



# GVM SD300C Great Video Maker Instruction Manual

[Home](#) » [GVM](#) » GVM SD300C Great Video Maker Instruction Manual 

## Contents

- 1 GVM SD300C Great Video Maker
- 2 Product Usage Instructions
- 3 IMPORTANT SAFETY INSTRUCTIONS
- 4 PRODUCT INTRODUCTION
- 5 PRODUCT PARAMETER
- 6 PRECAUTIONS
- 7 PRODUCT STRUCTURE DIAGRAM
- 8 INSTALLATION METHOD
- 9 DESCRIPTION OF PRODUCT CONTROL BUTTONS
- 10 FUNCTIONS INTRODUCTION & INSTRUCTIONS
- 11 APP CONTROL
- 12 USE AND PRESERVATION
- 13 QUICK TROUBLESHOOTING
- 14 PACKING LIST
- 15 PRODUCT WARRANTY
- 16 CONTACT
- 17 FAQ
- 18 Documents / Resources
  - 18.1 References

# GVM<sup>®</sup>



## Product Usage Instructions

- It is crucial to follow the safety instructions provided in the manual.
- This product is designed for professional use and should be handled with care.
- Operate the product within the specified temperature range of -20 to 45 degrees Celsius to ensure optimal performance and safety.
- Properly place the power cords to prevent damage or tripping hazards.
- Avoid contact with overheated surfaces that may cause harm.
- If your product has built-in lithium batteries, use a dedicated charger within the prescribed voltage and temperature range for safe and efficient charging.
- The product comes with a one-year warranty; however, certain items like batteries and adapters, are not covered. Avoid actions that may invalidate the warranty.

## 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 -20°C to 45°C.
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 device's 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-PRO-SD300C". This product is specially designed for photography and videography enthusiast. The product is suitable for use in live stream , outdoors , studio settings, and can also be used in YouTube video shooting.

The main features of the product are:

1. High quality LED light chips with high CRI ratings that help to restore and enrich the colors of objects, with natural and vivid looks.
2. It has 6 lighting modes: CCT mode, HSI mode, RGB mode, color gel mode, light source matching mode, and light effect mode.
3. APP control ability: Light can be controlled through your iOS and Android smart devices; it supports Bluetooth Mesh networking and can be grouped and controlled along with other GVM brand devices that support Mesh networking.
4. Equipped with a standard DMX interface, it can achieve low-precision 8-bit and high-precision 16-bit DMX control.

We firmly believe that the correct use of this product will be of great help to your production workflow. It is strongly recommended that you read the following user guide carefully before using this 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, understood and acknowledged all the terms and contents of this statement, and promised to take full responsibility for the use of this product and the possible consequences.
3. Design and specifications are subject to change without notice.

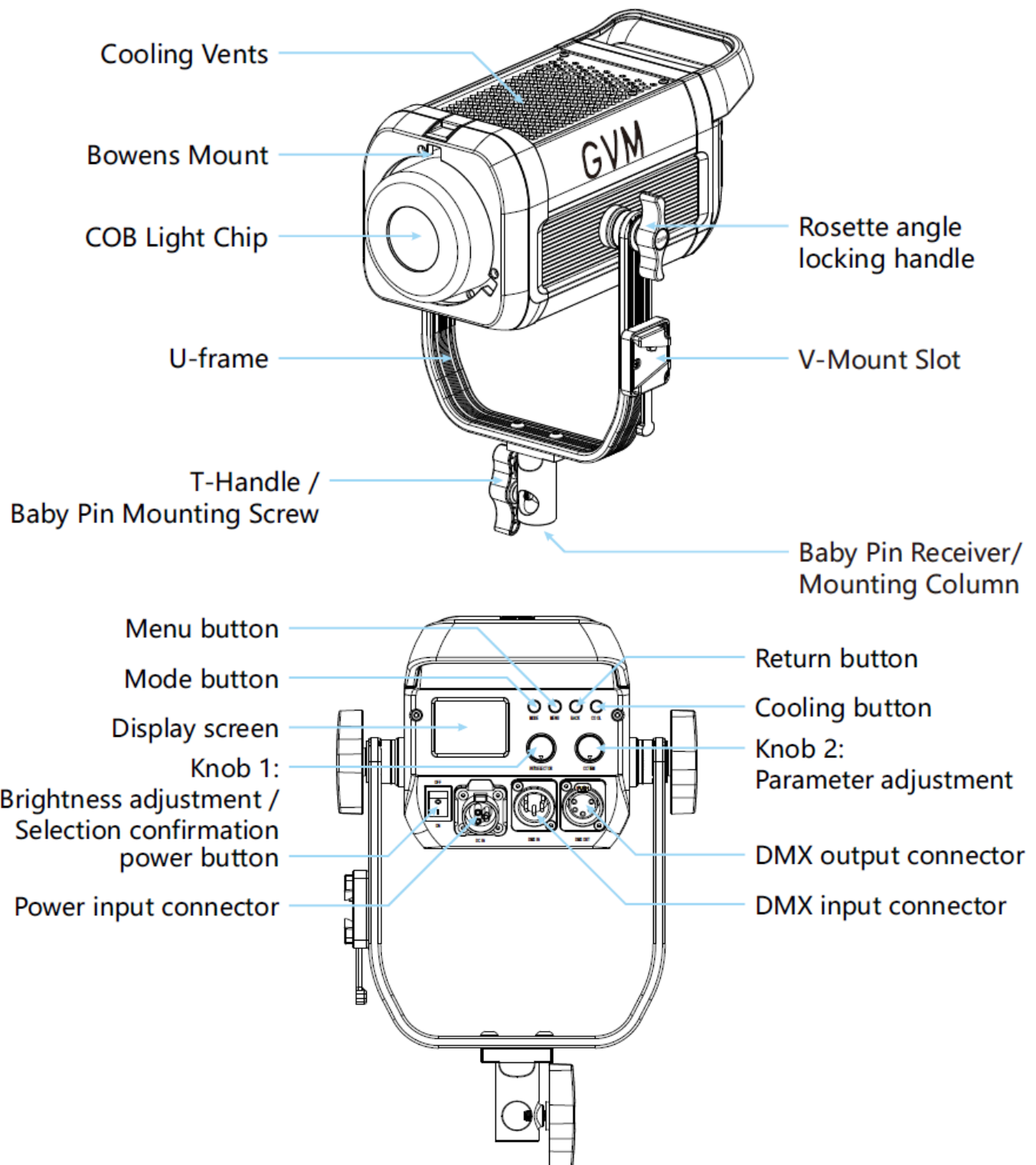
### **PRODUCT PARAMETER**

- Brand: GVM
- Product Model: GVM-PRO-SD300C
- Product Name: Photographic Light
- Product Type: COB Video Light
- Functions & Features: Multiple Light Effect Modes, High CRI Light Chips
- Control Method: Bluetooth APP Control, Bluetooth Mesh Networking,
- Built-in Light Control, Wireless Remote Control, DMX Control
- Bluetooth Controllable Distance:  $\leq 50\text{M}$
- Master-slave Controllable Distance:  $\leq 30\text{M}$
- Light Adjustment Method: Step-less Adjustment
- Color Rendering Index:  $\geq 97$
- Color Temperature: 2000K~10000K
- Illuminance: Bare Light 13100 lux@1m; Plus Standard Cover 48200 lux@1m
- Power: 300W
- Product Weight: 2.7 KG
- Product Size (mm): 292×130×134
- Number Of Light Chips: 1 (COB Light Chip)
- Power Supply Mode: DC Power Supply
- Voltage: AC100~240V
- DC Power Supply: 60V5A
- Cooling: Radiator + Fan
- Product Material: Aluminum Alloy
- Product Origin: Huizhou, China

## **PRECAUTIONS**

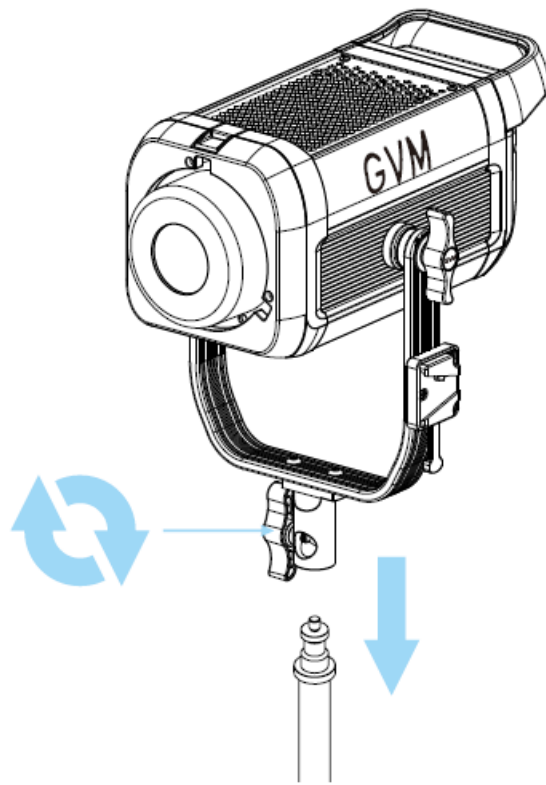
1. Please only use the included original power adapter to power the product. Do not use the non-original power adapter to power the product.
2. The product is not waterproof, please use it in a rainproof environment.
3. The product is not anti-corrosion; therefore, do not let the product touch any corrosive liquid.
4. When using the product, make sure the product is put firmly and prevent falling and damage.
5. If the product will not be used for a long time, please switch off the power to reduce energy loss.

## **PRODUCT STRUCTURE DIAGRAM**

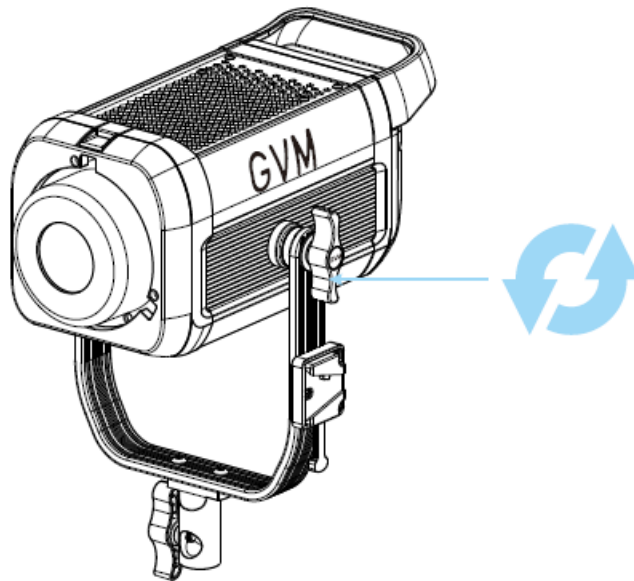


## INSTALLATION METHOD

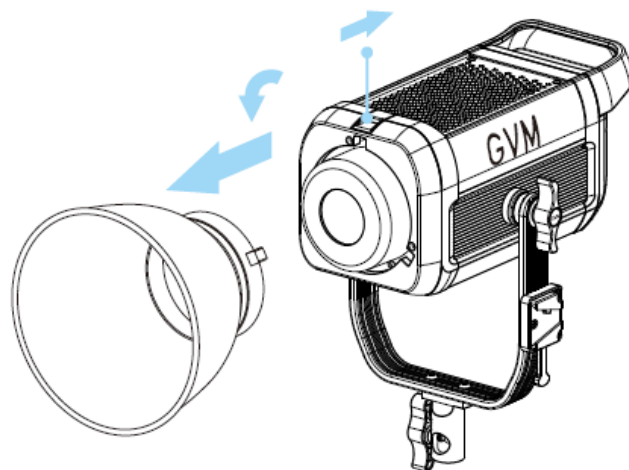
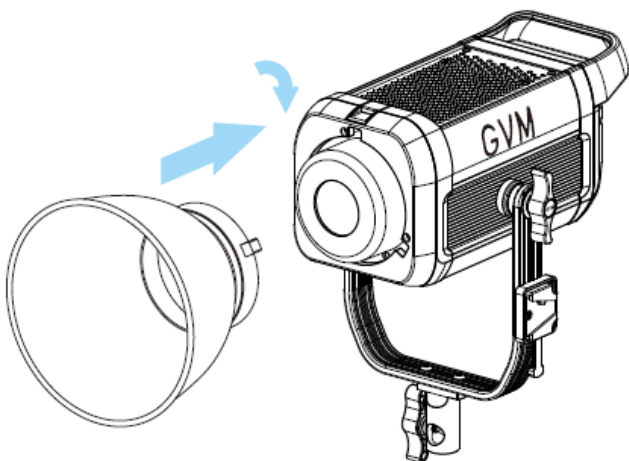
1. Loosen the light stand fixing knob, then mount the light onto the light stand as shown below, then tighten the light stand fixing knob to fix the light in place.



2. Loosen the angle locking handle, adjust the angle of the spotlight, then tighten the angle locking handle to fix the light in desired position.



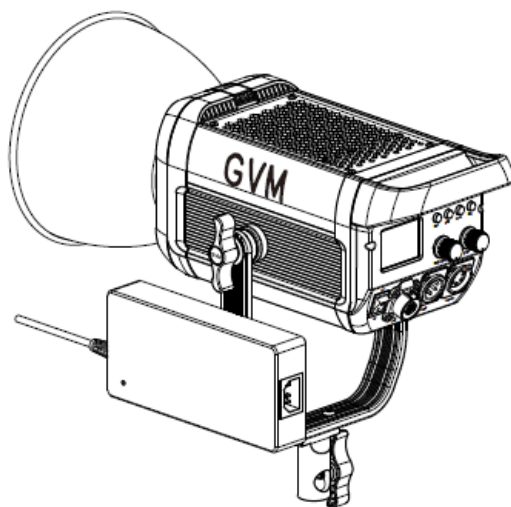
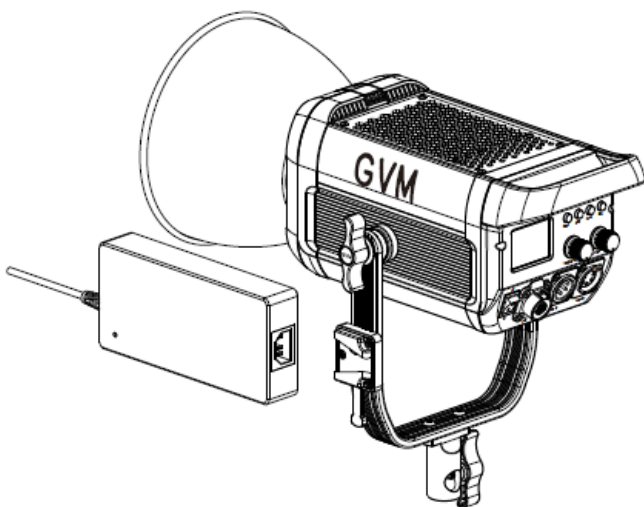
3. Insert the standard Bowens Reflector into the corresponding Bowens mount socket of the light, then turn it clockwise gently. To remove the reflector from the light, pull back the retaining clip and rotate the reflector counterclockwise.



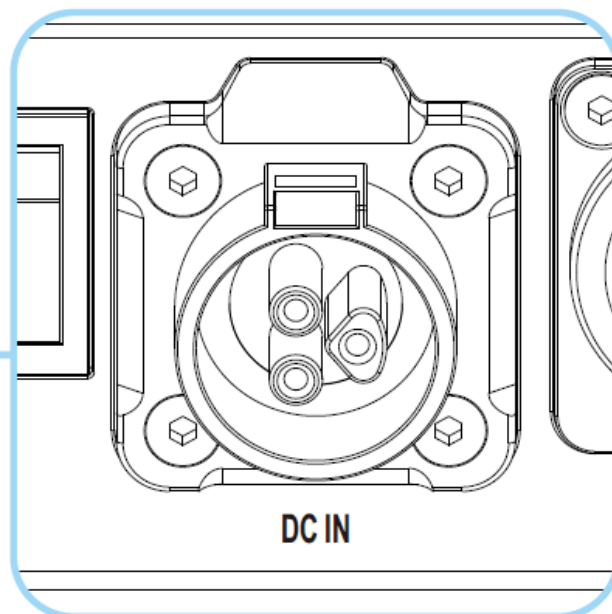
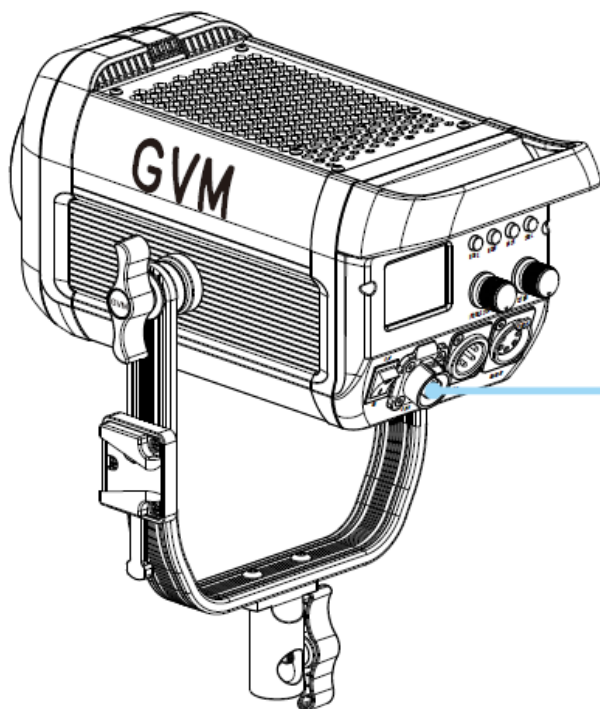
### Install

### Uninstall

4. Attach the power adaptor to the V-Mount Slot of the U-frame.



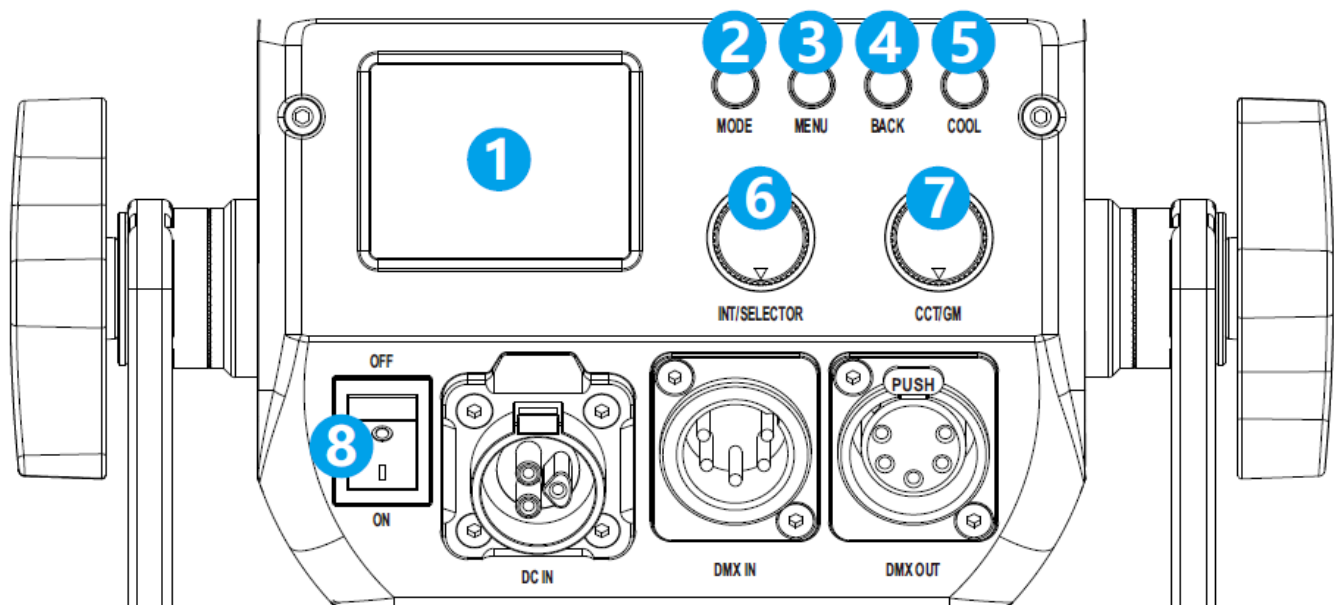
5. Connect the power cord to the power supply.



**Power input connector**

## DESCRIPTION OF PRODUCT CONTROL BUTTONS





1. Display screen: Display current settings, modes, and parameters.
2. Mode button: Light mode switch button.
3. Menu button: Press this button to enter the menu setting page.
4. Back button: Press this button to return to the previous menu page.
5. Cooling button: Start a large air volume cooling until the temperature is reduced to a touchable temperature.
6. Knob 1: INT/SELECTOR multi-functional knob, by pressing or rotating it can be used to select or adjust brightness output.
7. Knob 2: Parameter adjustment knob, adjust CCT, HUE, SAT, R.G.B, SPD, and Green and Magenta Shift parameters.
8. Power ON/OFF button.

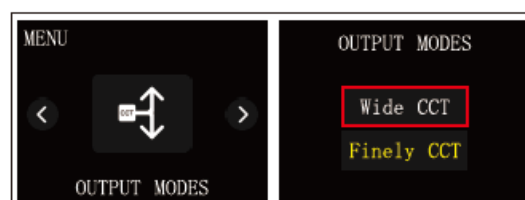
## FUNCTIONS INTRODUCTION & INSTRUCTIONS

### MENU

- Press the [MENU] button to enter the menu setting page. Rotate [Knob 1] to select a sub menu. Press [Knob 1] to enter the corresponding menu interface. The menu setting interface includes output modes, DMX settings, DIM curve, WL settings, studio, frequency settings, fan settings, language, and system settings.

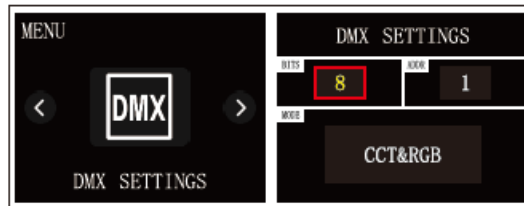
### OUTPUT MODES

- You can go through the output mode by rotating [Knob 1]. Short press [Knob 1] to select and enter the setting page, from here you can set the light to either [Wide CCT(2000K~10000K)] or [Finely CCT(2700K~6800K)] output mode. This setting is only available in CCT mode.



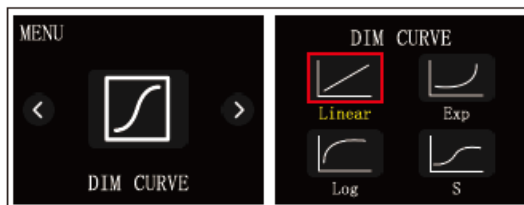
## DMX SETTINGS

- Rotate [Knob 1] to select the corresponding parameters, press [Knob 1] to adjust parameters, set DMX parameters, set [Address (001- 512)] and accuracy [(8bit/16bit)], and 9 DMX modes: CCT & RGB, CCT & HSI, CCT, RGB, HSI, SOURCE, GEL, FX, Ultimate.



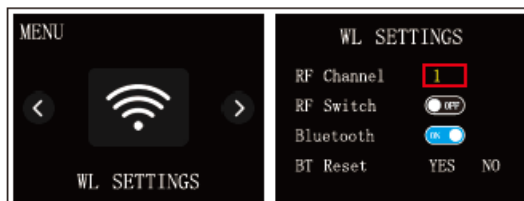
## DIM CURVE

- Rotate [Knob 1] to select the dimming curve, you can choose [Linear / Logarithmic / Exponential / S Curve].



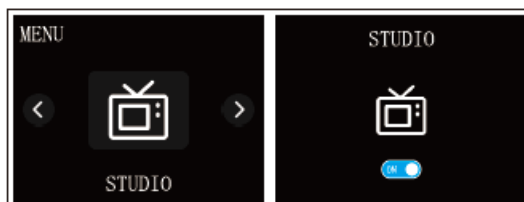
## WL SETTINGS

- Rotate [Knob 1] to select the parameter to be adjusted, RF channel settings, RF switch, Bluetooth switch, and Bluetooth reset can be performed in this page.



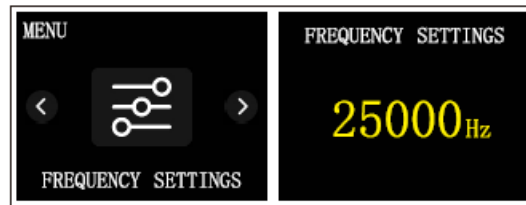
## STUDIO

- Turn on and off studio mode.
- Studio ON: The light will remember its current settings. Upon restarting the light, it will automatically bring up the previously saved settings.
- Studio OFF: The light will set back to its default factory settings upon restarting the light.



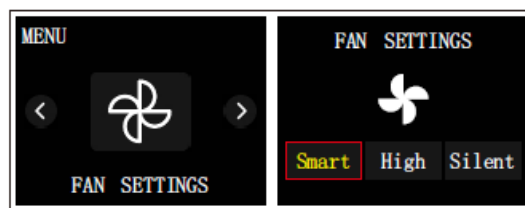
## FREQUENCY SETTINGS

- Rotate [Knob 1] to set the dimming frequency, the frequency range is 15KHZ-25KHZ.



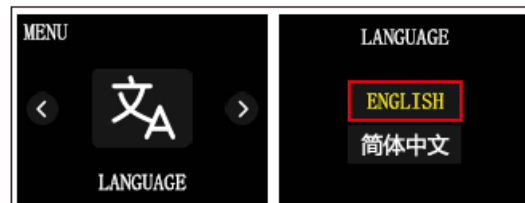
## FAN SETTINGS

- Rotate [Knob 1] to adjust the fan settings, short press [Knob 1] to confirm the selection.



## LANGUAGE

- Rotate [Knob 1] to set the system language, supporting Chinese and English.



## SYSTEM SETTINGS

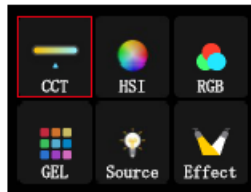
- View system firmware information and restore factory settings. Rotate [Knob 1] to select whether to restore factory settings.



## MODE

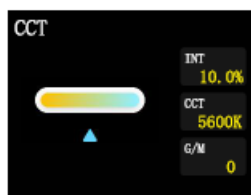
- There are 6 modes: CCT, HSI, RGB, Color gel, Light source match, and Light effect.
- Press the [MODE] button to enter the main mode selection page → rotate [Knob 1] to select the mode → press [Knob 1] to enter the corresponding mode interface → set the parameters in different modes by pressing or

rotating [Knob 1] → press [BACK] to get to previous page.



### CCT mode

- Adjustable light intensity and color temperature.
- INT: Rotate [Knob 1] to adjust the brightness.
- CCT: Rotate [Knob 2] to adjust the color temperature.
- G/M: Short press and then turn [Knob 2] to adjust the Green / Magenta offset.



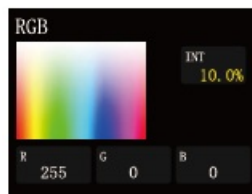
### HSI mode

- Color light mode: In this mode, you can adjust hue, saturation, and light intensity (HSI = hue, saturation, light intensity). This gives you up to 36 million possible color combinations.
- INT: Rotate [Knob 1] to adjust the brightness.
- HUE: Rotate [Knob 2] to adjust the hue.
- SAT: Short press and then turn [Knob 2] to adjust saturation.



### RGB mode

- Color light mode: In this mode, you can adjust red, green, and blue light to achieve upto 16 billion colors.
- INT: Rotate [Knob 1] to adjust the brightness.
- R: Rotate [Knob 2] to adjust the [R] red light parameter.
- G: Short press and then rotate [Knob 2] to adjust the [G] green light parameter.
- B: Short press and then rotate [Knob 2] to adjust [B] Blu-light parameters.



## GEL mode

- There are two types of color gel, ROSCO and LEE, each of which has 30 color presets.
- INT: Rotate [Knob 1] to adjust the brightness.
- 3200K and 5600K: Rotate and press [Knob 1] briefly to select [3200K] or [5600K].
- R/L: Rotate and press [Knob 1] briefly to select [R] or [L].



## Source mode

- This mode provides 12 light source types to choose from: Tungsten, HMI5600, HMI6000, Studio Lamps, Sodium Lamp, Halogen, Arc Lamp, Candle, Sunset/Sunrise, Daylight, Overcast Sky, CFL Cool White.
- Source: Rotate and short press the [Knob 1] to select the light source.
- INT: After selecting the light source, rotate [Knob 1] to adjust the brightness.



## Effect mode

- This mode provides 16 light effects: lightning, CCT Loop, Candle, Bad Bulb, TV, Paparazzi, Explosion, Pulse, Disco, Cop Car, Party, Hue Loop, Fireworks, Fire Engine, Ambulance, and SOS.
- Effect: Rotate and press [Knob 1] briefly to select light effect.
- INT: After selecting the light effect, rotate [Knob 1] to adjust the brightness.
- CCT: Rotate [Knob 2] to adjust the color temperature.
- HUE: Short press [Knob 2] to select hue, then rotate [Knob 2] to adjust the hue.
- SAT: Short press [Knob 2] to select saturation, then rotate [Knob 2] to adjust saturation.
- SPD: Short press [Knob 2] to select the rate, then rotate [Knob 2] to adjust the rate.



## 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, then reset the lighting device's Bluetooth.
2. Click the "Add Device" button on the "My Devices" page to find the Bluetooth devices that have been turned on nearby. (Figure 1)
3. Select the device to be connected for pairing. (Figure 2)

Figure 1

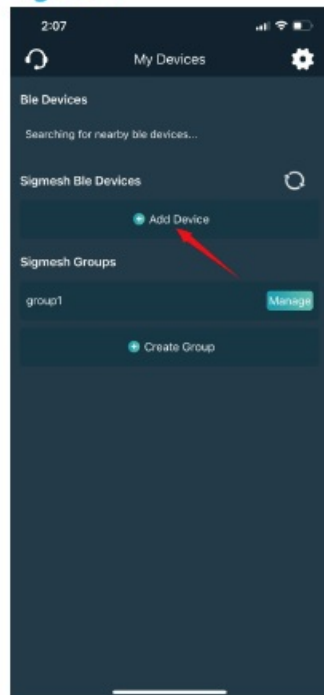
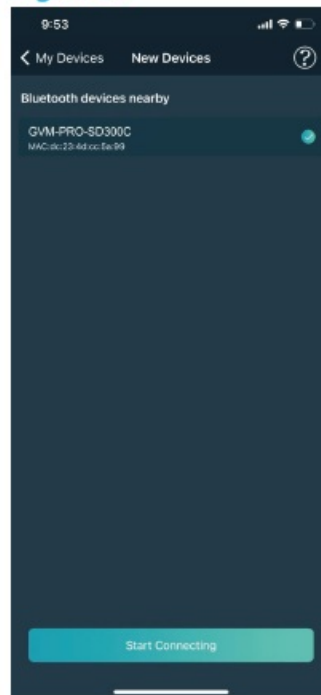


Figure 2



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.

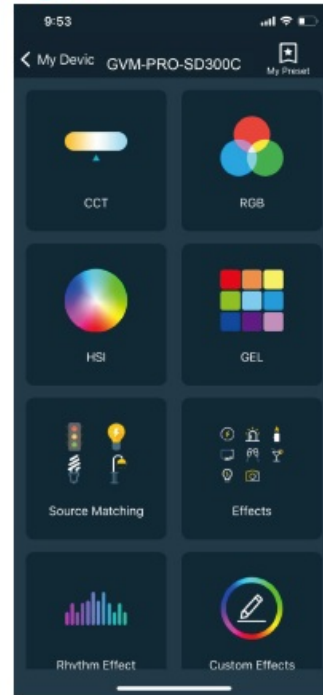
### Device Management

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



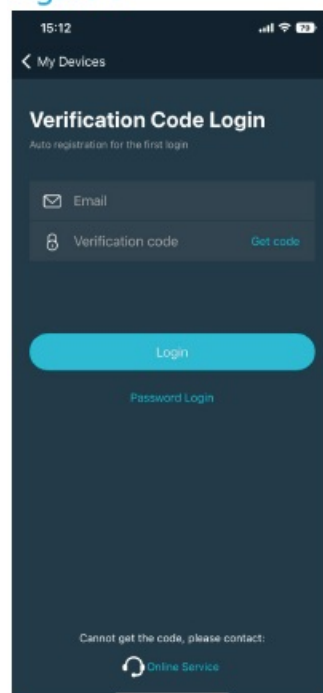
Figure 4



## 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



## 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.
- 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.
- Repairing: If there is a fault or performance degradation, do not unpack the shell by yourself, avoiding damage to avoid damaging 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.

## 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 to the power plug.
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 some one else's 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's 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 paired 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 off-line, please advise to the Distribution Network Connection Failure steps.	Reboot the device, wait for 5 seconds, and wait till it shows as online status. To control it, reset the Bluetooth and then add the device back to the device list.

## PACKING LIST



Name	Quantity	Notes
GVM COB Spotlight	1	
Standard Cover	1	
Power Cable	1	
Power Adapter	1	
Power Clamp	1	
Spotlight Protective Cover	1	
Magic Cable Tie	3	
Carrying Bag	1	
Instructions	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 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 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

## QC PASS



GVM Official website



Facebook



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## CONTACT

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## 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 and ensure warranty coverage.
- **Q: How can I control the light settings?**
  - **A:** You can control the light settings through the dedicated app on your iOS or Android device, allowing for convenient adjustments.
- **Q: What are the main lighting modes of the product?**
  - **A:** The product offers various lighting modes, including CCT mode, HSI mode, RGB mode, color gel mode, light source matching mode, and light effect mode for versatile usage.

## Documents / Resources



GVM®  
Great Video Maker  
GVM SD300C

[GVM SD300C Great Video Maker](#) [pdf] Instruction Manual  
SD300C, SD300C Great Video Maker, Great Video Maker, Video Maker

## References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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