Manuals+ — User Manuals Simplified.

GVM®
SD80S-V3 Great
Video Maker

GVM-SD80S-V3 Great Video Maker Instruction Manual

Contents

GVM®

GVM-SD80S-V3 Great Video Maker

Product Usage Instructions

- Read the product manual carefully before use.
- Operate in a temperature range of -10 to 40 degrees Celsius.
- Avoid placing near flammable substances.
- Ensure the device has cooled down before storing.
- This product is designed for senior photographers for live broadcast, outdoor, studio photography, and YouTube video shooting.

FAQ

- **Q:** Can I use non-original power cords with the product?
- **A:** It is recommended to use the original power cords provided by the manufacturer to prevent damage or accidents. Non-original power cords are not covered under repair services.
- **Q:** What happens if the equipment malfunctions due to non-standard operations?
- **A:** Malfunctions caused by non-standard operations are not covered under the warranty. It is essential to follow the user manual for correct operation.
- **Q:** How do I ensure the warranty remains valid?
- **A:** The warranty lasts for one year, but using unauthorized repair services or accessories can invalidate it. Ensure proper use and maintenance as per the instructions.

IMPORTANT SAFETY INSTRUCTIONS

First and foremost: this product is professional lighting and staging equipment and should be used by a professional lighting technician or under the guidance of a professional. When using this product, you must always follow the cautions below:

1. Read the product manual carefully before use.
2. This product is only suitable for use in a temperature range of -10℃ to 40℃.
3. Do not place the equipment near flammable and volatile solvents such as alcohol and gasoline.
4. Before storing the device, make sure it has cooled down completely. When being stored, unplug the power cord from the device. The equipment should be stored in its carrying case or a well-ventilated and dry place.
5. This lighting fixture is not for general illumination and should not be used as such.
   Individuals with eye injuries or sensitivity should avoid using this lighting fixture.
6. This is a professional light and children are prohibited from using it. Parents or guardians must closely supervise children when they are near the equipment to prevent personal injury caused by colliding with or misusing the equipment.
7. Before using the equipment, please remove the protective cover.
8. When the lighting fixture is on, it is forbidden to stare directly at the light source under any circumstances. High-intensity lighting should only be used under the guidance of a professional lighting technician. Avoid staying in a high-intensity light environment for a long time. If feeling any discomfort, please immediately turn off the lighting fixture, and seek medical attention.
9. When the lighting fixture is on, use it carefully and avoid contacting high-temperature components such as LED light sources to prevent being burnt.
10. Do not use damaged equipment or accessories. Wait for a professional repairman to inspect and repair it before it is confirmed that the equipment can function normally.
11. If the light source is damaged or deformed due to heat, please stop using it and contact the manufacturer, service agents, or qualified repairman promptly to replace the light source to avoid accidents.
12. If the product is cracked due to falling, squeezing, or strong impact during use, please stop using it to avoid being electrically shocked by touching internal electronic components.
13. Do not disassemble the product by yourself. If the product malfunctions, it must be checked and repaired by the manufacturer or authorized repair personnel.
14. Before cleaning and maintenance, be sure to unplug the power supply. To unplug never pull on the cable but always pull the plug itself. This device shall only operate with earthed power outlets or emergency power generators.
15. When cleaning the device, do not wipe it with a wet cloth. Use a dry and soft cloth to wipe off the dirt.
16. If an extension cord is required, it needs to have the necessary capacity to power the respective unit. Using an extension cord with a lower current capacity than the devices need may cause overheating.
17. For some products with long power cords, please place the power cords properly and avoid contact with overheated surfaces that may damage or trip personnel. Please use the original power cords of our manufactory. The damage caused by using non-original power cords is not covered by our repair service.
18. Do not use product accessories that are not recommended by our brand to avoid fire, electric shock, or personal injury.
19. Some products use batteries for power supply. Do not use any batteries, power sources, or accessories that are not specified in the user manual. Please keep batteries and other accessories out of reach of children and

infants. If a child or infant swallows a battery or accessory, seek medical attention immediately. If the battery leaks, changes color, deforms, smokes, or emits an odor, remove it immediately. Be careful not to get burned during the removal. Continued use of such batteries may cause a fire, electric shock, or skin burns. Do not use any deformed or modified batteries. Do not disassemble or modify this product or the battery. Do not heat the battery or solder it. Do not let the battery come into contact with fire or water, or subject it to strong external force. Do not insert the battery's positive and negative ends incorrectly, or mix and use old and new batteries or different types of batteries.

20. For some products with built-in lithium batteries, please use a dedicated charger for charging, and follow the correct operating instructions within the prescribed voltage and temperature range.

21. The warranty lasts for one year. Consumables like batteries, adapters, power cords, and other accessories are not covered by the warranty.

22. The one-year warranty will be invalidated if the equipment is found to have been repaired privately. The related repair costs will be charged.

23. Equipment malfunctions caused by non-standard operations are not covered by the warranty.

24. The safety instructions are based on our factory's strict testing. If there are any changes in the equipment's design and specifications, we reserve the right not to notify you. Customers can visit our official website to check the latest digital version of the instructions and learn about the newest product information.

Keep these instructions!

WARNING

- High-power LED lights are strictly prohibited from being directly viewed or shining into other people's eyes.
- Do not unplug the power cord or connecting wires while the light is on to avoid personal injury.
- Do not cover the heat dissipation port when the lamp is in operation.
- Keep children away from touching or using this light.
- As professional lighting equipment, please make sure to operate it correctly according to the user manual.

PRODUCT INTRODUCTION

Thank you for purchasing our "GVM-SD80S". This product is specially designed for senior photographers. The product usage scenarios are suitable for live broadcast / outdoor / studio photography, etc., and can also be used for YouTube video shooting.
The main features of the product are:

1. Stepless adjustable Lighting Effects Brightness as you want in 5600K color temperature. There is a high color render index CRI97+ COB lamp bead in the light. It helps to restore and enrich the color of objects, providing you with natural and vivid shooting effects.

2. In-app control mode, you can easily control the light with your IOS and Android intelligent mobile device. Meanwhile, the light supports Bluetooth mesh networking and can be controlled in groups with GVM brand devices that support mesh networking.

3. It has an LCD and a stable system, which supports multiple-angle rotation and can effectively control light. It is also equipped with a standard lampshade. After installation, it makes the lighting softer. Customized control fills the light, allowing you to easily and easily shoot the desired results.

4. Can simulate 12 kinds of scene lights: Lightning, Intensity Loop, Candle, Bad Bulbl, TV, Paparazzi, Explosion,

Pulsing, Strobe, Fire, Fireworks, and Welding.

We firmly believe that the correct use of this product will be of great help to your shooting work. It is strongly recommended that you read the following user guide carefully before using the product.

DISCLAIMERS

1. Before using this product, please read the text carefully to ensure that the correct operation of the product has been carried out. Failure to follow and not following the instructions and warnings in this document may cause harm to you and others around you, or even damage the product or other surrounding items.
2. By using this product, you are deemed to have carefully read the disclaimer and warning, understand and acknowledge all the terms and contents of this statement, and promise to take full responsibility for the use of this product and the possible consequences.
3. Design and specifications are subject to change without notice.

PRODUCT PARAMETER

- **Brand:** GVM
- **Product Name:** Photography Lights
- **Product Model:** GVM-SD80S
- **Product Type:** Photography Fill Light
- **Functions/Features:** LCD Screen, High Display COB Lamp Beads, APP Control, MESH Networking
- **Bluetooth Controllable Distance:** ≤50M
- **Light Adjustment Method:** Stepless Adjustment
- **Color Rendering Index:** ≥97
- **Color Temperature:** 5600K
- **Illuminance: Bare Light:** 13100 lux@0.5m,3260 lux@1m
- **Plus Standard Cover:** 116600 lux@0.5m,21400 lux@1m
- **Power:** 80W
- **Product Weight:** 1.2 KG
- **Product Size (mm):** 153×122×223
- **Lamp Beads Quantity:** COB×1
- **Power Supply Mode:** DC & Battery
- **Power Supply:** DC:15V/7A
- **Voltage:** AC 100~240V
- **Battery Type:** Np Series Battery (Need To Buy Separately)
- **Cooling:** Fan Forced Cooling
- **Product Material:** Aluminum Alloy + Plastic
- **Commodity Origin:** Huizhou, China

PRECAUTIONS

1. Please use the matching power adapter to power the product, do not use the power adapter with different output voltage parameters to light the product;
2. The video light is not waterproof, please use it in a rain-proof environment.

3. The video light is not anti-corrosion, please don't let the light come into contact with any corrosive liquid.

4. When you use the light, make sure that the light is placed firmly to prevent it from falling and being damaged.

5. When the light is not used for a long time, please turn off the power of it to save energy consumption.

6. Over temperature protection reminder:

   When the temperature exceeds the set protection temperature, the over-temperature protection program is executed, the brightness is reduced to 10% and flashes at a frequency of 1 second, that is, on for 1 second and off for 1 second.

## PRODUCT STRUCTURE DIAGRAM
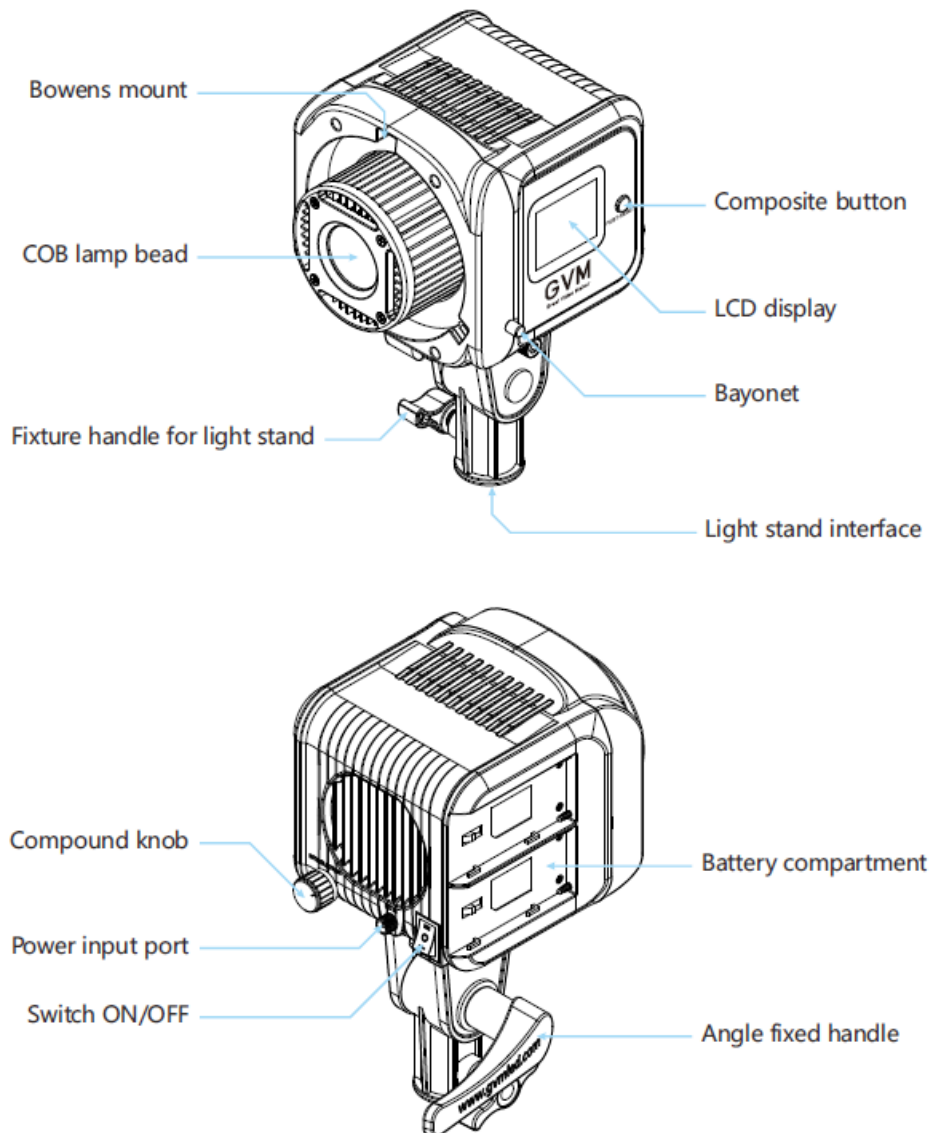
INSTALLATION METHOD

1. Rotate the lamp holder fixing handle clockwise to install and fix the lamp on the bracket, and turn it counterclockwise to unload.
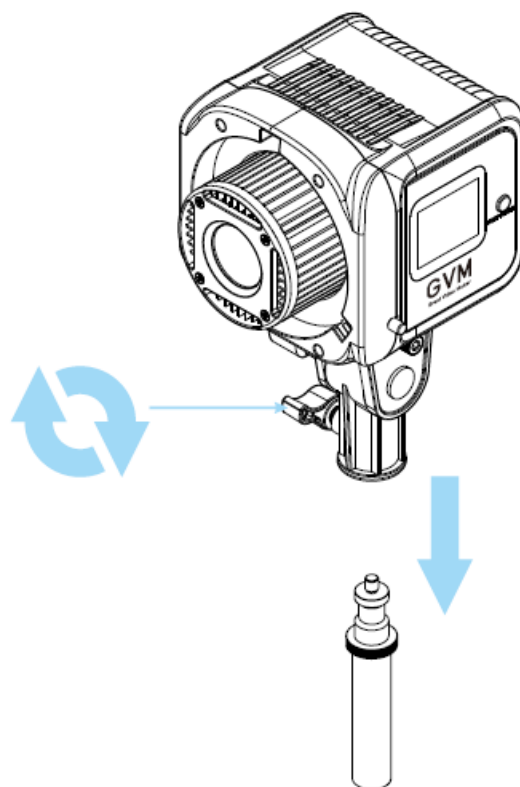
2. Loosen the angle fixing handle, adjust the angle of the spotlight you need, and then tighten the angle fixing handle.
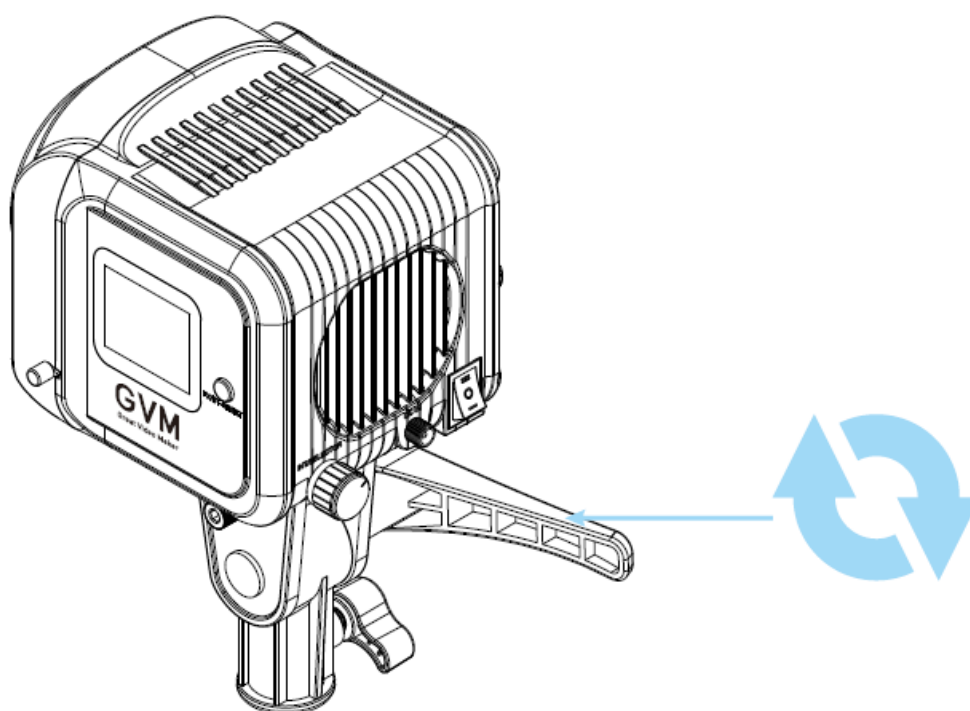
3. Insert the Bowens Mount of the standard cover into the Bowens Mount of the lamp correspondingly, and then turn it slightly clockwise to install the standard cover on the light. Push the Bowens Mount removal buckle to the upper right and turn the standard cover counterclockwise to remove the standard cover.
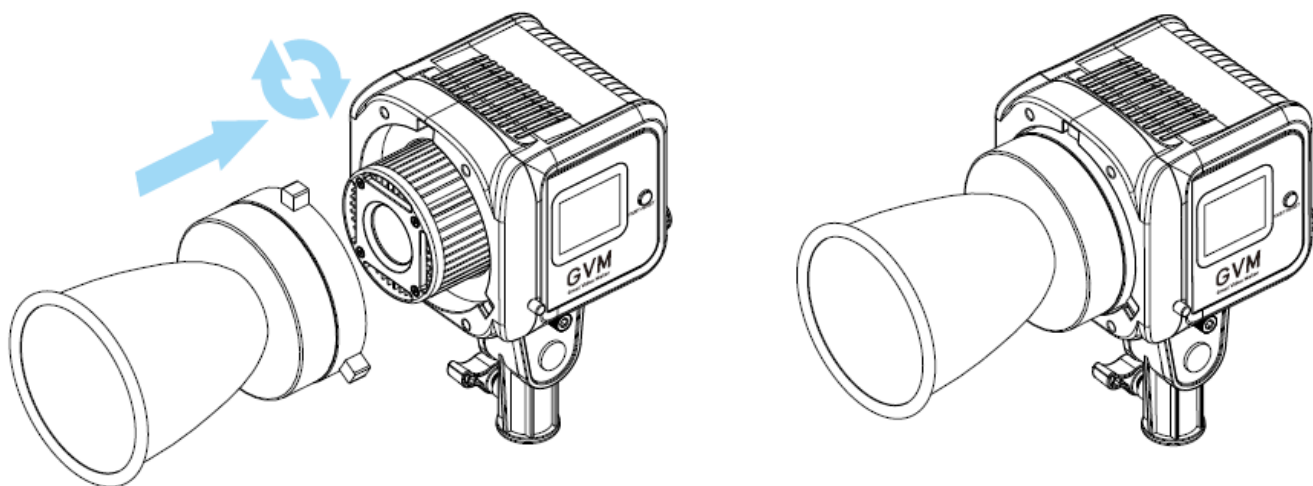
4. Connect the power cord to supply power.
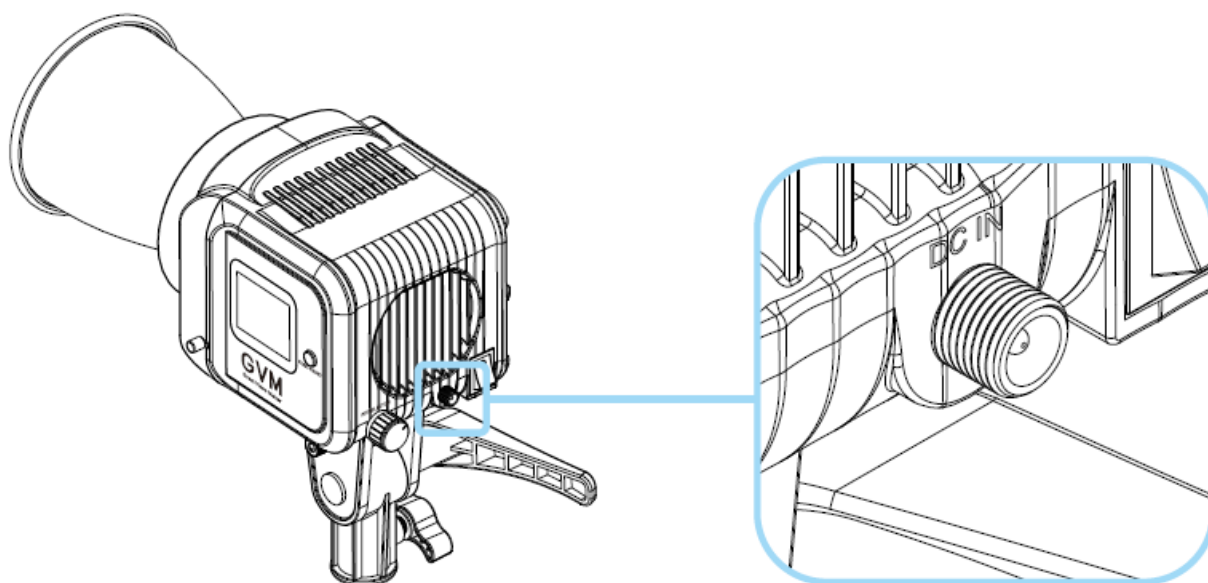
5. Outdoor use can be powered by a suitable battery.
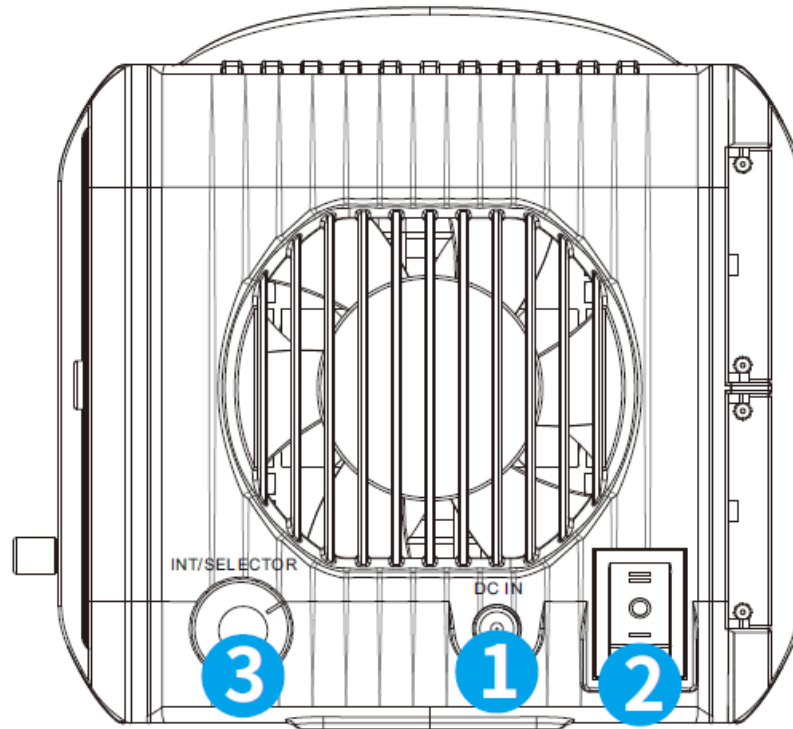
(Battery needed to buy separately)
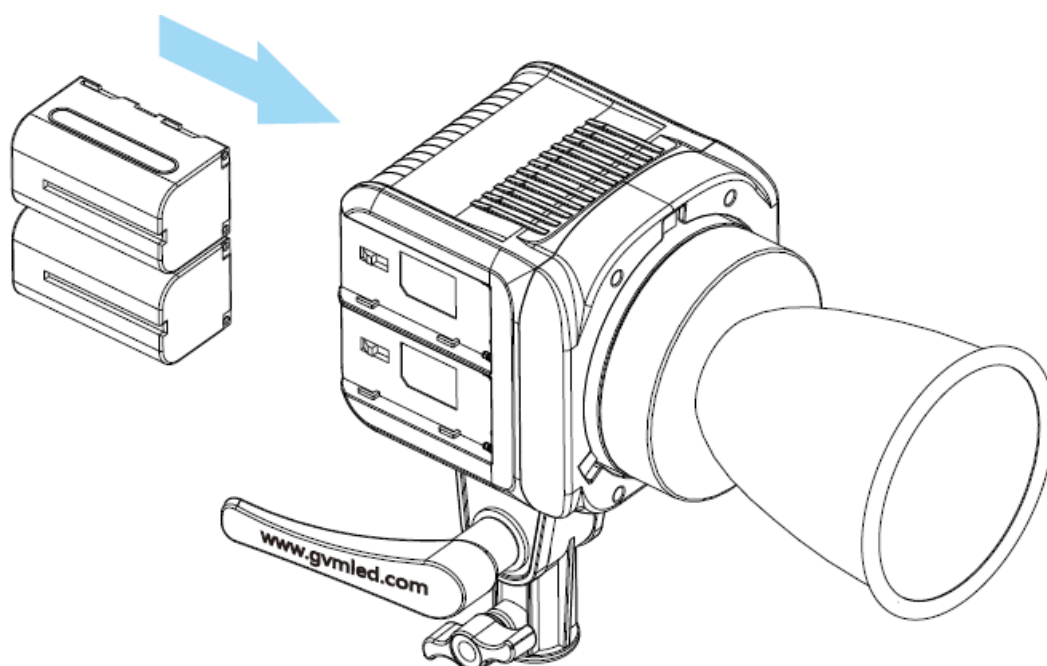
DESCRIPTION OF PRODUCT CONTROL KEYS

1. Power input interface
2. Switch:
   - Turn the switch to ▰▰ the position, the video light uses the DC input power supply;
   - Turn the switch to the ▰▰ position, and the video light uses battery power.


3. Composite Knob: INT/SELECTOR
   1. Rotate the encoder to adjust the parameters of the corresponding item;
   2. In white light adjustment brightness, short press the knob to quickly change the brightness; in FX light effect mode, short press the knob to switch the light effect type;
   3. Press and hold for 2 seconds to release, and switch the knob adjustment items: In light effect mode, switch to adjust the brightness, and rate of the light effect.
4. Composite button: FX/BT-RESET
   1. Short press and release to enter light effect mode or return to white light mode;
   2. Press and hold for 2 seconds to release, and reset Bluetooth;
   3. Press and hold the button for 10 seconds and release it to restore the system's default settings.
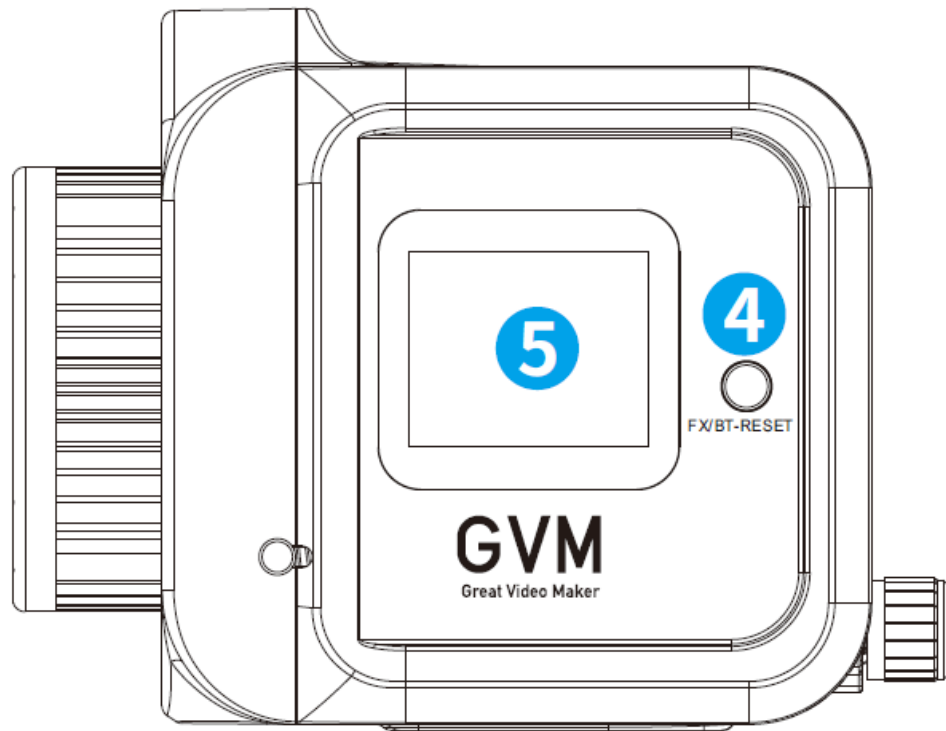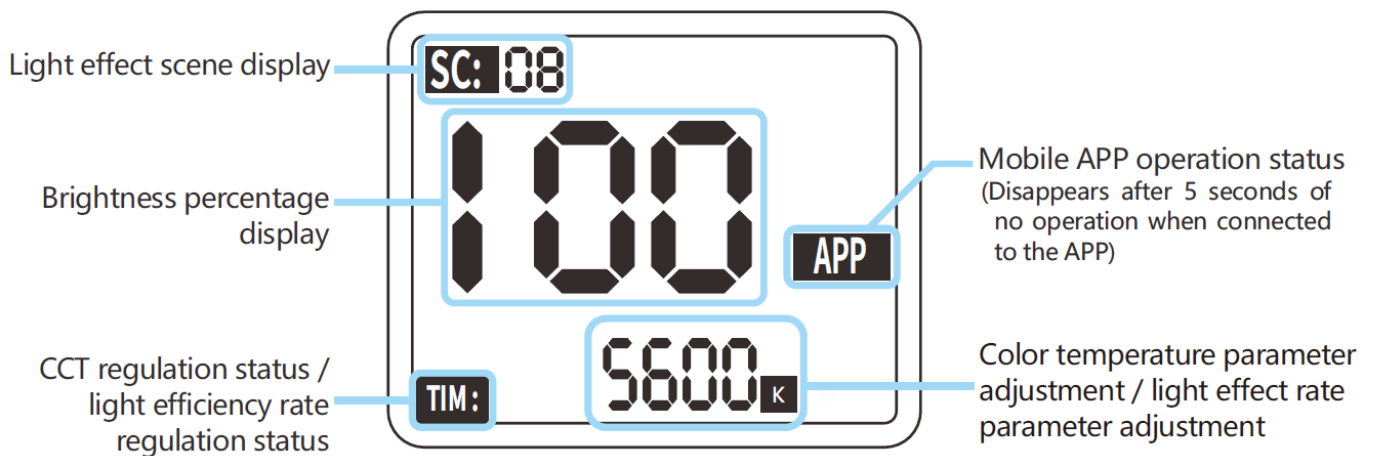
5. LCD display: can display the current mode and parameters of the lamp.

FUNCTION INSTRUCTION & INSTRUCTION FOR USE

LCD Display

- Displays the current brightness, light mode, light parameters, and scene number of the light.

Light effect scene display — SC: 08

Brightness percentage display — 100

Mobile APP operation status
(Disappears after 5 seconds of no operation when connected to the APP) — APP

CCT regulation status / light efficiency rate regulation status — TIM:

5600 K

Color temperature parameter adjustment / light effect rate parameter adjustment

Adjust brightness (INTENSITY)

- Press and hold the compound knob for 2 seconds and then release it to switch to brightness adjustment, rotate the compound knob to adjust the brightness.
- In white light mode, short-press the composite knob to quickly change the brightness.
- In APP mode, connect to the APP and adjust the brightness through the APP

Adjust Scene Light Effect (SC)

- The scene mode has 12 scenes: Lightning, , Intensity Loop Candle, Bad Bulbl, TV, Paparazzi, Explosion,

Pulsing, Strobe, Fire, Fireworks, Welding.

- Short press the compound button to switch the light mode to light effect mode → long press the compound knob for 2 seconds and release it to switch the light effect brightness and light effect rate adjustment items → rotate the compound knob to select the scene mode and adjust parameters such as brightness, time, etc.
- In light effect mode, short-press the composite knob to quickly change the scene.
- In APP mode, connect to the APP and adjust the scene through the APP.

APP CONTROL

APP Download Method
(Scan the QR code on the back of the manual to download the APP)
Android Device: Official website QR code, Google Play, Huawei Store, etc. iOS Device: App Store

Device-adding

1. Before adding a device, please make sure you have turned on your phone's Bluetooth and network data, accessibility to Bluetooth and network data, and then reset the lighting device's Bluetooth.
2. Click the "Add Device" button on the "My Devices" page to find the Bluetooth light devices that have been turned on nearby. (Figure 1)
3. Select the device to be connected for pairing. (Figure 2)
   Android requires location permissions to be turned on to connect your device using mesh technology, and we do not collect any of your location information during this process.
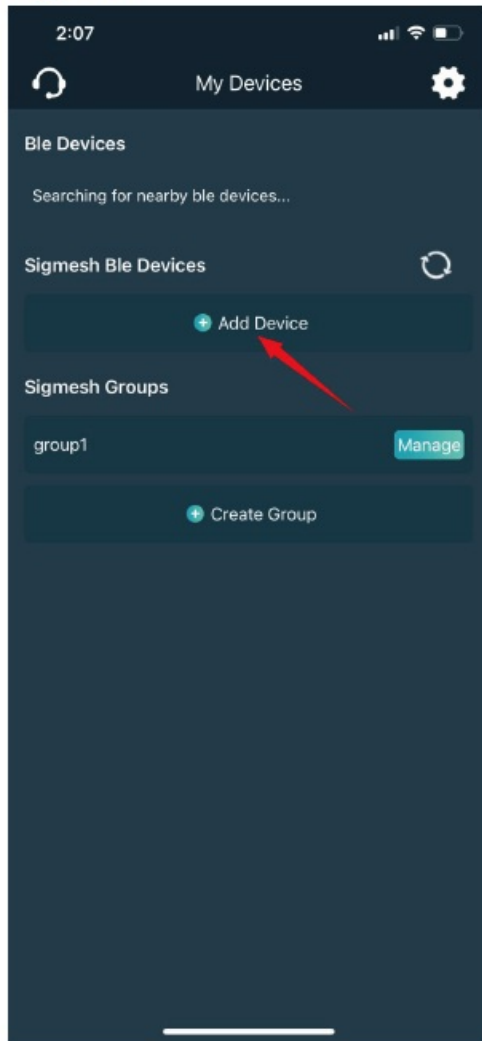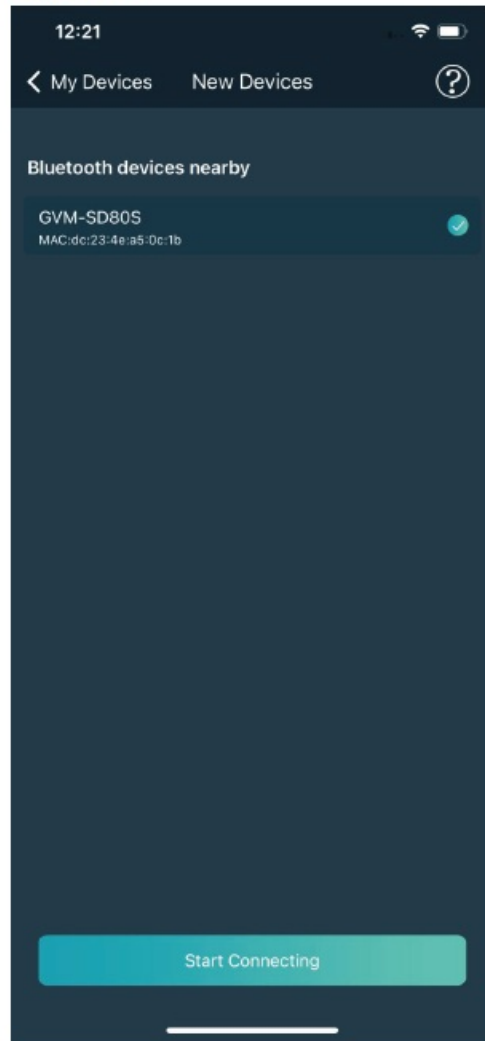
Figure 1

Figure 2

Device Management

1. After successfully adding your lighting device, your device will be displayed in the "My Devices" list. (Figure 3)
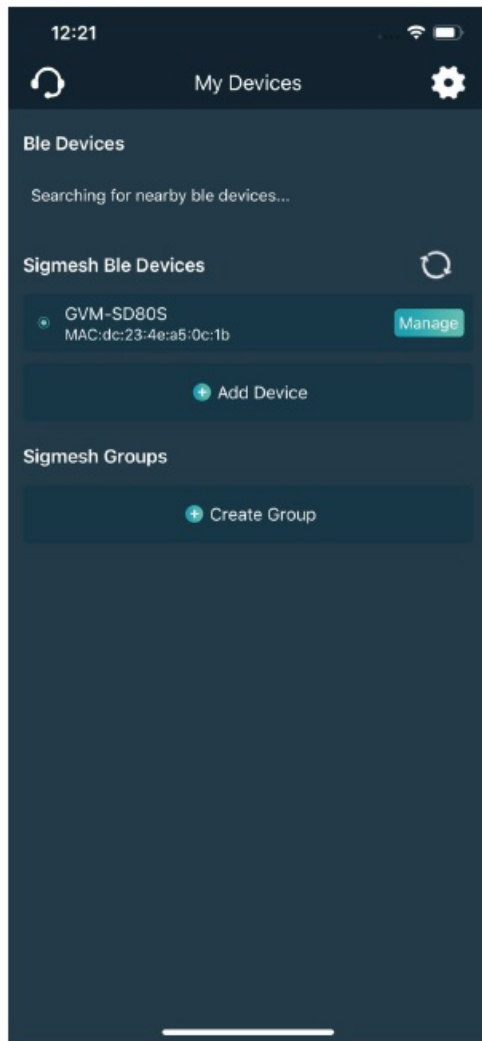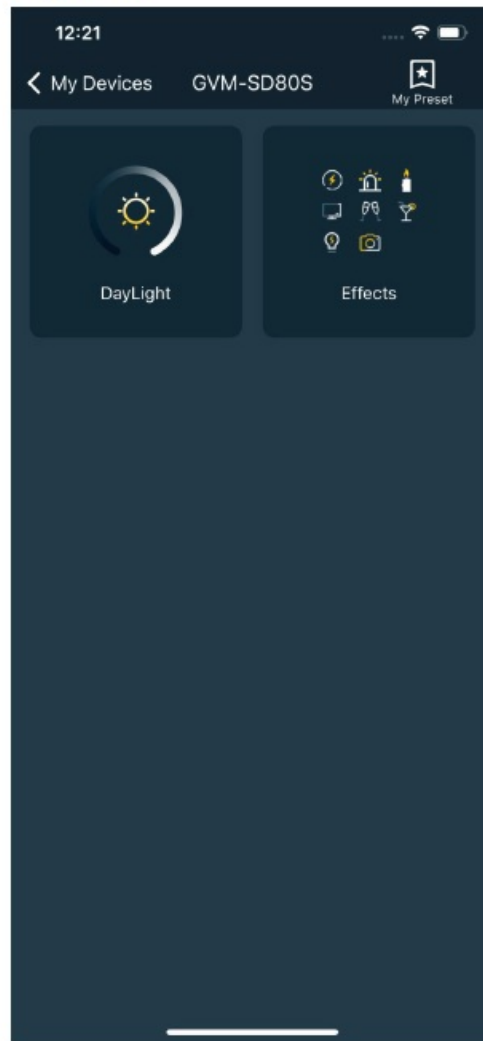2. Click on the Device to access the device control. (Figure 4)

Figure 3

12:21

My Devices

Ble Devices

Searching for nearby ble devices...

Sigmesh Ble Devices

GVM-SD80S
MAC:dc:23:4e:a5:0c:1b

Manage

⊕ Add Device

Sigmesh Groups

⊕ Create Group

Figure 4

12:21

‹ My Devices   GVM-SD80S

My Preset

DayLight

Effects

Account Login

- Use e-mail to get the verification code to log in (the first login automatically registers the account). (Figure 5)
- There may be a delay in sending the verification code, and the speed of delivery depends on the e-mail server you are using.
- Some email servers may recognize our verification emails as advertising promotions, please check your spam folder/inbox.
- After logging in, you can synchronize the Mesh Bluetooth devices bound to the current account to other smart devices.

Figure 5

TROUBLESHOOTING

QUICK TROUBLESHOOTING

Issue	Check the product	Troubleshooting
The indicator does not light up.	Whether the connection between the light and the power supply is normal.	Make sure the adapter is well connected with the power plug.
	When using a lithium battery to supply power, make sure that the battery does not have "low battery" protection.	Use the product after recharging the batteries.
While using the APP to add a device, the Bluetooth of the device cannot be found.	Check if the device is turned on properly and that it is not already paired by someone else connection.	Follow these steps: 1. Turn on the phone's Bluetooth and network data function, android devices need to turn on the GPS positioning. 2. Allow access to Bluetooth and network data, and GPS positioning. 3. Reset the device Bluetooth according to the user manual.
The APP failed to pair to a device.	Check if the device is turned on properly and has not been connected or paid for by others; Check if the Bluetooth and network conditions of the cell phone are good.	Reset the device Bluetooth and restart the app then try to connect again.
The device is no longer searchable after removing it from the APP.	Check if the device has been removed while it is offline or in poor network conditions.	Reset the device Bluetooth and then search again to add the device.
In-app device controls can not be accessed.	Check if the device is online (small green light displayed); If it's offline, please advise to the Distribution Network Connection Failure steps.	Reboot the device, wait for 5 seconds, and wait till it shows an online status. To control it; Reset the device Bluetooth and then add the device back to the device list.

USE AND PRESERVATION

- Do not place the product in a high humidity, strong electromagnetic field, direct sunlight, or high-temperature environment. If the product will not be used for a long time, please disconnect its power and remove the battery.
- **Clean:** Before cleaning, disconnect the power plug. Use a damp cloth instead of any detergent or soluble liquids to avoid damaging the surface layer.
- **Power:** Make sure the power is within the demanded range, not too high or too low.
- Correctly load the battery, in order not damage to the machine.
- **Repairing:** If there is a fault or performance degradation, do not unpack the shell by yourself, avoiding damage to the machine and losing the right of maintenance.
- When there is a fault, do not hesitate to contact us, and we will do our best to deal with the problem.
- **Accessories:** Please use the accessories provided by the manufacturer and approved ones, to maximize the performance.
- **Warranty:** Do not modify the product, or you will lose the right to maintenance.

PACKAGE LIST

Name	Quantity	Notes
Photography Light	1	
Power Cable	1	
Adapter	1	
Diffuser	1	
Instruction	1	

PRODUCT WARRANTY

- Dear user, this warranty card is important proof for applying for warranty service.
- Please cooperate with the salesperson to fill it out and keep it properly. Thank you!

Product Information	Model Number		Product Barcode	
User Information	Name		Contact Number	
	Mailing Address			
Seller Information	Name			
	Contact Number			
	Mailing Address			
	Sales Date			
Remarks				

Note: this form should be confirmed by the salesperson's stamp.

Applicable Products

- This document applies to the products listed in the relevant "Product Warranty Information" (see instructions below).
- Other products or components that do not fall within this scope (such as promotional products, gift items, and other components added after the factory) are not covered by this warranty promise.

Warranty Period

- The corresponding warranty period for products and components shall be executed according to the relevant "Product Warranty Information".
- The warranty period starts from the first day of purchase of the product, and the date of registration on the warranty card at the time of purchase shall prevail.

How to Obtain Warranty Service

- You can directly contact the product salesperson or authorized service agency, or call GVM's aftersales service hotline to contact us and have our service personnel arrange service for you.
- When applying for warranty service, you should provide a valid warranty card as a warranty certificate to be eligible for warranty service.
- If you cannot provide a valid warranty card, we may also provide you with warranty service under the circumstance that our products or components are confirmed to be within the warranty scope, but this is not our obligation.

Cases where the warranty does not apply
If the product meets the following conditions, the warranty and service under this document will not apply:

1. The product or parts have exceeded the corresponding warranty period.
2. Malfunctions or damages caused by incorrect or improper use, maintenance, or storage, such as improper handling, use for purposes other than the reasonable expectations of the product, incorrect insertion or removal of external devices, falling or crushing due to external force, or exposure to inappropriate temperature, solvents, acids, alkalis, water immersion, or damp environments.
3. Malfunctions or damages caused by unauthorized installation, repair, modification, addition, or disassembly by institutions or personnel not authorized by GVM.
4. Modifications, changes, or removals of the original identification information of the product or its parts.
5. Lack of valid warranty card.
6. Malfunctions or damages caused by the use of unauthorized, non-standard, or non-publicly released software.
7. Malfunctions or damages caused by force majeure or accidents.
8. Other malfunctions or damages are not caused by quality issues of the product itself. In such cases, you should seek solutions from the relevant responsible parties, and GVM will not be held liable.

Malfunctions or damages caused by components, accessories, or software not covered by the warranty or beyond the warranty scope that renders the product unable to function properly are not covered by the warranty. Fading, wear, and consumption that is normal during the product usage process are not covered by the warranty.

Product Warranty and Service Support Information
The product warranty period and service types are implemented according to the following "Product Warranty Information" for each product category, component, and optional equipment:

Product Category	Accessories Name	Warranty Period(Month)	Warranty Service Type
Component	Circuit Board.	12 Month	Customer service repair
Other	Spotlight mount, softbox, adapter, Standard reflector, power cord, battery Handle, light stand, TYPE-C cable, battery slot, battery, Fresnel lens, grid, carrying bag, and all other accessories, etc. Consumable or electrically sensitive parts are not covered by the warranty.	None	No Warranty

GVM Official website

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CONTACT

Huizhou Latu Film Equipment Co., Ltd.

- Web: **www.gvmled.com**
- B&H Email: **bh@gvmled.com**
- GVM Email: **support@gvmled.com**
- Amazon Email: **amazonsupport@gvmled.com**
- Warehouse Address: 12285 MCNULTY RD, STE 105 PHILADELPHIA, Pennsylvania 19154, USA

Documents / Resources

GVM GVM-SD80S-V3 Great Video Maker [pdf] Instruction Manual
GVM-SD80S-V3 Great Video Maker, GVM-SD80S-V3, Great Video Maker, Video Maker, Maker

References

- **GVM Lights Official Store - Great Video Maker - Video Lights**
- **User Manual**