版本	更新内容	更新日期
00	成品文件	20211214

100mm

140mm

SmallRig

- RC120D -

LED Video Light

User manual

Foreword

Thank you for choosing SmallRig RC 120D LED Video Light.

·Instructions·

1. Please read this user manual carefully.
2. Keep this user manual and always include it when passing the product onto the third party.
3. Heed all warnings and follow all instructions in this user manual.
4. Close supervision is necessary when any fixture is used by or near children. Do not leave the fixture unattended while in use.
5. Care must be taken as burns can occur from touching hot surfaces.
6. Do not operate the fixture if a cord is damaged or if the fixture has been dropped or damaged until it has been examined by qualified service personnel.
7. Position any power cables so that they will not be tripped over, pulled or put into contact with hot surfaces.
8. If an extension cord is necessary, a cord with an amperage rating at least equal to that of the fixture should be used. Cords rated for less amperage than the fixture may overheat.
9. Always unplug the lighting fixture from the electrical outlet before cleaning and servicing or when not in use. Never yank the cord to remove the plug from the outlet.
10. Let the lighting fixture cool completely before storing.
11. To reduce the risk of electric shock, do not immerse this fixture in water or any other liquids.
12. To reduce the risk of fire or electric shock, do not disassemble this fixture. Contact smallrig@smallrig.com or take it to qualified service personnel when service or repair work is required.
13. The use of an accessory attachment not recommended by the manufacturer may increase the risk of fire, electric shock, or injury to any person operating the fixture.

ATTENTION
DO NOT TOUCH LIVE PARTS WHEN ENERGIZED

14. Power this fixture by connecting it to a grounded outlet.
15. Please remove the protection cover before powering the light.
16. Please remove the EVA protection cover before using the reflector.
17. Please do not block the ventilation and do not look at the light directly when it is powered on.
18. Please do not place the LED lighting fixture near any liquids or other flammable objects.
19. Only use a dry microfiber cloth to clean the product.
20. Please have the product checked by an authorized service personnel agent if your product has a problem.
21. The malfunctions caused by unauthorized disassembly are not covered under the warranty.
22. We recommend only using the original SmallRig cable accessories. Please note that our warranty for this product does not apply to any repairs required due to any malfunctions of unauthorized SmallRig accessories, although you may request such repairs for a fee.
23. This product is certified by CE,UKCA,RoHS,FCC,ICTELEC and IMAC.Please operate the product in full compliance with the operation standards. Please note that this warranty does not apply to repairs arising from malfunctions, although you may request such repairs on a chargeable basis.
24. The instructions and information in this manual are based on thorough, controlled company testing procedures. Further notice will not be given if the design or specifications change.

FCC Statement

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.
Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this 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.
RF Exposure Information
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

ISED Statement

English This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause undesired operation of the device.
The digital apparatus complies with Canadian CAN ICES-3 (B)/NMB-3(B).

French: Cet appareil contient des émetteurs/récepteurs exempts de licence qui sont conformes aux RSS exemptés de licence d'Innovation, Sciences et Développement économique Canada.
L'exploitation est soumise aux deux conditions suivantes :
(1) Cet appareil ne doit pas provoquer d'interférences.
(2) Cet appareil doit accepter toute interférence, y compris les interférences susceptibles de provoquer un fonctionnement indésirable de l'appareil.
l'appareil numérique du ciern conforme canadien peut - 3 (b) / r'nnb - 3 (b).

This device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS 102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

cet appareil est conforme à l'exemption des limites d'évaluation courante dans la section 2.5 du cnr - 102 et conformité avec rss 102 de l'exposition aux rf, les utilisateurs peuvent obtenir des données canadiennes sur l'exposition aux champs rf et la conformité.

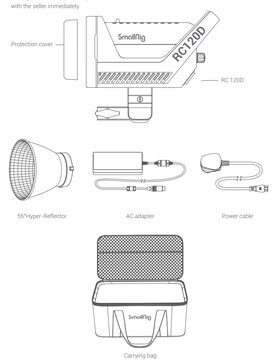
This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment.
Cet équipement est conforme aux limites d'exposition aux rayonnements du Canada établies pour un environnement non contrôlé.

The device has been evaluated to meet general RF exposure requirement
This equipment should be installed and operated with minimum distance 0mm between the radiator & your body.

L'appareil a été évalué pour répondre aux exigences générales d'exposition aux RF. Cet équipement doit être installé et utilisé avec une distance minimale de 0 mm entre le radiateur et votre corps.

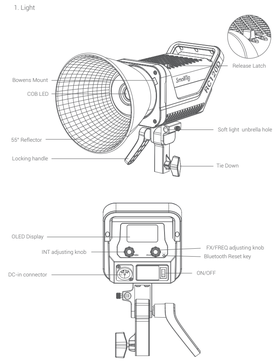
Check list

When you unbox the product, please make sure all the items below are included. Otherwise, contact with the seller immediately.



Product Details

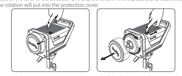
1. Light



Installations

1. Attaching /detaching the protection cover

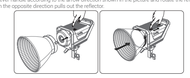
Push the handle of the lever in the direction of the arrow shown in the picture, and rotate the cover to pull it out. Reverse rotation will put into the protection cover.



(* Notice: Always remove the protection cover prior to turning on the light. Always reinstall the cover when packing it away.)

2. Installation and removal of the reflector

Push the lever handle according to the arrow direction shown in the picture and rotate the reflector into it. Rotating in the opposite direction pulls out the reflector.

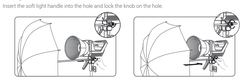


3. Setting up the light

Adjust the light to the appropriate height, rotate tie-down to fix the light on the stand. Then,adjust the light to the required angel and tighten the lock handle.

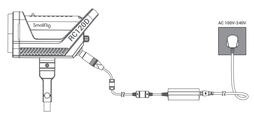
4. Soft light umbrella installation

Insert the soft light handle into the hole and lock the knob on the hole



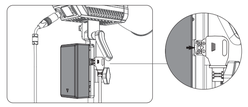
The power supply

1. Powered by AC



Notice: Please press the spring-loaded lock button on the power cord to remove the cord.
Do not pull it out forcibly.

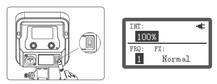
2. Powered by V-mount battery



Notice :
(1) Please press the spring-loaded lock button on the power cord to remove it. Do not pull it out forcibly.
(2) V-mount battery plate, battery, and power cable are not standard configurations and need to buy separately.
(3) The input voltage of the light is between DC 12V and DC 30V.
(4) The V-mount batteries that are 14.4V or 26V with the capacity above 150Wh are recommended to use with the light.

Operations

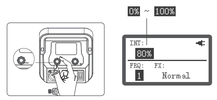
1. Press the power button to turn the light on and off.



2. Manual control

2.1 Brightness adjustment

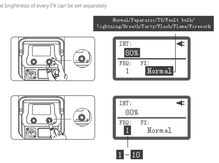
Rotate the INT adjusting knob to adjust the brightness with 1% variable and the brightness change range is 0-100%, the change of the brightness will be displayed in real time on the light body.



2.3 FX control

4. Rotate the FX knob on the right to get Normal and Paparazzi/TV/Fault bulb/Lightning/Breath/Party/Flash/ Flame/Firework, nine kinds of FX.
5. Shot Press the FX knob then switch to the frequency adjustment, the change range is 1-10.

Notice: The brightness of every FX can be set separately.



3. Bluetooth reset

3.1 Long press the Reset button for 3 seconds, the Bluetooth icon will appear in the upper right if the LCD display. The icon flashes 6 times and the Bluetooth is reset.
3.2 Then you can connect the light through SmallGoGo and control it again.

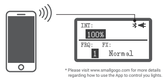
4. OTA mode

Firmware updates can be updated online via the SmallGoGo App for OTA updates.

5. App control

The user can download the SmallGoGo App and connect the the device named 120D-xxxxxx. After the light is controlled by the App,the Bluetooth icon will be displayed on the upper right of the light LCD.

Notice: Please enable the mobile location function when using the App.



* Please visit www.smallgogo.com for more details regarding how to use the App to control you lights.

6. Using the SmallGoGo App

You can download the SmallGoGo App from the iOS App or Google Play Store for enhancing the functionality of the light.
Please visit www.smallgogo.com for more details regarding how to use the app to control you lights.

Operation Manual　　App Download

Specifications

Light Operating Current	7.9A(@DC 19V)	Power Consumption	150W
Light Power Supply	DC12-30V	Cooling Mode	Active Cooling
Adapter Power Supply	AC100-240V 50/60Hz	CRI	95+
TLCI	96+	App Control Type	Bluetooth
Color Temperature	5600k	Remote Ability	100m
Radio Frequency	2.4GHz	Power supply	AC / V-mount batteries
Size	240×122×237.6 mm	Weight	2425 g

Photometrics

CCT	Distance / Illumination	1m	3m	5m
5600K	Bare Bulb	499(lc)	56(lc)	23(lc)
		5370(lux)	6050(lux)	2460(lux)
	Hyper-Reflector	5818(lc)	457(lc)	156(lc)
		62600(lux)	49200(lux)	16800(lux)

*This is an averaged result,the number might be slightly different on each light.

Service Warranty

Please keep your original purchase receipt and warranty card, including your purchase date, product serial number, etc., which are required for the warranty service.

After-sale warranty terms

1. 7 Days DOA Return Policy: Within 7 Days from the package receipt date, return or replacement can be done if the item received is malfunctioning or physically damaged (non-artificial damage), return shipping cost will be on SmallRig's charge.
2. 30 Days Free-Reason Return Policy: Within 30 Days from the package receipt date, return or replacement can be done if the item is in good condition (without any malfunction or physical damage). The return shipping cost will be on the customer's charge.
3. 1-Year Warranty: Within 1-year from the package receipt date, the defective product (non-artificial damage) is eligible to get repair/replacement for free. The defective product (artificial damage) will be charged for repairing/replacement based on the damage level.

This warranty does not cover

1. Defect caused by users' violation of the "Instructions" and "Operation Instructions".
2. The product identification or SN label is removed or defaced in any way.
3. The product is serviced or repaired by anyone other than our company or the service agency authorized by our company.

Guarantee Card

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

Made in China

技术要求(包装物料)

1.材料:按图纸
2.工艺:按图纸
3.尺寸:图纸中需包含必要的外观管控尺寸供质量部检验,
公差依照图表公差表
5.外观:外观要求参照样板,符合《乐其检验标准》
6.其它:所有材料要符合RoHS环保要求

默认公差尺寸表

尺寸(mm)	>0-10	>10-20	>20-50	>50-100	>100-200	>200
公差(mm)	0.5mm	1.0mm	1.0mm	1.25mm	1.50mm	1.75mm

纸张厚度标准:

- 铜版纸类印刷品:纸张克重依据印刷行业行业标准
- 坑纹纸类印刷品:破裂强度及边压强度依据印刷行业行业标准

SmallRig

深圳市乐其网络科技有限公司
Shenzhen Leqi Network Technology Co., Ltd

包装设计师		ID		MD	
市场部		质量工程师		认证工程师	
产品经理		项目经理		开发部经理	

备注:

MODEL(成品品号)	3470				
PART_NO.(物料编号)	LQ-P332-18	PAGE	1/1	REV	00
PART_NAME(零件名称)	说明书	UNIT	mm	VIEW	SR-D-RD-028/1.0