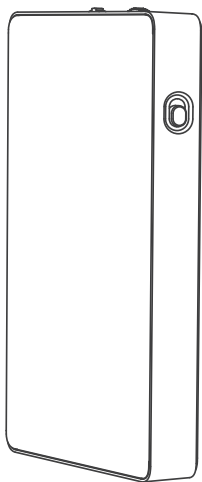


SmallRig



RM120 RGB Video Light

User Manual

Thank you for purchasing SmallRig's product.

Important Reminder

1. Please read this manual carefully before using this product.
2. Please pay attention to all warning prompts and follow all instructions in the user manual.
3. The battery's state of charge (SoC) is $\leq 30\%$ of the rated design capacity at the time of leaving the factory.
4. Built-in non-removable lithium battery, unauthorized disassembly is strictly prohibited; external lithium battery, no disassembly is allowed.
5. After prolonged storage without use, it is recommended to charge and discharge the battery once every 6 months for maintenance to restore about 60% of the charged capacity, thus extending the battery's lifespan.
6. Please do not throw away the product wilfully as its battery contains a few harmful substances. Please recycle the damaged or unused products in accordance with the waste management measures.
7. Children should use it under adult guidance.
8. Keep new and used batteries away from children.



Please do not disassemble the product or change its battery. If you have any question, please contact the seller to apply after-sales service.

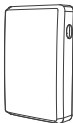
In the Box



RM120 RGB Video Light
× 1



Dual-Head Cold Shoe Adapter
× 1



Diffuser
× 1

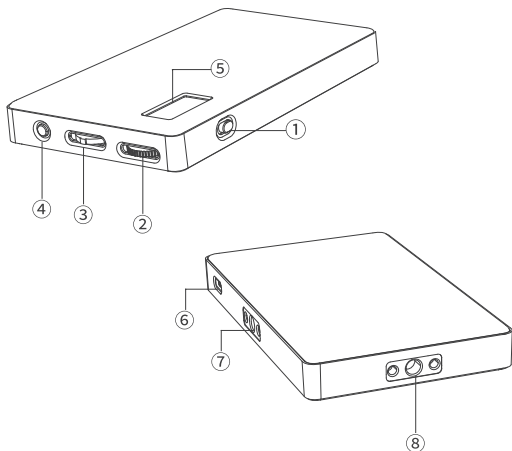


USB-C Charging Cable
× 1



User Manual
× 1

Product Details



- | | |
|---------------------------------|-------------------------------------|
| ① Power Switch | ⑤ OLED Screen |
| ② Brightness Adjusting Knob DIM | ⑥ USB-C (5V / 3A) Input Port |
| ③ Function Control Thumbwheel | ⑦ 1/4"-20 Screw with Locating Holes |
| ④ Menu Button SET | ⑧ 1/4"-20 Screw with Locating Holes |

Product Features

SmallRig RM120 RGB Video Light supports ultra-long battery life (180min continuous lighting at the highest power output). The design is in perfectly balance with the metallic material. Brightness can be finely adjusted between 0% ~ 100% in all modes, color temperature can be adjusted in a wide range of 2500K ~ 8500K in CCT mode. The red light, green light, blue light and white light can be mixed in RGBW mode, and hundreds of millions of colors can be obtained . In HSI mode, the color gamut can be changed from 0 to 360° full color, and the color saturation can be adjusted from 0 to 100. FX mode has up to 12 special lighting effects.



The internal integrated intelligent temperature control protection system plays the role of high temperature automatic protection. This product has a USB-C charging input interface and supports PD and QC charging protocols.

Functions





1. Power On / Off

- To turn the product on, face the OLED screen, and turn the power switch to the left to light the screen.
- To turn the product off, face the OLED screen, and turn the power switch to the right to turn off the screen.

2. CCT Mode

- When the product is turned on, press the menu button SET to enter the CCT Mode. Color temperature adjustment: Press the multi-function dial FN inward, and select the color temperature icon "".
- Turn up the multi-function dial FN once, the color temperature will increase by 100K, and the dial will automatically rebound.
- Turn up the multi-function dial FN and hold it, the color temperature will continue to increase, and the maximum value is 8500K.
- Push down the multi-function dial FN once, the color temperature drops by 100K, and the dial will automatically rebound.
- Turn down the multi-function dial FN and keep it, the color temperature will continue to drop, the minimum value is 2500K.
- Green product adjustment: Press the multi-function dial FN inward, and select the green product icon "".
- Move the multi-function dial FN upward once, the green value increases by 1, and the dial will automatically rebound.
- Turn up the multi-function dial FN and hold it, the green value will continue to increase, the maximum value is 10.
- Move the multi-function dial FN down once, the green value drops by 1, and the dial will automatically rebound.
- Turn the multi-function dial FN down and keep it, the green value will continue to drop, the minimum value is -10.

3. RGBW Mode

- When the product is turned on, press the menu button SET to enter the RGBW Mode. Press the multi-function dial FN inward to switch the settings in the icons " " " " " (R: Red, G: Green, B: Blue, W: White).
- Move the multi-function dial FN up once, the value increases by 1, and the dial will automatically rebound.
- Move the multi-function dial FN up and hold, the value will continue to increase, the maximum value is 255.
- Move the multi-function dial FN down once, the value will decrease by 1, and the dial will automatically rebound.
- Move the multi-function dial FN down and hold, the value will continue to decrease, the minimum value is 0.
- Brightness adjustment: slide the brightness adjustment wheel DIM, slide up to increase the brightness, slide down to decrease the brightness, the brightness can be adjusted in the range of 0 ~ 100.

4. HSI Mode

- When the product is turned on, press the menu button SET to enter the HSI Mode, and then press the Function Control Wheel FN inward to make the arrow on the screen to point to H.
- In HSI Mode, use the Brightness Adjusting Knob DIM to adjust the brightness. You may turn it upward or downward to increase or decrease the brightness.
- Turn FN upward once to increase hue by 1°, and the wheel will be back automatically.
- Turn FN upward and hold it to keep increasing hue which can be up to 360°. Once it surpasses the maximum value, it will become 0°.
- Turn FN downward once to decrease hue 1°, and the wheel will be back automatically.
- Turn FN downward and hold it to keep decreasing hue which can be down to 00°.
- Once it surpasses the minimum value, it will become 360°.
- Press FN inward to make the arrow on the screen point to S.
- Turn FN upward once to increase the saturation by 1, and the wheel will be back automatically.
- Turn FN upward and hold it to keep increasing the saturation which can be up to 100.
- Turn FN downward once to decrease the saturation by 1, and the wheel will be back automatically.
- Turn FN downward and hold it to keep decreasing the saturation which can be down to 0°.

5. Scene Mode

- When the product is turned on, press the menu button SET to enter the Scene Mode (FX).
- In Scene Mode, use the Brightness Adjusting Knob DIM to adjust the brightness.
- You may turn it upward or downward to increase or decrease the brightness.
- In Scene Mode, keep pressing the Function Control Wheel FN inward to toggle.
- between Warning Mode, RGB Cycle Mode, Lightning Mode and Special Mode.

Lighting Effects

- | | |
|-------------------------------|--------------------------------|
| ① Paparazzi (2500K ~ 8500K) | ⑦ Random (CCT、HSI) |
| ② Pulsing | ⑧ Fire |
| ③ SOS | ⑨ TV (4500K ~ 6500K) |
| ④ Welding | ⑩ Fault Bulb (2500K ~ 8500K) |
| ⑤ Alarm Lamp | ⑪ Lightning (2500K ~ 8500K) |
| ⑥ Fireworks | ⑫ Loop (CCT、HSI) |

6. Display of Battery Level

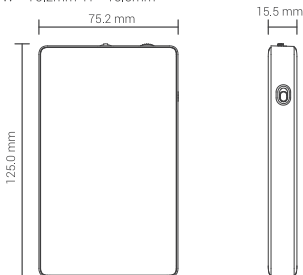
When the product is turned on, current battery level will be displayed on the OLED screen. When the output power changes, the battery level displayed will vary with the output power.

7. Charging

- Flashing of the battery level icon means low battery. You need to charge the product with 5V / 9V charger by inserting the charger into the USB-C interface. If the charging is normal, there will be a plug icon on the display and the battery level will bounce like running water. After the charging is completed, the indication of battery level will stop bouncing.
- If the device needs to be charged when it is turned on, please use the USB charger of 5V / 3A or above.

Product Dimension

L = 125.0mm W = 75.2mm H = 15.5mm



Tips

Using the device at full power for a long time may cause abnormal temperature on the shell surface, which is uncomfortable for human skin and directly related to the environment temperature. To protect the battery life, please do not use the light for a long time while charging.

Specifications

Item	Specifications
Color Temperature	2500K ~ 8500K
Brightness	0 ~ 100
CRI	98+
TLCI	98+
Maximum Illuminance	1500Lux@0.3M
Battery Parameter	5000mAh / 3.7V / 18.5Wh
Power	7W MAX
	15W MAX
	9V / 5V
Working Temperature	0°C ~ 45°C
Dimensions	125,0 × 75,2 × 15,5mm
Net Weight	204g

Notes on Temperature Warning

1. Product is used in an environment with a high ambient temperature, or if the product is used continuously for a long period of time. This will automatically turn 2. of the product until it cools down.
- Product is used in an environment with a low ambient temperature. In such environments, the product may not operate properly.

Service Warranty

Please keep your original receipt and guarantee card. Be sure the dealer has written on it the date of purchase and SN of the product. These are required for warranty service.

After-sale Warranty Terms

SmallRig products are entitled to warranty services as of the date of payment.

- Electronic products (except V mount battery): 1-year warranty.
- V mount battery: 2-year warranty.
- Non-electronic products: 2-year warranty.

Note: In case of any conflict between our warranty period policy and applicable laws and regulations of the country / region where the products are sold, the latter shall prevail.

This Warranty Does Not Cover

1. If users fail to adhere to the "Operating Instruction" or any "Warnings" stated in the user manual, resulting in a quality failure, it falls outside the scope of warranty coverage.
2. The product identification or SN label is removed or defaced in any way.
3. Product damage caused by problems not attributable to the quality of the products such as improper use of the products.
4. Product damage caused by unauthorized modification, disassembly, repair and other acts.
5. Product damage caused by fires, floods, lightning and other force majeure factors.

Warranty Mode

- For the products within the scope of warranty, SmallRig will repair or replace them on the basis of specific failures; the repaired / replaced products / parts are entitled to the remaining part of the original warranty period.

Contact Information

- You're advised to contact the online customer service personnel of corresponding shopping platform and submit a repair service application.
- You may also apply for repair service through SmallRig's service email.

Service Email: support@smallrig.com

Guarantee Card

ID No.	
Item Name	
Purchase Date	
User Name	
Mobile	
Address	
Receipt	



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Sea&Mew Accounting Ltd,
Electric Avenue Vision 25, London, Enfield EN3 7GD,
Billy Han, info@seamew.net



GAVIMOSA CONSULTORIA, SOCIEDAD LIMITADA,
CASTELLANA 9144, 28046 Madrid,
Jorge Wilson, compliance.gavimosa@outlook.com

Manufacturer: Shenzhen Leqi Innovation Co., Ltd.

Add: Rooms 103, 501 and 601, Building 5, Fenghe Industrial Park, Nos. 1301-50
Guanguang Road, Longhua District, Shenzhen, Guangdong, China.

Consignor: Shenzhen LC Co., Ltd.

Add: Rooms 602, Building 5, Fenghe Industrial Park, No. 1301-50 Guanguang Road,
Xinlan Community, Guanlan Street, Longhua District, Shenzhen, Guangdong, China.



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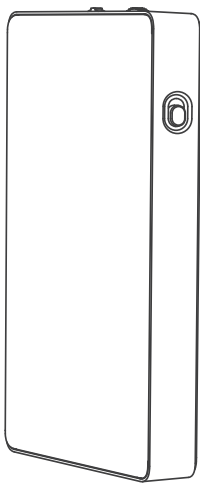


Séparez les éléments avant de trier



Made in China

SmallRig



RM120 全彩补光灯

用户手册

感谢您购买 SmallRig 产品。

重要提示

1. 使用本产品之前，请仔细阅读用户手册。
2. 请注意所有警告提示并遵循使用用户手册内的所有指令。
3. 电池在出厂时的荷电量 (SoC) $\leq 30\%$ 额定设计容量。
4. 内置式不可拆卸锂电池，严禁擅自拆机；外置式锂电池，请勿拆解电池。
5. 电池在长时间储存不用时，应在6个月内进行一次充放电维护，并恢复60%左右的带电量以延长电池的使用寿命。
6. 电池内部有少许有害物质，请勿任意丢弃，请将损坏或是不再使用的产品，依照废弃物管理办法回收处理。
7. 儿童请在成人指导下使用。
8. 请将新电池和旧电池放在远离儿童的地方。



请勿拆卸产品或更换电池，如果您怀疑产品有任何问题，请联络购买平台，申请售后处理。

包装清单



RM120 全彩补光灯
× 1



双片冷靴座
× 1



柔光罩
× 1

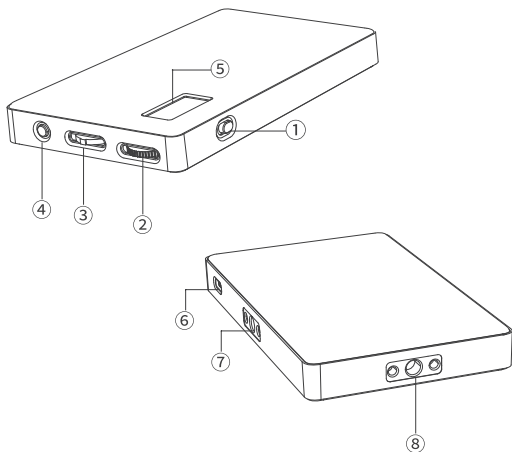


USB-C 充电线
× 1



用户手册
× 1

产品结构介绍



- | | |
|--------------|----------------|
| ① 电源开关 | ⑤ OLED 显示屏 |
| ② 亮度调节旋钮 DIM | ⑥ USB-C 充电输入接口 |
| ③ 多功能拨轮 FN | ⑦ 1/4"-20 螺纹孔 |
| ④ 菜单切换按钮 SET | ⑧ 1/4"-20 螺纹孔 |

产品特点



SmallRig 斯莫格 RM120全彩补光灯支持超长续航(最高功率输出时,可支持180分钟不间断照明)。全金属一体化机身采用高级抗压、高散热铝框架,简约大气的外观设计与金属材质形成完美平衡。所有模式下亮度可在0%~100%之间精细调节,CCT模式下色温可以在2500K~8500K宽广的范围之间调节。RGBW模式下可以混和红光绿光蓝光白光,得到上亿种色彩。HSI模式下色域可以在0~360°全色彩之间变化,颜色饱和度可在0~100之间调节。FX模式具有多达12种特殊灯光效果。内部集成智能温控保护系统,起到高温自动保护作用。本产品具有USB-C充电输入接口,支持PD和QC充电协议。

功能及特点





1. 开机 / 关机

- 面对有OLED屏幕的一面，产品顶部电源开关向右边拨，显示屏点亮，产品开机。
- 面对有OLED屏幕的一面，产品顶部电源开关向左边拨，显示屏熄灭，产品关机。


2. CCT 模式


- 开机状态下，按下菜单切换按钮SET，切换到CCT模式 (CCT)。
- 色温调节：将多功能拨轮FN向里按压，选中色温图标“”。
- 向上拨动一次多功能拨轮FN，色温增加100K，拨轮会自动回弹。
- 向上拨动多功能拨轮FN并保持，色温会持续增加，最大值8500K。
- 向下拨动一次多功能拨轮FN，色温下降100K，拨轮会自动回弹。
- 向下拨动多功能拨轮FN并保持，色温会持续下降，最小值2500K。
- 绿品调节：将多功能拨轮FN向里按压，选中绿品图标“”。
- 向上拨动一次多功能拨轮FN，绿品值增加1，拨轮会自动回弹。
- 向上拨动多功能拨轮FN并保持，绿品值会持续增加，最大值10。
- 向下拨动一次多功能拨轮FN，绿品值下降1，拨轮会自动回弹。
- 向下拨动多功能拨轮FN并保持，绿品值会持续下降，最小值-10。
- 亮度调节：滑动亮度调节滚轮DIM，向上滑动亮度增加，向下滑动亮度减小，亮度可调范围0-100。

3. RGBW 模式

- 开机状态下，按下菜单切换按钮SET切换到RGBW模式 (RGBW)。
- 将多功能拨轮FN向里按压，可在图标“” “” “” “” 中切换设置 (R: 红色 / Red, G: 绿色 / Green, B: 蓝色 / Blue, W: 白色 / White)。
- 向上拨动一次多功能拨轮FN，数值增加1，拨轮会自动回弹。
- 向上拨动多功能拨轮FN并保持，数值会持续增加，最大值255。
- 向下拨动一次多功能拨轮FN，数值减少1，拨轮会自动回弹。
- 向下拨动多功能拨轮FN并保持，数值会持续减少，最小值0。
- 亮度调节：滑动亮度调节滚轮DIM，向上滑动亮度增加，向下滑动亮度减小，亮度可调范围0 ~ 100。

4. HSI 模式

- 开机状态下，按下菜单切换按钮SET 切换到HSI模式 (HSI)。
- 调节H值(色域)：将多功能拨轮FN向里按压，选中图标“”。
- 向上拨动一次多功能拨轮FN，色域增加1°，拨轮会自动回弹。
- 向上拨动多功能拨轮FN并保持，色域会持续增加，最大值360°，超过360°时会循环变成0°。
- 向下拨动一次多功能拨轮FN，色域减少1°，拨轮会自动回弹。
- 向下拨动多功能拨轮FN并保持，色域会持续下降，最小值0°，小于0°时会循环变成360°。

- 调节S值(饱和度):将多功能拨轮FN向里按压,选中饱和度图标“”。
- 向上拨动一次多功能拨轮FN,饱和度增加1,拨轮会自动回弹。
- 向上拨动多功能拨轮FN并保持,饱和度会持续增加,最大值100。
- 向下拨动一次多功能拨轮FN,饱和度下降1,拨轮自动回弹。
- 向下拨动多功能拨轮FN并保持,饱和度会持续下降,最小值0。
- 调节I值(亮度):滑动亮度调节滚轮DIM,向上滑动亮度增加,向下滑动亮度减小,亮度可调范围0 ~ 100。

5. 场景模式

- 开机状态下,按下菜单切换按钮SET切换到场景模式(FX)。
- 在场景模式下,拨动多功能拨轮FN,可切换12种场景模式。
- 在选定好场景灯效后,将多功能拨轮FN向内按压,可切换至具体调节项。
- 上下拨动多功能拨轮FN,可调节具体选项或色温值。
- 亮度调节:滑动亮度调节滚轮DIM,向上滑动亮度增加,向下滑动亮度减小,亮度可调范围0 ~ 100。


12种场景灯效,如下所示。

- ① Paparazzi / 狗仔队 (色温2500K ~ 8500K可调节)
- ② Pulsing / 脉搏 (白色、粉色、青色、红色、绿色、蓝色、黄色)
- ③ SOS / 应急灯 (红灯、黄灯、绿灯、白灯)
- ④ Welding / 电焊
- ⑤ Alarm Lamp / 报警灯 (警车、救护车、消防车)
- ⑥ Fireworks (烟花)
- ⑦ Random / 随机 (CCT模式、HSI模式)
- ⑧ Fire / 火焰 (蜡烛、鬼火、尾焰)
- ⑨ TV / 电视 (色温4500K ~ 6500K可调节)
- ⑩ Fault Bulb / 坏灯泡 (色温2500K ~ 8500K可调节)
- ⑪ Lightning / 闪电 (色温2500K ~ 8500K可调节)
- ⑫ Loop / 循环 (CCT模式、HSI模式)

6. 电量显示

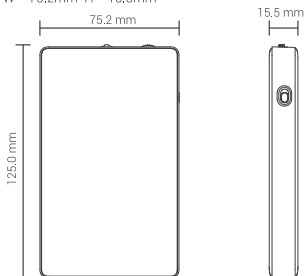
产品开机状态下,OLED显示屏右上角有电量指示图标“”,实时显示产品当前剩余电量。

7. 产品充电

- 当产品电量不足时,屏幕将出现提示“Low Battery!”。
需使用5V / 9V充电器对本产品进行充电,将充电器输出端插入到本产品USB-C接口内,即可开始充电。
- 当使用5V充电器时,显示屏会显示图标“”,当使用9V充电器时,显示屏会显示图标“”。
- 电池电量会以流水的形式进行跳动。当充电完成后,电量指示图标停止流水式跳动。若需开机状态下对设备充电,请采用5V / 3A及以上USB充电器。

产品尺寸

L = 125.0mm W = 75.2mm H = 15.5mm



特别提示

长时间全功率使用设备,壳体表面可能会产生人体不适的温度,温度高低和环境温度有直接关系,为了不影响电池使用寿命,请勿在充电状态下过长时间使用灯光。

参数规格

项目	规格
色温	2500K ~ 8500K
亮度	0 ~ 100
显色指数	98+
电视照明一致性指数	98+
最大照度	1500Lux@0.3M
电池参数	5000mAh / 3.7V / 18.5Wh
发光功率	7W MAX
输入功率	15W MAX
输入电压	9V / 5V
工作环境温度	0°C ~ 45°C
产品尺寸	125.0 × 75.2 × 15.5mm
净重	204g

有关清洁的注意事项

1. 请用软布来清洁补光灯, 您可以布稍稍沾上一些中性的清洁剂来擦去较难去除的污垢, 然后用软布将其擦干。
2. 切勿使用烈性的清洁剂, 如稀释剂、汽油或酒精等, 因为这些溶剂会损坏表面的保护层。

保修条款

请保留您的原始购买单据及保修卡,同时包含您的购买日期、产品序列号等,这些资料质保服务时均需要提供。

售后质保条款

SmallRig产品自下单付款之日起享有质保服务。

- 电子产品(除V口电池): 1年质保。
- V口电池: 2年质保。
- 非电子产品: 2年质保。

注:若销售地国家或地区的适用法律法规有冲突的,以销售地国家或地区有关质保期的法律法规为准。

质保无效说明

1. 当用户违反操作指引或用户手册中“重要提示”任何一条导致的质量失效,不在质保范围内。
2. 产品序列号标识已经被撕毁或无法辨识,不在质保范围。
3. 产品使用不当等非产品本身质量问题,而造成的产品损坏,不在质保范围。
4. 非官方指导的私自改装、拆解、维修等行为而造成的损坏,不在质保范围。
5. 因火灾、水灾、雷击等不可抗力造成的产品损坏,不在质保范围。

维修方式

- 属于质保范围的,SmallRig 根据产品具体的故障对产品进行维修或更换;维修后的产品 / 部件享受原有保修期的剩余时长。

联系方式

- 建议您优先前往相应购买平台联系在线客服,提出产品维修申请。
- 您也可以通过 SmallRig 服务邮箱申请维修服务。

服务邮箱:support@smallrig.com

保修卡

ID编号	
产品名称	
购买日期	
用户姓名	
用户电话	
用户地址	
购买单据	

制造商: 深圳市乐其创新股份有限公司

地址: 中国广东省深圳市龙华区观澜街道新澜社区观光路 1301-50 号丰和工业园厂房
5 栋 103、501、601

委托商: 深圳市乐长科技有限公司

地址: 中国广东省深圳市龙华区观澜街道新澜社区观光路 1301-50 号丰和工业园厂房
5 栋 602

执行标准: GB 7000.1-2015

LQ-B004-18



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et batterie
se recyclent

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EN MAGASIN



À DÉPOSER
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RoHS

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LE TRI
+ FACILE



Boîte 1



Papier 5



Sachet 3



BAC DE TRI

Séparez les éléments avant de trier



中国制造