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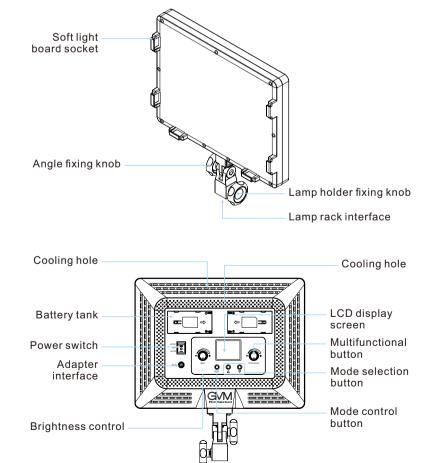
- **1.** Before using this product, please read the instructions carefully and make sure use the product correctly. If you don't obey the instructions and warnings, maybe cause harm to yourself and the people around, or even damage the luct and other things around.
- Once you use this product, you are deemed to have read the disclaimer and warni 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 consequence

- Please use the matching power adapter or lithium battery with the sa specification to power the product. Do not use power adapter with different output voltage parameters.
- The product is not waterproof, please use it in rainproof environment.
- ③ The product is not anti-corrosion, therefore any corrosive liquid.
- ④ When using the product, make sure the product is put firmly and from falling and damage.
- ⑤ If the product will not be used for a long time, please switch off to reduce energy loss.

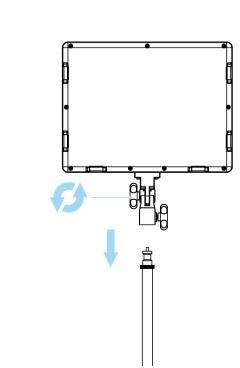
## **RODUCT DETAILS**

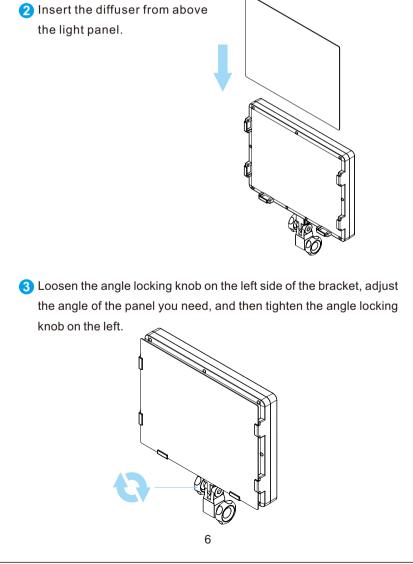
- Brand : GVM Product Name : Photography lights
- Product Type : Photography Fill Light
- Product model : GVM-R500R
- Product material : Plastic
- Lamp beads quantity : 672
- ◆ Color rendering index : ≥97 Color temperature : 3200K~5600K
- ♦ Hue: RGB 0°~360°
- ◆ SAT: 0%~100%
- Brightness: 8000lux/0.5m, 2500lux/1m
- Light adjustment method : Step-less adjustment
- Light angle of lamp bead : 60°&120° Features / Features : APP, Joint control,
- High color rendering index light bea
- Power: 50W
- Voltage : DC 15V
- Power supply mode : DC&Battery Power supply : DC15V/4A
- Battery : lithium battery\*2 (Need to bu
- Product Weight : 1.6KG
- Product Size ( mm ): 300\*230\*55
- Cooling : Natural heat dissipation
- 🔷 Commodity origin : China. Huizhou

# STRUCTURE ANALYSI

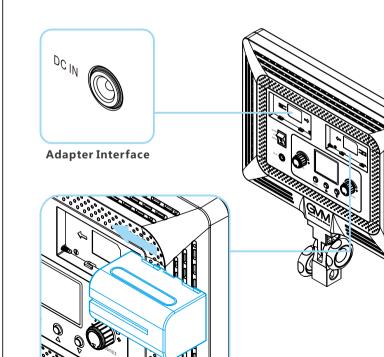


1 The lamp can be installed and fixed on the bracket by rotating the kn clockwise, and unloaded by rotating in the counterclockwise direction



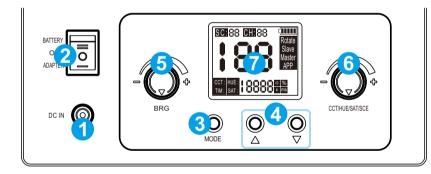


#### There are two power supply modes to choose. ① Connect the power cord and adapter for power supply. ② Purchase two other suitable lithium batteries and use them for po supply. ( both battery cells must be plugged in to power )



**Battery Installation Slot** 

(Battery Lead)



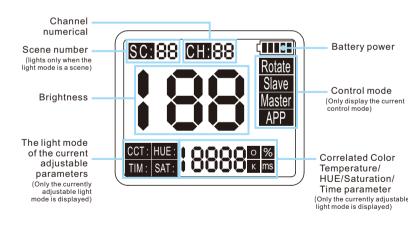
### Power input interface

- 2 Power switch
- 3 Mode control button: Change mode control
- Change channel button: When is in master/slave mode, press this butt to select the channel.
- 5 Brightness adjustment button: Adjust the brightness
- 6 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.
- **7** LCD screen: The screen display the current brightness, control mode, light mode, light parameters, scene number, channel numerical, and battery power of the light.

## **UNCTION INSTRUCTIO INSTRUCTION FOR USE**

#### 1) LCD screen :

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



## 2) Mode types and functions

Press the mode button to change the control mode, such as

- Rotate, slave, master, APP
- Rotate mode: Adjust the parameters of the light through the o behind the light.
- Slave mode: The channel can only be adjusted through the buttons of the controller behind the light. When the channels of the slave and the master are the same, they can be synchronously controlled by the master.

r mode: adjust the light and channel of the light through the controlle behind the light, and the slaves of the same channel will also be adjuste synchronously.

APP mode: adjust the light parameters through APP.

 Short press the compound knob to switch the light mode, whic' 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, car, ③Candlelight, ④TV, ⑤Bad light bulb, ⑥Party, ⑦Disco, ⑧Papara

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

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

#### 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 AP

## (5) Adjust HUE: range 0° ~ 360°

 In Master mode / Rotate mode, short press the composite knol the light mode to HUE, and then turn the composite knob button to adjust

• In APP mode, connect to APP and adjust hue through AF

### 6 Adjust SAT: range 0%~100%

- In Master mode / Rotate mode, short press the composite knob to swit the light mode to SAT, and then turn the composite knob button to
- 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 adjus by rotating the brightness adjustment knob; the current scene When is scene No. S, turn the compound knob to adjust the color temperatur when the current scene is scene No. or , turn the compound knot adjust the time. (Other scenes can only adjust the brightness). In the APP mode, connect to the APP and adjust the scene through the AF

## 8 Adjust CH: range 0~11

 In Master mode/Slave mode, tap the plus/minus key to set the channel val • In APP mode, connect to APP and set the channel value through A

## ③ 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.

- 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 sam channel can be synchronously controlled through the controller behind
- 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 APP mode machine can be synchronously controlled.

# APP ON-LINE CONTR

n the video light and set the mode to APP mode. Open the "GVM\_I application software on the phone ( The phone needs to turn on bluetooth and GPS), then enter the bluetooth's search interface  $\rightarrow$  Find the bluetooth named "BT\_LED" and connect  $\rightarrow$  Wait for connection  $\rightarrow$  After connect s, it will automatically enter the app's control interface. At th leo light have been connected and you can controll the AF

You can save 6 custom light effects in "My Scenes". After setting the light effect parameters ightarrow click the " 🔒 " icon in the right corner ightarrow pop up the "Save Current Scenes"  $\rightarrow$  click "OK". This light effect can be found in " Scenes" at this time.

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



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

ean : Before clean, disconnect the power plug. And use wet cloth rather than ar letergent or soluble liquid, avoiding damaging the surface layer.

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

Repairing : If there is fault or performance degradation, do not unpack the shell urself, avoiding damage the machine and lose the right of maintenance. When i s a fault, do not hesitate to contact us, and we will do our best to deal with the proble

Accessories : Please use the accessories provided by manufacturer and approve ones, in order to maximize the performance.

**Suarantee :** Do does not modify the product, or you will lose the right of maintenar

# SIMPIE FAULTS AND TROUBLESHOO<sup>.</sup>

Phenomenon	Check the product	Troubleshooting
The switch indicator does not light up	<ol> <li>Check the matching power adapter indicator light up or not.</li> </ol>	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: ① Switch to APP mode after booting; ② Turn on bluetooth and GPS on the phone ③ Open the APP, search and connect to Bluetooth BT_LED

## In RGB mode, the lamp beads SAT value is too low or 0; the the lamp beads SAT value is too low or 0; the have no RGB color purity value is 100, the increase the color purity; color. color difference is most obvious. ② In WIFI mode, connect APP, adjust color pure SAT through APP.