is heard.

3. Mode's change: When light is on, just a gentle touch not hard press or "click" is heard will change the mode. The High, Mid, Low, Strobe and SOS modes will turn on one by one following each gentle consecutive touch.



Tail Cap Switch

4. B01II's circuit has Memorial function.

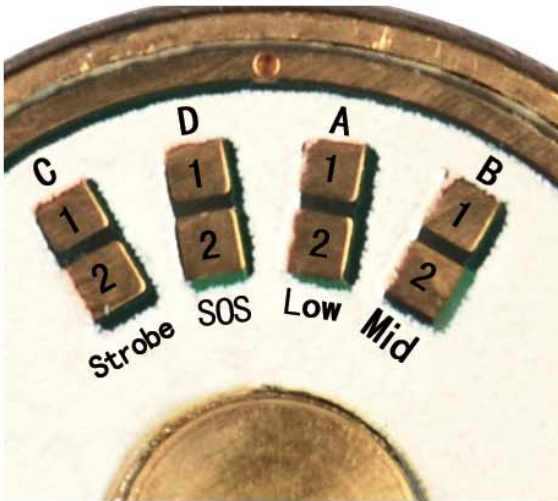
■ **Notice:**

Do not radiate or direct light towards eyes, serious injury or blindness could occur from misuse.





Luminance mode's cancel and recover



1 - 1

1. B01II is designed with 5 modes:
 - Low, Mid, High, Strobe, and SOS.
2. It's a creative DIY design of our company, customer can DIY or require Mid, Low, Strobe, SOS these 4 modes by cancelling or recovering the contactor.
3. When the light head is removed, you can see 4 pairs of contactors from right to left : Mid, Low, SOS and Strobe (As picture 1-1 showed).

B01II Modes Combinations

Modes Sequence	C	D	A	B	Combinations
0	☐☐☐☐	☐☐☐☐	☐☐☐☐	☐☐☐☐	Low, Mid, High, Strobe, SOS
1	☐☐☐☐	☐☐☐☐	☐☐☐☐	■	Low, High, Strobe, SOS,
2	☐☐☐☐	☐☐☐☐	■	☐☐☐☐	Mid, High, Strobe, SOS,
3	☐☐☐☐	☐☐☐☐	■	■	High, Strobe, SOS,
4	☐☐☐☐	■	☐☐☐☐	☐☐☐☐	Low, Mid, High, Strobe,
5	☐☐☐☐	■	☐☐☐☐	■	Low, High, Strobe,
6	☐☐☐☐	■	■	☐☐☐☐	Mid, High, Strobe,
7	☐☐☐☐	■	■	■	High, Strobe,
8	■	☐☐☐☐	☐☐☐☐	☐☐☐☐	Low, Mid, High, SOS,
9	■	☐☐☐☐	☐☐☐☐	■	Low, High, SOS,
10	■	☐☐☐☐	■	☐☐☐☐	Mid, High, SOS,
11	■	☐☐☐☐	■	■	High, SOS,
12	■	■	☐☐☐☐	☐☐☐☐	Low, Mid, High
13	■	■	☐☐☐☐	■	Low, High
14	■	■	■	☐☐☐☐	Mid, High
15	■	■	■	■	High

remarks: ■ contactor connected ☐☐☐☐ contactor disconnected

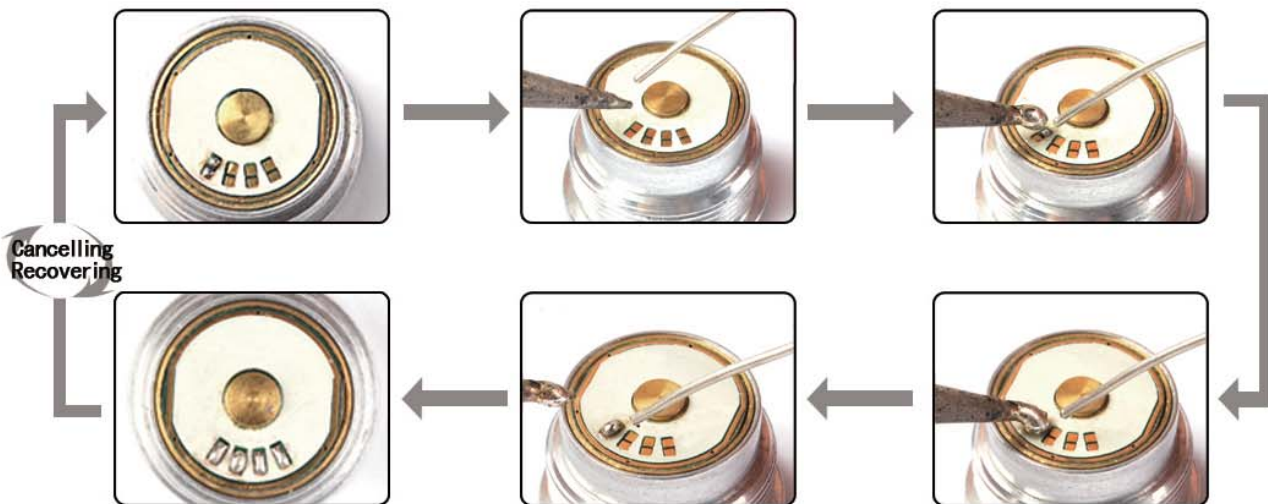
4. Customer can choose any modes at will before purchase, or turn to professional for assistance to DIY these modes. Weld or remove the contactor will cancel or recover the corresponding mode. (As picture 1-2 showed)

Mode	Cancelling	Recovering	Mode	Cancelling	Recovering
A.low mode	A1 and A2 connect	A1 and A2 disconnect	C.strobe mode	C1 and C2 connect	C1 and C2 disconnect
B.mid mode	B1 and B2 connect	B1 and B2 disconnect	D.SOS mode	D1 and D2 connect	D1 and D2 disconnect

1 - 2

Mode DIY specific operations procedures (As picture 1-3 showed)

- 1) Disconnect 4 pairs contactors.
- 2) Use electric soldering iron and solder to connect contactor, delete cancel mode.
- 3) Use electric soldering iron to melt the solder, recover the mode.



1 - 3

■ Remark: Please don't solder soldering tin to different modes or inner circuit circle, or will lead to short circuit or damage.(As picture 1-4 showed)



1 - 4



Maintenance & Aftersale

- Use qualified battery, avoid using used and new battery together. To avoid over drain the battery, XTAR protected Li-ion batteries are recommended
- When flashlight is not in use or battery is exhausted, removal of battery from unit is recommended.
- When installing battery, follow the pole indication direction to prevent damage to the circuit board.
- Replace O-ring when diminished or worn. Lubricate O-ring regularly to maintain water resistance and keep the unit sealed.
- Clean contactor regularly. Possible reasons for malfunction of unit:

Possible Malfunctions	Solutions
1. Battery exhausted.	Change to specialized battery.
2. Circuit, PCB contactor or other contactor poorly connected.	Inject lubricant, screw down the ring on the Head and Tail.
3. Parts' breakage or disconnection of head, body or tail cap switch.	

- If unit still fails to operate, please contact your dealer or service center where unit was purchased for warranty service.
- How to lengthen flashlight's service life:
 - A. Flashlight's LED and body will be poor contacted because of circuit's oxidation and friction during daily use. We suggest clean thoroughly the contactor and lubricate the thread once a month.
 - B. The head of the light is not anodized processed, in order to reduce the circuit's loss, we don't suggest to open light's head unless you have to do cleaning and maintaining.

- 15 days free replacement: We will repair or replace a light within 15 days of purchase if it is afflicted with a manufacturing defect. If the problem calls for a replacement, we will replace the light 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 one.
- 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 be assessed according to the cost of the replaced materials. If damage to the light is grave, XTAR will contact distributors with a quote who should then contact the customers to decide whether to exchange the parts or not. Freight should be paid by distributors or customers.
- Suggestions: We strongly recommend log on XTAR official website to register to be a VIP member, your guarantee period will add a half year automatically after your input information approved.
- This warranty is not applicable for damages cause by artificial damage or intentional force.

Guidelines for Free VIP Member Service Register

In order to offer better after sale service and build up unimpeded communication platform, XTAR found the FREE VIP Member Service system. Here are the guidelines and benefits for VIP register:

1. Please log on www.xtarlight.com, click the <Service> button, then the <VIP service > button, all you have and only to do is to fill your brief information and light's details as our simple requirements.
2. To show sincerity and thank for your kind support, XTAR will automatically extend a half year guarantee period after your input register information approved, and every year we will draw some members at random to attend our such as free test sample activities with lavish essentials and value-added privileges.

Thank you for choosing our excellent products, your satisfaction and feedbacks are the power of our progress.

RoHS **CE**





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