

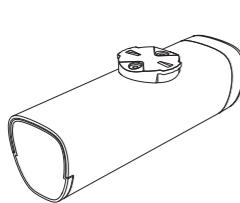
单色双面印刷

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

mentech

Spark 1200 自行车前灯
Spark 1200 bicycle light

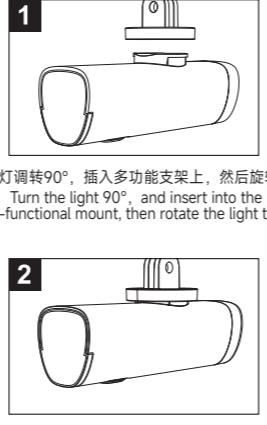


产品说明书
User Manual

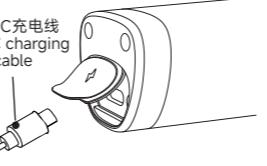


一、包装清单 PACKAGE LIST

二、产品安装 INSTALLATION

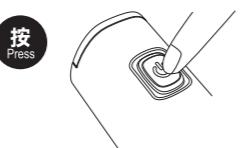


三、充电 CHARGING



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 green, and the indicator will be 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位。
3. 只有当电池可以被正常充电时, 电池温度在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.
4. 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;
*将车灯充满电后放置在阴凉干燥的环境下存放, 切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 place. Do not leave the lamps inside the vehicle or near heat sources;
*正确充电后, 若电池的使用时间越来越短, 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灯;
*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.

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	/

3. 挡位切换: 开机状态下单击按键切换挡位。
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
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 mode.
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。
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: 关机状态下单击按键, 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.

9. 蓝牙功能: 连接蓝牙。
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.
★ 根据码表速度大极调速: 0-10km/h为300流明, 10-40km/h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.
★ 自动模式途经手动操作打断后, 一直是手动模式, 直到关机后, 下次再进入自动模式。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.

五、技术参数 SPECIFICATION

产品型号 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

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: _____

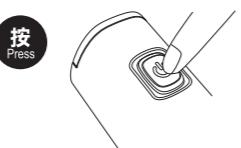
地址:
Address: _____

儿童: _____
Children: _____

保修卡
Warranty Card

1. 有关售后服务事宜, 请与经销商联系, 正常使用出现质量问题, 自购机之日起七天内包换, 七天内可免费更换本公司同型号的产品, 但产品包装不可更换, 为客户提供免费维修服务。
1. Please contact the wholesaler for after-sales 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具的发票或收据为准。
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)用户自行维修或改装, 或未经授权的单位维修;
(3)购买时未说明不负责维修的损坏;
3. 在下列情况下, 保修卡失效, 但提供有偿维修服务;
(1)因用户操作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)消费者未按照说明书规定操作, 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员伤害。
4. 本公司产品保修卡包换/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, 本公司将不承担责任。
(1)因用户操作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)消费者未按照说明书规定操作, 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员伤害。
5. Gaclon is irresponsible for any damages caused by the following improper uses.
(1) Hidden safety hazards or accidents caused by user's improper operation.
(2) User's own damage or accidents caused by user's independent operation.
(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, 均可在最近的售后服务点得到同样完善的的服务, 如果您没有得到妥善解决, 请致电或来函客户服务部。
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.

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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

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 Requirements
Any changes or modifications not expressly approved by the person responsible for compliance could void the user's authority to operate the equipment.
★ 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.
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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.

合格证
Certificate

检验员:
Inspector: _____
日期:
Date: _____

扫码关注公众号
Scan to follow the official account

扫码添加客服
Scan to add customer service

Designer
于晓洋

Date
2024.12.09

Note
V0.1