# 封底和封面背面

## 封底

## 封面

120.00 mm

160.00 mm

GVM

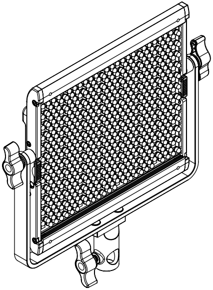
GREAT VIDEO MAKER

**GVM Official website**

**Facebook**

**Download APP**

Web: www.gvmled.com
B&H Email: bh@gvmled.com
GVM Email: support@gvmled.com
Amazon Email: amazonsupport@gvmled.com
Warehouse Add: 4301 N Delaware ave, unit D. PHILADELPHIA, PA19137, USA



GVM

GREAT VIDEO MAKER

**GVM-850D**

留白,书本形式

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## PRODUCT INTRODUCTION

Welcome to "GVM-850D". This product is specially designed for senior photography enthusiasts. The product is suitable for live / outdoor / studio photography, and also for youtube video shooting. The main features of the product are:

① Step-less adjustable RGB color and dual color temperature feature, color range 3200K ~ 5600k, with 624 LED bulbs, which is helpful to restore and enrich the color of objects and provide you with natural and vivid shooting effect.

② App intelligent control system, which can be controlled by your intelligent mobile device.

③ With an LCD screen and stable system, it supports 360° rotation and can effectively control the light. You can also install folding and soft light board to avoid excess light, make the light softer, and customize the fill light, allowing you to easily and casually shoot the desired results.

④ The product can simulate 8 kinds of scene lights: Lightning, Police car, Candlelight, TV, Bad light bulb, Party, disco, Paparazzi.

We believe that once using our product correctly, you can make huge progress when shooting. Before using the product, you are strongly recommended to read the instructions below carefully.

## DISCLAIMERS

1. Before using this product, please read the instructions carefully and make sure use the product correctly. If you don't obey the instructions and warnings, you maybe cause harm to yourself and the people around, or even damage the product and other things around.
2. Once you use this product, you are deemed to have read the disclaimer and warning carefully, understand and acknowledge all the terms and contents of this statement, and promise to take full responsibility for the use of this product and possible consequences.

## PRECAUTIONS

① Please use the matching power adapter or lithium battery with the same specification to power the product. Do not use power adapter with different output voltage parameters.

② The product is not waterproof, please use it in rainproof environment.

③ The product is not anti-corrosion, therefore do not let the product touch any corrosive liquid.

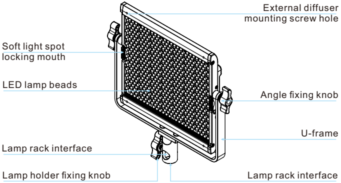
④ When using the product, make sure the product is put firmly and prevent from falling and damage.

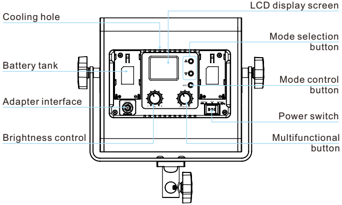
⑤ If the product will not be used for a long time, please switch off the power to reduce energy loss.

# PRODUCT PARAMETER

- Brand : GVM
- Product Name : Photography lights
- Product Type : Photography Fill Light
- Product model : GVM-850D
- Product material : Aluminum alloy
- Lamp beads quantity : 624
- Color rendering index : ≥97
- Color temperature : 3200K~5600K
- Hue : RGB 0°~360°
- SAT : 0%~100%
- Brightness : 18000lux/0.5m, 5600lux/1m
- Light adjustment method : Step-less adjustment
- Light angle of lamp bead : 120°
- Features / Features : RGB, SAT, APP, Joint control, Special light, High color rendering index light beads, Upgrade LED screen
- Power : 40W
- Voltage : AC:100-240V
- Power supply mode : DC input&Battery
- Power supply : DC15V/3A
- Battery Capacity : 7.4V-4400mAh*2 ( to be purchased separately)
- Product Weight : 1KG
- Product Size ( mm ) : 270*263*40
- Cooling : Natural heat dissipation
- Commodity origin : China. Huizhou

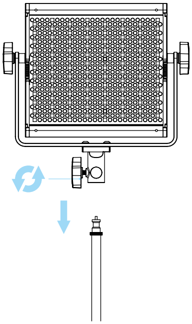
# PRODUCT STRUCTURE ANALYSIS



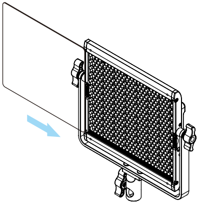


# INSTALLATION METHOD

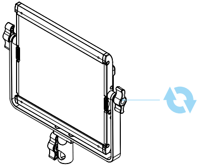
① The lamp can be installed and fixed on the bracket by rotating the knob clockwise, and unloaded by rotating in the counterclockwise direction.



② Insert the diffuser from the side of the light panel.



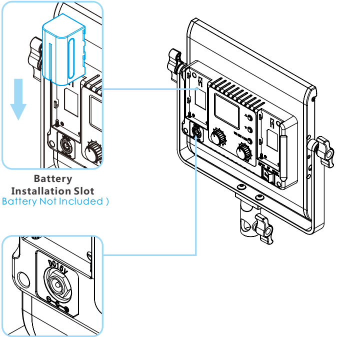
③ Loosen the adjustment knobs on both sides of the U-bracket, adjust the angle of the panel you need, and then tighten the adjustment knobs on both sides of the U-bracket.



④ There are two power supply modes to choose.

① Connect the power cord and adapter for power supply.

② Purchase two other suitable lithium batteries and use them for power supply. ( both battery cells must be plugged in to power )



**Battery Installation Slot**
( Battery Not Included )

**Adapter Interface**

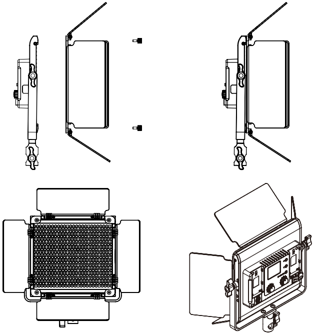
# ACCESSORIES INSTALLATION METHOD

Only some packages include the following accessories, subject to the actual purchase of the package

## ① Light control folding :

Light control folding can control the Angle of light.

Align the front mounting holes with the screw holes of the hinges and lock the latches with screws.



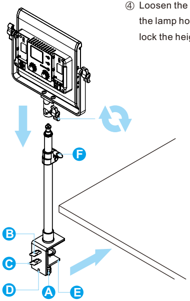
## ❷ Desktop Light Stand :

① Loosen the A knob as shown in the figure below to clamp the lower end of the lamp holder to the desktop, and then tighten the A knob to fix the lamp holder on the desktop.

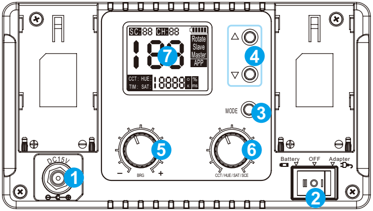
② If the desktop is thick, you only need to loosen the B knob and C knob to remove it, after adjusting E down, then install the B knob to the position of the original C knob, and install the C knob to D. At this time, proceed to step ① to install the light stand on a thicker desk.

③ Loosen the knob of the lamp, install the lamp on the lamp holder as shown in the figure, and then tighten the knob.

④ Loosen the F knob to adjust the height of the lamp holder and tighten the F knob to lock the height of the lamp holder.



# DESCRIPTION OF PRODUCT CONTROL KEYS



❶ DC15V power input interface

❷ Power switch

❸ Mode control button: Change mode control

❹ Change channel button: When is in master/slave mode, press this button to select the channel.

❺ Brightness adjustment button: Adjust the brightness

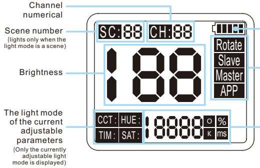
❻ Multifunctional button: Press once to switch light mode. Press for 3 seconds to enter/exit the scene mode; Spin the knob to adjust the parameters of the current light mode.

❼ LCD screen: The screen display the current brightness, control mode, light mode, light parameters, scene number, channel numerical, and battery power of the light.

# FUNCTION INSTRUCTIO INSTRUCTION FOR USE

### ① LCD screen :

The screen display the current brightness, control mode, parameters, scene number, channel numerical, and battery


Channel numerical
Scene number
(lights only when the light mode is a scene)
Brightness
The light mode of the current adjustable parameters
(Only the currently adjustable light mode is displayed)
SC:88
CH:88
188
Rotate
Slave
Master
APP
CCT: HUE:
TIM: SAT:
18888
%
K
ms

### ② Mode types and functions :

- Press the mode button to change the control mode, su Rotate, slave, master, APP

  Rotate mode: Adjust the parameters of the light throug behind the light.

  Slave mode: The channel can only be adjusted throu buttons of the controller behind the light. When the cha and the master are the same, they can be synchronou the master.

## ON &
## E

, light mode, light
power of the light.

Battery power

Control mode
(Only display the current control mode)

Correlated Color Temperature/
HUE/Saturation/
Time parameter
(Only the currently adjustable light mode is displayed)

ch as:

h the controller

gh the ▲ and ▼
nnels of the slave
usly controlled by

**Master mode:** adjust the light and channel of the light through the controller behind the light, and the slaves of the same channel will also be adjusted synchronously.

**APP mode:** adjust the light parameters through APP.

- Short press the compound knob to switch the light mode, which are: CCT, HUE, SAT; Long press the compound knob for 3 seconds to enter/exit the scene mode.

CCT: adjustable color temperature, range 3200K~5600K

HUE: Adjustable light color, range 0°~360°

SAT: adjustable light color saturation, range 0%~100%

SC: The product can simulate 8 kinds of scene lights: ①Lightning, ②Police car, ③Candlelight, ④TV, ⑤Bad light bulb, ⑥Party, ⑦Disco, ⑧Paparazzi.

### ③ Adjust brightness (BRG): range 0%~100%

- In Master mode / Rotate mode, turn the brightness adjustment knob to adjust the brightness.
- In APP mode, connect to APP and adjust brightness through APP.

### ④ Adjust color temperature (CCT): range 3200K~5600K

- In Master mode / Rotate mode, short press the composite knob to switch the light mode to CCT, and then turn the composite knob button to adjust the color temperature.
- In APP mode, connect to APP and adjust color temperature through APP.

### ⑤ Adjust HUE: range 0° ~ 360°

- In Master mode / Rotate mode, short press the composite knob to switch the light mode to HUE, and then turn the composite knob button to adjust the hue.

- In APP mode, connect to APP and adjust hue through APP.

### ⑥ Adjust SAT: range 0%~100%

- In Master mode / Rotate mode, short press the composite knob to switch the light mode to SAT, and then turn the composite knob button to adjust the color purity.
- In APP mode, connect to APP and adjust SAT through APP.

### ⑦ Adjustment scene (SC): range 1~8

- In Master mode/Rotate mode, long press for 3 seconds and press the composite knob to enter/exit scene light (SC) mode. At this time, short press the composite knob to select scenes, all scenes can be adjusted by rotating the brightness adjustment knob; the current scene When it is scene No. ⑤, turn the compound knob to adjust the color temperature; when the current scene is scene No. ⑥ or ⑦, turn the compound knob to adjust the time. (Other scenes can only adjust the brightness).
- In the APP mode, connect to the APP and adjust the scene through the APP.

### ⑧ Adjust CH: range 1~12

- In Master mode/Slave mode, tap the plus/minus key to set the channel value.
- In APP mode, connect to APP and set the channel value through APP.

### ⑨ APP control:

Switch the photography light to the APP mode, connect the Bluetooth of the camera light through the mobile phone, and then use the APP to control the brightness, color temperature, hue, sat, scene, channel, and on/off of the camera light. If there is a slave, you can also go through the APP Perform online control.

⑩

**On-line control (Joint control between lamps and lanterns):**

Prepare two or more photography lights, set one to Master mode, and the others to Slave mode, and set the channel (CH) of the master and slave. When the master and slave channels are the same, the slave of the same channel can be synchronously controlled through the controller behind the master.

Prepare two or more photography lights, set one to APP mode, and connect the mobile phone APP to set the channel; set the rest to Slave mode, and set the same channel. When the APP mode machine connected with the mobile phone APP and the slave machine channel are the same, at this time, the connected APP mode machine can be controlled through the mobile phone APP, and the slave machine of the same channel as the APP mode machine can be synchronously controlled.

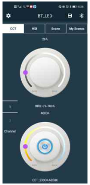
# APP CONNECTION AND APP CONTROL

Scan the QR code on the back of the manual to download the APP

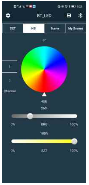
Turn on the video light and set the mode to APP mode. Open the “GVM_LED” application software on the phone ( The phone needs to turn on bluetooth and GPS), then enter the bluetooth's search interface → Find the bluetooth named “BT_LED” and connect → Wait for connection → After connect success, it will automatically enter the app's control interface. At this time, the video light have been connected and you can controll the APP.

You can save 6 custom light effects in “My Scenes”. After setting the light effect parameters → click the “ 🖫 ” icon in the right corner → pop up the “Save Current Scenes” → click “OK”. This light effect can be found in “My Scenes” at this time.

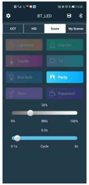
If there is a slave, the APP will synchronously control the slave of the same channel as the connected APP mode machine.



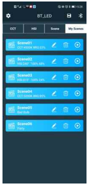
**Color temperature control interface**



**RGB control interface**



**Scene light control interface**



**Save light effect interface**

# USE AND PRESERVATION

Do not put the product in a highly humid, strong electromagnetic field, direct sunlight, high-temperature environment. If not use the product for a long time, disconnect the power and take out the battery.

**Clean :** Before clean, disconnect the power plug. And use wet cloth rather than any detergent or soluble liquid, avoiding damaging the surface layer.

**Power :** Make sure the power is in the demanded range, not too high or too low. Correctly load the battery, in order not the damage to machine.

**Repairing :** If there is fault or performance degradation, do not unpack the shell by yourself, avoiding damage the machine and lose 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 manufacturer and approved ones, in order to maximize the performance.

**Guarantee :** Do does not modify the product, or you will lose the right of maintenance.

# SIMPIE FAULTS AND TROUBLESHOOTING

| Phenomenon | Check the product | Troubleshooting |
|---|---|---|
| The switch indicator does not light up | ① Check the matching power adapter indicator light up or not. | Make sure the adapter is well contacted with the power plug. |
| | ② When using lithium battery, make sure there's no "low power" protection. | Charge the battery before using it. |
| The brightness/ color temperature knob is out of control | Check if the mode were set as slave mode, lightness and color temperature of the products cannot be controlled in slave mode. | Pressthe"MODE"button for once, switch the mode from slave mode to master mode. |
| The product is in the "ON" state, the display and lights are not on | Check if the product is "OFF" because of the APP of the mobile phone. | Press the "ON/OFF" button once again. |
| APP can't connect / can't control | Check whether the device is in APP mode and whether "BT_LED" is displayed on the APP | Normal steps:<br>① Switch to APP mode after booting;<br>② Turn on bluetooth and GPS on the phone<br>③ Open the APP, search and connect to Bluetooth BT_LED |

| Phenomenon | Check the product | Troubleshooting |
|---|---|---|
| In RGB mode, the lamp beads have no RGB color. | Check whether the color purity SAT value is too low or 0; the color purity value is 100, the color difference is most obvious. | ① In the Master mode / Rotate mode, lightly press the compound knob button to switch to SAT, then turn the compound knob button to increase the color purity;<br>② In WIFI mode, connect APP, adjust color pure SAT through APP. |

# PACKING LIST

| Name | Quantity | | | | | | Notes |
|---|---|---|---|---|---|---|---|
| | GVM-850D | GVM-850D-2L | GVM-850D-3L | GVM-850D-2M | | | |
| Photography lights | 1 | 2 | 3 | 2 | | | |
| Power cord | 1 | 2 | 3 | 2 | | | |
| Adapter | 1 | 2 | 3 | 2 | | | |
| Diffuser | 1 | 2 | 3 | 2 | | | |
| Folding | 1 | 2 | 3 | 2 | | | |
| Desktop Light Stand | | | | 2 | | | |
| Light stand | | 2 | 3 | | | | |
| Carrying Case | 1 | 1 | 1 | 1 | | | |
| Instructions | 1 | 1 | 1 | 1 | | | |