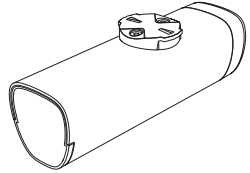


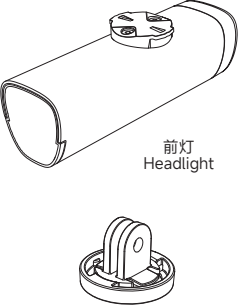
单色双面印刷

折叠尺寸：50*80mm(展开尺寸：350*80mm)

印刷红线框去掉，黑色虚线保留



产品说明书
User Manual

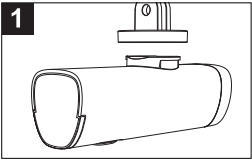


吊装母座(搭配其它支架使用)
GoPro Adapter (For GoPro Base Mount)

一、包装清单 PACKAGE LIST

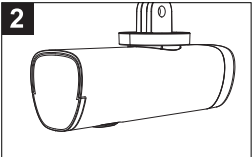
二、产品安装 INSTALLATION

1



将车灯调转90°，插入多功能支架上，然后旋转90°
Turn the light 90°, and insert into the multi-functional mount, then rotate the light to 90°

2



听到“咔”的一声，安装完成
When you hear a "click" sound, the installation is completed.

三、充电 CHARGING

输出 OUTPUT
1. 揭开车灯尾部胶塞，插入双头USB-C线充电即可。可以给需要的设备充电（5V）如：手机、平板、尾灯、相机等。


输入 INPUT
1. Open the rubber plug at the rear of the bicycle light, insert the C-C charging cable, and then it can be used to charge the devices in need (at 5V), such as mobile phones, tablets, tail lights, cameras and so on.

2. 揭开车灯尾部胶塞，插入双头USB-C线后连接充电设备（5V），按键电量指示灯显示当前电量颜色并呼吸闪，即开始充电，充满后电量指示灯转为绿色常亮。

2. Open the rubber plug at the rear of the bicycle light, insert the C-C charging cable and then connect it to the charging device (5V). Press the button, and the power indicator will display the current power level in a certain color and blink in a breathing mode, which means the charging has started. Once fully charged, the power indicator will turn into a steady green light.

注意：电池温度在10°~50°时才能正常充电，否则无法正常充电，同时电量指示灯循环快闪3次常亮1秒。充电时开机锁档在低亮档。

3. Attention: The battery can be charged normally only when its temperature is between 10°C and 50°C. Otherwise, it cannot be charged properly. Meanwhile, the power indicator will flash rapidly three times in a cycle and then stay on for one second. When charging, turn on the device and it will be locked in the low brightness mode.



警告 WARNING 注意事项

*请在5°C至40°C的环境温度进行充电；
*Please charge the product at the environmental temperature from 5 to 40 degrees Celsius;

*充电前请检查充电线是否良好；
*Please check whether the charging cable is good before charging;

*充电时，请使用5V USB电源适配器；
*When charging, please use the 5V USB power adapter;

*充满电后，请务必拔下充电接头；
* Please pull the charging plug out after charging;

*请勿在高温环境里进行充电、放电及存放，否则会加速电池老化；
*Please do not charge, discharge or store in the hot environment, otherwise it will accelerate the aging of the battery;

*请将车灯充满电后放置在阴凉干燥的环境下存放，勿将车灯置于车内或接近热源处；
*Please store the fully charged headlights in a cool and dry places. Do not leave the lamps inside the vehicle or near a heat source;

*正确充电后，若电池的使用寿命越来越短，则表示充电电池已达到有效使用寿命，请在当地维修点更换电池，并遵照当地法规，妥善处理废弃充电电池。
*After the correct charge, if the battery usage time is shorter and shorter, it means that the rechargeable battery has reached the effective service life. Please replace the battery at the local maintenance point and properly dispose of the waste rechargeable battery according to local regulations;

*本产品在不使用的情况下，每隔3个月需要充电一次，以免造成电池损坏，导致无法使用；
* This product should be charged once every 3 months without use, so as not to cause damage to the battery and resulting in unusable condition;

*灯头请勿对着眼睛开机；
*Please do not stare at the light when it is just turned on to avoid damaging the eyesight.

*长时间使用车灯时，请勿触摸车灯以免烫伤；
*After the light is used for long time, please do not touch the light to avoid getting scald.

*在没有成年人监护的情况下请勿给儿童使用。
* Children are forbidden to use without adults' supervision.

保修凭证
Warranty Certificate

用户资料（顾客填写）
User's Information (Filled in by User)

姓名： 联系电话：
Name: Phone:

邮编：
Zip Code:

地址：
Address:

购买时期： 年 月 日
Purchase Date: Year Month Day

以下由售货员填写：
The following are filled in by the consignee:

销售资料：
Sales Information:

销售单位（加盖公章）：
Sales Company (Stamped with Company Seal):

联系电话：
Phone:

地址：
Address:

就近服务指导（顾客第一时间的联系点）
Nearby Service Guidance (Customer First Contact Point)

服务单位名称：
Service Unit:

联系电话：
Phone:

地址：
Address:

保修卡
Warranty Card

1、有关售后服务事宜，请与经销商单位联系。正常使用出现质量问题，自购机之日起七天内包退，十五天内可免费更换本公司同一型号的产品，但产品包装不予以更换。

1. Please contact the wholesaler for customer service. For inherent problems under correct use, we accept a return during seven days since purchase. Users are allowed to replace a new product of the same model for free during fifteen days since purchase, and package is excluded in the replacement.

2、购买时间以经销商开出的发票或收据为准。

2. Purchase date is defined in accordance with the invoice or receipt made by wholesaler.

3、在下列情况下包换、保修失效，但提供有偿的维修服务。

(1) 一切人为因素损坏，如非正常工作环境下使用，不按说明书使用引起的损坏等；

(2) 客户自行维修改装，或未经本公司授权的单位维修；

(3) 购买后因运输不良造成的损坏；

3. Under the following circumstances, replacement and warranty are both invalidated, but we offer a paid repair service.

(1) All damages caused by subjective factors, such as using under abnormal conditions or against the user manual.

(2) User's independent repairing and modifying or other unauthorized maintenance.

(3) Damages caused by improper shipping.

4、本公司产品凭保修卡包换/保修，需服务时，请提供购机发票或收据。

4. We offer replacement/maintenance service by presenting this card, please show your invoice or receipt when the service is needed.

5、下述一切非正常使用情况下造成的任何损失，本公司将不承担任何责任。

(1) 因用户错误使用造成安全隐患或意外事故；

(2) 因不可抗力因素造成的安全隐患或事故；

(3) 消费者未按说明书规定进行操作，使用非说明书上要求的配件等消耗材料造成对第三方配件的损坏及意外事故或人身伤害。

5. Gacron is irresponsible for any damages caused by the following improper uses.

(1) Hidden safety hazards or incidents caused by user's improper operation.

(2) Hidden safety hazards or accidents caused by irresistible factors.

(3) Damages or accidents or injuries caused by user's independent operation against the manual or, using other materials or accessories on the product which causes malfunction.

6、无论您在何处购买本产品，均可在最近的销售服务点得到同样完善的售后服务，如有疑问有得到妥善解决，请致电或亲赴客户服务部。

6. Wherever you purchase this product, you have the total access to equivalent services from the nearest customer service center; if the problem is not solved to your satisfaction, please make a phone call to us or email to our customer service department.

7、对以上条款的修改权及解释权归本公司所有。

7. The company reserves all the right to modify and explain the above terms.

四、操作说明及功能介绍 OPERATION AND FUNCTION

按 Press

模式Working Mode	时间Running Time
高亮档/High 1200 lm	≈2hrs
中亮档/Medium 800lm	≈3hrs
低亮档/Low 300lm	≈8hrs
日间闪/100-200lm	/
常亮闪/800lm	/

1. 开/关机：长按机身键1秒。
Turn ON/OFF: Long press power button for 1 seconds.

2. 模式切换：开机状态下双击切换常亮模式/闪烁模式。
2. Mode switching: Double-click when the device is turned on to switch between the steady-on mode and the flashing mode.

3. 档位切换：开机状态下单击按键切换档位。
常亮模式：低亮档>中亮档>高亮档>循环
闪烁模式：日间闪>常亮闪>循环

3. Gear switching: Click the button when the device is turned on to switch gears.

Steady-on mode: Low brightness gear > Medium brightness gear > High brightness gear > Cycle.

Flashing mode: Daytime flash > Steady-on flash > Cycle.

4. 记忆功能：开机保持上次灯光档位和模式。

4. Memory function: When turned on, it will maintain the previous

5. 锁定功能：长按3秒锁定车灯。锁定状态下单击按键，按键指示灯快闪3次。3秒内单击5次退出锁定。

5. Locking function: Press and hold the button for 3 seconds to lock the bicycle light. In the locked state, click the button and the button indicator will flash rapidly 3 times. Click the button 5 times within 3 seconds to exit the locked state.

6. 电量显示：关机状态单击按键，按键指示灯显示当前电量颜色并闪烁3次。

6. Power display: Click the button when the device is turned off, and the button indicator will display the current power level in a certain color and flash three times.

Flashing mode: Daytime flash > Steady-on flash > Cycle.

剩余电量Remaining Battery	颜色显示Indicator Color
100%-61%	绿色/Greener
60%-21%	黄色/yellow (colour)
20%-1%	红色/Red

7. 强制关机：长按8秒强制关机，并解除蓝牙绑定。

8. 低亮锁档：当电量低于10%时自动锁定低吸档，且不能切换档位。低电量关机快闪3次。

9. 蓝牙功能：连接码表。
9. Bluetooth function: Connect to the bike computer.

★根据码表光传感器自动亮灯。
Automatically turn on the light according to the light sensor of the bike computer.

★根据码表速度无极调节：0-10kmh为300流明，10-40kmh为300-1200流明无极等比增加。
Infinitely adjustable according to the speed of the bike computer. The brightness is 300 lumens when the speed is between 0 and 10 km/h, and it increases proportionally and infinitely from 300 to 1200 lumens when the speed is between 10 and 40 km/h.

★电量显示Power display.

★解除配对。Unpairing.

★自动模式途中被手动操作打断后，一直是手动模式，直到关机后，下次开机恢复自动模式。
Once the automatic mode is interrupted by manual operation during the process, it will remain in the manual mode until the device is turned off. The automatic mode will be restored when it is turned on next time.

防水等级 Waterproof	IPX6
产品尺寸 Dimension	107*38*33.2mm(不含卡座)
产品净重 Net Weight	≈159g

FCC Requirement
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
This device complies with Part 15 of the FCC Rules.
Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

产品类型 Model	SPARK 1200
灯珠 Light Source	LED
最高亮度 Max Brightness	1200 lm
输入 Input	5V/2A
输出 Exports	5V/2A
电池容量 Battery	5000mAh
标准充电时间 Charging Time	≈2.5h
照射距离 Beam Distance	>200m

合格证
Certificate

检验员：
Inspector:

日期：
Date:



扫码关注公众号



扫码添加客服