

## Usage and Maintenance

- Please don't disassemble the sealed head, doing so can cause damage to the flashlight.
- High-performance flashlights require batteries capable of high current discharge. We strongly recommend the use of rechargeable batteries for cost-effective high performance lighting.
- Please take your battery out of the flashlight if you are not planning to use it for prolonged periods, to avoid depletion and leaking of the battery content, potentially resulting in damage to the flashlight.
- Please replace the O-ring if it becomes damaged after prolonged use. Lubricate the O-rings regularly in order to avoid erosion of the rubber. Doing so will also maintain the flashlight properly sealed from water;
- Clean the contacts of your light periodically, especially when the flashlight flickers abnormally or does not seem to light up.
- If the light does not seem to work properly, one of the following may be the cause:  
Cause 1: The batteries are depleted or damaged and need to be replaced.  
Solution: Replace the batteries (confirm the correct installation of the positive and negative poles).  
Cause 2: The threads, PCB board contacts, or other contacts are contaminated.  
Solution: clean the contact points with an alcohol-soaked cotton swab.  
If the above methods do not solve the issue, refer to the warranty policy and contact your distributor.

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## Product Warranty

Acebeam guarantees flashlight against defects in material and workmanship. Flashlight products that are found to be defective under normal use within 24 months of the period of purchase date will be repaired or replaced without charge. This warranty does not cover damage caused by accident, unreasonable use or product alteration. Failure to follow the general maintenance directions could result in damage to your flashlight that may not be covered by Acebeam warranty.

If this flashlight should prove defective, the product will be repaired or replaced under the above terms. Please contact Acebeam or your original Acebeam dealer for warranty return instructions.

## Warning

K50 is a high intensity lighting device and capable causing eye damage, avoid shining the light directly into the eyes.

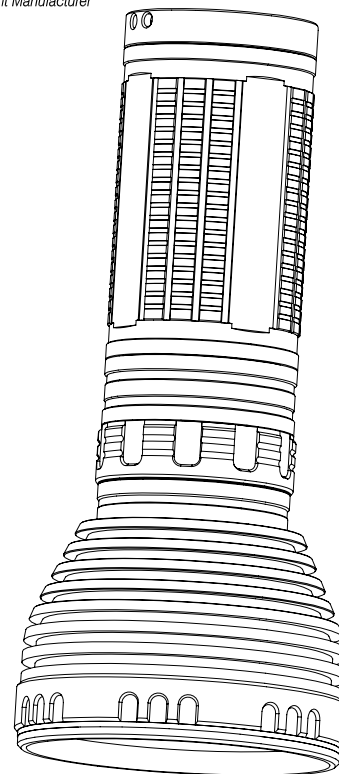
It's better for you to use Acebeam's batteries which have circuit board protection.

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**ACEBEAM™**  
An Excellent Manufacturer



**ACEBEAM K50**  
Max 1600 Lumens(XM-L2)

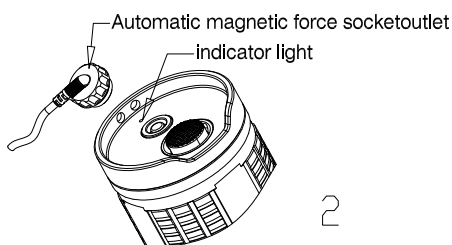
User Manual

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## About ACEBEAM K50

- This Acebeam K50 flashlight's versatile modes of output are easily accessible by simply rotating the ring. All modes are completely silent, allowing for mode selection without detection.
- K50 support real time electric quantity display, and the following illustration apply to the highest lumens output state.
- There is a battery indicator LED located on the rear tailcap of the flashlight: if the indicator light shows green, it means the batteries' capacity is sufficient and more than 50% battery capacity is available. If the batteries' capacity is 30%-50%, the indicator light will display orange. If the indicator light shows red, it means the batteries' capacity is lower than 30%. In case of very low electric capacity (less than 10% of the total electric capacity) for critically low battery capacity, the indicator light will show red and flicker. We suggest you charge the flashlight when the brightness of flashlight decreases significantly. In case of battery failure, please charge the batteries.
- Charging method: When the indicator LED at the flashlight tailcap is red and flickering, the batteries need to be charged. As shown in the figure, put the magnetic charging interface close to the charging position at flashlight tail, it will be attracted by magnetic force automatically and begin the charging process. There are three kinds of interfaces at the other side: USB interface/car charger interface/AC/DC charging interface, which can meet the requirements of various situations. Each battery is charged at 500mA current, and total current is 2.0A for four batteries. The unique charging method can guarantee safety during charging. After about seven hours, the indicator lights will show green, and turn into the state of trickle charging.



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## Features

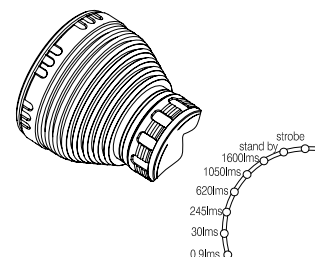
- LED: Cree XM-L2 LED with a lifespan of 50,000 hours
- Max 1610 lumens output using 4\*18650 batteries.
- Level 1: 0.9lms, 3100hours; Level 2: 30lms, 320 hours; Level 3: 245lms, 35hours; Level 4: 620lms, 16 hours; Level 5: 1050lms, 6.9hours; Level 6: 1600lms, 3.2 hours; Stand by: 65uA; Strobe: 1600lms, 6.5 hours.
- Working voltage: 10V to 17V
- Max runtime: 3100 hours
- Max beam distance: 748 meters.
- Peak beam intensity: 140,000cd.
- Impact resistant: 1.2 meters.
- Waterproof to IPX8 standard, 2M
- Size(mm): 203.5(length)x90.2(bezel dia.)x52.5(body dia.).
- Weight: 564g (without battery).
- Aircraft grade aluminum body structure.
- Premium type III hard anodized anti-abrasive finish.
- Ultra-clear tempered glass lens with anti-reflective coating.
- momentary forward click tactical switch.
- Strobe mode for tactical and emergency use
- Smooth reflector for max light output
- Highly focused beam for maximum distance.
- Streamlined body design.
- Mechanical reversed polarity protection design for battery carrier
- Intelligent highly efficient circuit board design for max performance and long run time;
- Specially designed for military, Law Enforcement, Self-defense, Hunting, Search & Rescue and Outdoor activities.
- Intelligent temperature controlled light output for user safety
- Accessories include O ring, USB charging cord, car charger (including USB interface), AC/DC adapter (including USB interface), holster, user manual, lanyard, warranty card and Aluminum box.

Notice: The above-mentioned parameters (tested with four 3400mAh 18650 batteries) are approximate and may vary between flashlights, batteries, and environments.

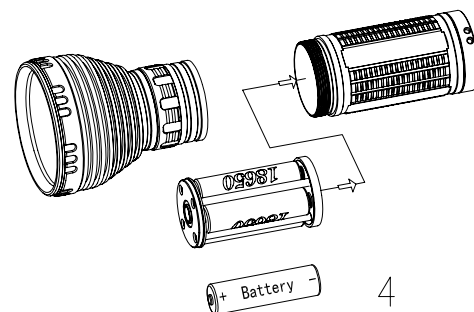
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## Operation

- ON/OFF Switching  
Switch ON: Press the push button down completely until a "click" sound is heard and flashlight turns on.  
Switch OFF: Press the push button down a second time until a "click" sound is heard and light is turned off
- Modes Switching  
With the light turned on, rotating the control ring to select six levels of brightness, stand by and strobe smoothly.



- Battery Replacement
  - 1, Unscrew the tail part in counter-clockwise direction.
  - 2, Remove the battery carrier;
  - 3, Put batteries in battery carrier, with the negative end (flat one) of the battery pointing to the spring;
  - 4, Insert the battery carrier back into the body;
  - 5, Screw the tail part back tightly in a clockwise direction.



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