

# XT2CR

Compact Super-bright Dual-switch Rechargeable Tactical Flashlight

### Features

- Multi-mode dual-switch rechargeable tactical flashlight; High-Tech Design; Extreme output; Long Running; Strong performance; Patented revolutionary technology.
- CREE XHP35 HD E4 LED: higher photoelectric efficiency, max output up to 1600 lumens.
- 18GT-36 3600mAh 18650 battery included (featured in TESLA electric cars).
- Intelligent Battery Load Check System compatible with a wide variety of batteries.
- Micro-USB charging port, easy to use; protects against moisture, dust, and sand.
- Robust Stainless Steel bezel ring protects components.
- Featuring:
  - One-Touch Strobe
  - One-Touch Turbo
  - One-Touch Low
  - SOS
- Intelligent Battery Capacity indicator;
- Micro-USB charging;
- Intelligent Temperature protection System(ITS)
- Quick mode change

• Patented dual-switch tail cap for easy tactile one-hand operation

### Two Interfaces:

- Tactical Setting
  - ◊ Outdoor Setting
  - ◊ Tactical Setting
    - Classic KLARUS XT series tactical interface
- One-touch Turbo
- One-touch Strobe
- Any situation, Any time

### Outdoor Setting

- Specially designed for the wilderness
- One-Touch Low; One-Touch High; SOS
- Suitable for Hiking and Camping, Search & Rescue operations and more

• Digital Intelligent Charging algorithm with currents up to 1A; overcharging protection for safety.

• All new ITS system monitors internal temperature and adjust output to regulate heat, protects LED and internal components for perfect balance of output and safety.

• Intelligent Battery Capacity indicator; view remaining battery capacity at any time.

• Front and Rear internal mounted springs protect against shocks and drops.

• Aerospace Aluminum Alloy construction; CNC precision machining; HAIII Mil-Spec anodizing.

• Reverse Polarity Protection to prevent damage from incorrect battery insertion.

• Hardened AR-coated lens, scratch resistant.

### Specifications

• CREE XHP35 HD E4 LED, 50000 hours lamp life.

• Tactical Setting shipped by default.

• 4 lighting levels, 2 flash modes.

Specifications	Mode	Turbo	High	Medium	Low	Strobe	SOS
ANSI lumens (LM)18650 battery		1600	400	100	10	1600	100
Runtime(h) 18650 battery		1.2	4	14	200	2.4	42
Beam intensity(cd)		14,400	3600	900	91	\	\
Beam distance(m)		240	120	60	19	\	\
Impact resistance(m)		1					
Waterproof		IPX8 (underwater 2 meters)					

Notice: Only use KLARUS 18GT-36 3600mAh Li-ion battery or quality 18650 Li-ion batteries with comparable discharge rate to achieve maximum output of 1600 lumens. Using other 18650 Li-ion batteries or 2 x CR123A batteries will support maximum output of 1300 lumens.

- Input: 2.5V-8.4V.
- Battery: CR123A x 2; 18650 battery (protected) x 1.
- Charging: charging time varies depending on batteries used.

• Formula: charging time=(capacity of battery/1000mA+1H).

• Reflector: Mirror polished.

• Switch: Dual-Switch Tail Cap.

• Size: Head (25.6mm /1.01") x Body (25.4mm/1") x Length (139mm/5.47").

• Weight: 88.5g (3.12oz) (Excluding battery).

• Material: 6061-T6 Aluminum alloy.

• Waterproof: IPX8 waterproof rating.

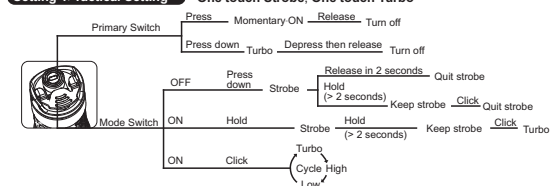
• Lens: Hardened, AR-coated lens, scratch-resistant.

• Included Accessories: Charging Cable x 1, lanyard x 1, Spare O-ring x 1, 18650 Battery x 1, Holster x 1, Clip x 1.

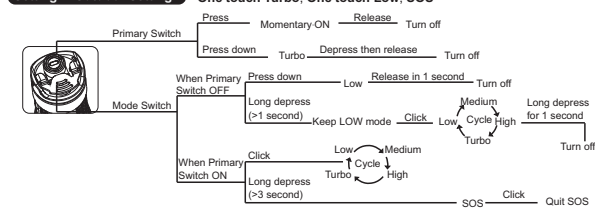
Notice: The above specifications are measured according to the ANSI/NEMA F11 standard, using the KLARUS 18GT-36 3600mAh Li-ion battery. The measurement may change during actual use depending on battery and environment. KLARUS is a member of PLATO (Portable Lighting American Trade Organization), participates in the establishment of ANSI/NEMA F11 standards and scientific data analysis. If a battery charger is required, we recommend only using battery chargers from Klarus.

### Operation:

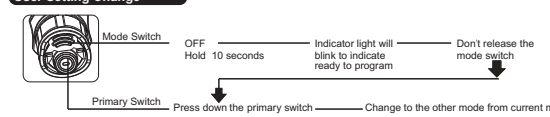
#### Setting 1: Tactical Setting



#### Setting 2: Outdoor Setting



#### User Setting Change



Note: After entering into the programmable mode, if there is no user input, programming mode will auto exit after 5 seconds or by releasing the MODE switch

### Intelligent Temperature Protection System

The flashlight will automatically adjust the output based on the current flashlight internal temperature to best protect the LED and internal components for safety and user comfort.

### Battery Capacity Indicator

- After power-on, the indicator will flash for 5 seconds.
- Green, 70%-100% capacity remaining.
- Orange, 30%-70% capacity remaining.
- Red, less than 30% capacity remaining.
- Red flashing, less than 10% capacity remaining, recharge or replace immediately.

Notice: The indicator will only display as above when using 18650 Li-ion batteries.

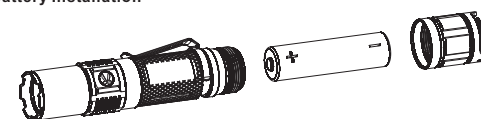
### Recharging Battery

This flashlight utilizes a Micro-USB wire with max charging current of 1A. Plug the USB connector into any USB charging port (computer, vehicles, mobile phone charger, etc.), then connect the Micro-USB connector to the connector port on the flashlight. Notice: We suggest using USB adaptors capable of above 1A output. If adaptors with output lower than 1A is used, recharging time will be extended.

### Charging Indicator

Red: charging in progress.  
Green: charging complete.  
Yellow: Check for errors.

### Battery Installation



### Usage and Maintenance

- The flashlight's surface will increase in temperature during use, especially during periods of higher lumen output. The maximum safe operating surface temperature of the flashlight is 60°C / 140°F.
- Please fully charge battery before initial use. Included battery is charged to less than 50% as a safety measure and will not power the flashlight at full specification charging.
- To maintain waterproof condition, please lubricate the O-ring with resin or oil and replace worn O-rings as needed.
- Do not shine light directly into eyes.
- Loosen the flashlight tail to prevent accidental activation when not in use.
- For long term storage, remove the batteries and store in a cool and dry location.

### Warranty

KLARUS guarantees the flashlight against defects in material and workmanship. Flashlight products that are found to be defective under normal use within 5 years of the proof 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 the KLARUS warranty.

### Limited Lifetime Warranty

If problems develop after 5 years from the date of purchase, KLARUS will charge for parts only. The total repair fee will be assessed according to the cost of the replacement materials. If damage to the light is substantial, KLARUS will contact the customer via the dealer with a quote. The customer can then decide whether to proceed with the repairs or not. Freight will be paid by dealer or customer.

### Warranty Procedure

- If this flashlight does not perform to the specification, the product will be repaired or replaced as described above.
- Please contact your original KLARUS dealer for replacement and repairs.
- If the warranty issue cannot be resolved by the dealer, please contact KLARUS at info@klaruslight.com for assistance. Please provide the following information to expedite the process:
  - 1) List the serial number on the light.
  - 2) Include a detailed description identifying the issue, accompanied by pictures or a short video demonstration if necessary.
  - 3) Provide the name and store of the dealer you made the purchase from; and a copy of the proof of purchase.



Website



Facebook

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Website: www.klaruslight.com



# XT2CR

小巧高亮双开关直充战术手电

### 特点

- 集高智能、高亮度、高效性于一体的黑科技产品—双开关可编程直充战术手电，性能强悍，原创三项专利保护
- 搭载美国最新CREE XHP35 HD E4 LED，光效率更高，亮度高达1600流明
- 标配带特斯拉同款电芯的18GT-36 3600mAh 高性能18650电池
- 搭载电池负载能力智能检测系统，电池兼容性更强
- 配置Micro-USB充电口，方便实用，并带高质量三防护盖，有效防水、防尘、防泥沙
- 灯头不锈钢压圈设计，更好的保护核心部件
- 功能全面强悍：一键爆闪，一键低亮，SOS，电量指示，Micro-USB便捷充电，ITS智能温控，模式自由切换
- 尾部专利战术双开关，完全单手盲视操作，黑暗中准确定位，快速准确的直达所需档位
- 搭载两种操作模式：经典战术模式，户外模式
- 模式一：经典战术模式，秉承KLARUS XT系列的经典操作方式，应对各种使用环境
- 模式二：户外模式，专为户外场景而设计，在黑夜中可快速定位一键低亮或一键极亮，配合多档位亮度，SOS求救功能等，使得XT2CR能够应对复杂多变的环境，更好地兼顾狩猎、搜索、徒步、露营和紧急求救等使用场景
- 充电电流高达1A，充电更快，使用更方便
- 智能数字充电模块，实时监测充电状态，有效防止电池过充，更快速，更安全
- 最新ITS智能温控系统，实时监控内部温度变化并平滑调整最高亮度输出，最大限度的在保护LED及内部元器件安全的基础上提升照明性能，达到产品性能和安全性之良好平衡
- 智能电量指示功能，随时查看剩余电量，使用时间自由掌控
- 头尾双弹簧设计，防震、防摔、抗冲击
- 防反接设计，防止电池装反造成电路造成危害
- 航天级铝合金材质，CNC机加工外壳，军工三级硬质阳极氧化处理，耐磨更轻更坚固
- 主灯镜片采用钢化玻璃，镀AR膜，防刮耐磨

### 规格

- 采用CREE XHP35 HD E4 LED，寿命长达50000小时
- 出厂设置为经典战术模式
- 共4种亮度模式，2种闪烁模式

ANSI/NEMA FL1	极亮	高亮	中亮	低亮	爆闪	SOS
亮度(LM) 18650电池	1600	400	100	10	1600	100
续航时间(h) 18650电池	1.2	4	14	200	2.4	42
光强度(cd)	14,400	3600	900	91	\	\
射程(m)	240	120	60	19	\	\
防跌落(m)	1					
防水级别	IPX8 (水下2米)					

备注：只有使用KLARUS 18GT-36 3600mAh锂电池或相同放电性能的18650锂电池时，最高亮度可以达到1600流明，使用普通18650锂电池或2xCR123A电池时，最高亮度只能达到1300流明。

- 工作电压 2.5V-8.4V
- 可兼容电池：CR123A电池 × 2，18650电池(带保护电路) × 1
- 充电时间：根据电池容量决定 公式：充电时间 = (电池容量/1000mA+1h)
- 反光杯：光面光杯
- 开关类型：战术尾部双开关
- 尺寸：头直径25.6mm × 身直径25.4mm × 总长139mm
- 重量：88.5g(不含电池)

• 材料：航空铝 6061-T6，经过军规三级硬质阳极氧化处理

• 防水：IPX8级防水，水下2米

• 镜片：钢化玻璃，镀AR膜，防刮耐磨

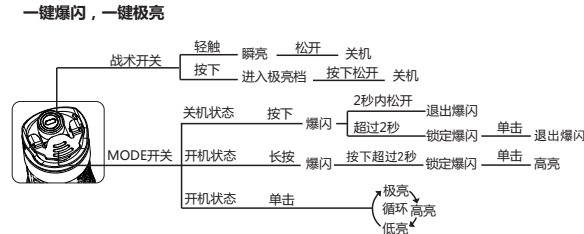
• 配件：USB充电线 × 1，手绳 × 1，O圈 × 1，电池 × 1，布套 × 1，抱夹 × 1

备注：以上参数是按照国际手电筒测量标准ANSI / NEMA FL1所述之方法测量所得，所使用电池为1节KLARUS 18GT-36 3600mAh 18650电池，实际数据可能会随着不同电池或使用环境而产生影响。KLARUS是美国手电筒行业协会(PLATO)的成员，参与制定和优化ANSI/NEMA FL1手电筒标准，产品测试数据标准科学。如需使用充电器充电，建议使用KLARUS凯瑞兹高可靠性充电器。

### 使用操作

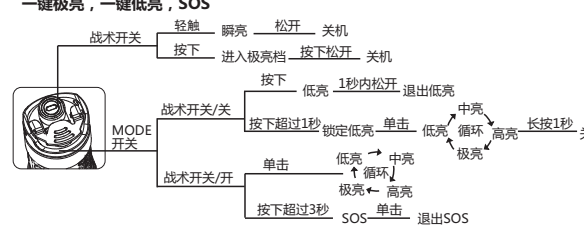
#### 模式1：经典战术模式

##### 一键爆闪，一键极亮

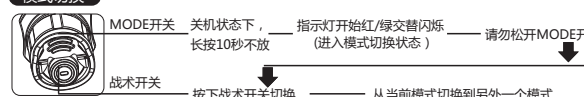


#### 模式2：户外模式

##### 一键极亮，一键低亮，SOS



#### 模式切换



注：进入编程模式后，如果无其他操作，5秒后或者松开MODE开关后自动退出模式切换。

### 温控系统

智能温控系统，在最高亮时智能温控系统会根据手电筒的温度来调节手电亮度，最大限度的保护LED及内部元器件，更可靠更安全，同时增强握持温度舒适度。

### 电量指示

- 开机后侧方指示灯显示5秒，5秒后关闭
- 绿色，表示剩余电量70%-100%
- 橙色，表示剩余电量30%-70%
- 红色，表示剩余电量30%以下
- 电量在低于10%时指示灯灯灯闪烁，提示用户电量即将耗尽

注：此电量指示功能只针对18650锂离子电池。

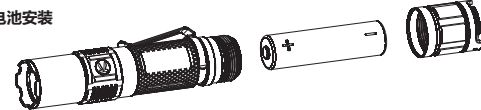
### 充电操作

本手电配Micro-USB充电线，最大充电电流1A，其中USB端口可适配任何USB供电设备(包括电脑USB，车载USB，手机适配器USB等)；另一头插入手电侧面充电口，即可充电。注：充电时建议选用1A以上输出的适配器，如使用1A以下适配器充电时间会略长。

### 充电指示

充电中，指示灯为红灯；充满后，指示灯为绿灯；充电异常时指示灯黄色闪烁。

### 电池安装



### 使用及维护

- 手电在使用过程中，手电表面温度在60°C以下属于正常情况，请放心使用。
- 充电电池出厂时只有50%以下电量，直接使用不能达到最高亮度和正常续航时间，首次使用请将电池充满。
- 为达到最佳防水性能，请定期检查防水O圈的完整性，并请适量涂抹润滑硅脂于防水O圈上以延长其使用寿命。如O圈损坏，请及时更换原厂O圈以确保您所使用的产品的优异防水性能。
- 请勿将手电筒的光线直接照射人类或动物的眼睛。
- 手电不用时，可将筒尾扭松，避免误操作。
- 长时间不使用手电筒时，请将电池取出，并妥善存放。

### 保修

- 15天退换货：自售出之日起15天内，在正常使用情况下，出现产品质量问题，客户可选择更换新品或维修服务，要求更换时，所换产品应为同型号同规格的新品；如型号同规格的产品停止生产时，则调换不低于原产品性能的同品牌产品。
- 5年免费保修期：自售出之日起5年内，用户在正常使用情况下，出现产品质量问题，可享受免费维修服务。
- 终身有限保修：超过5年免费保修期外，提供有偿保修，费用以实际更换材料费用为准，不另收取人工费。



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