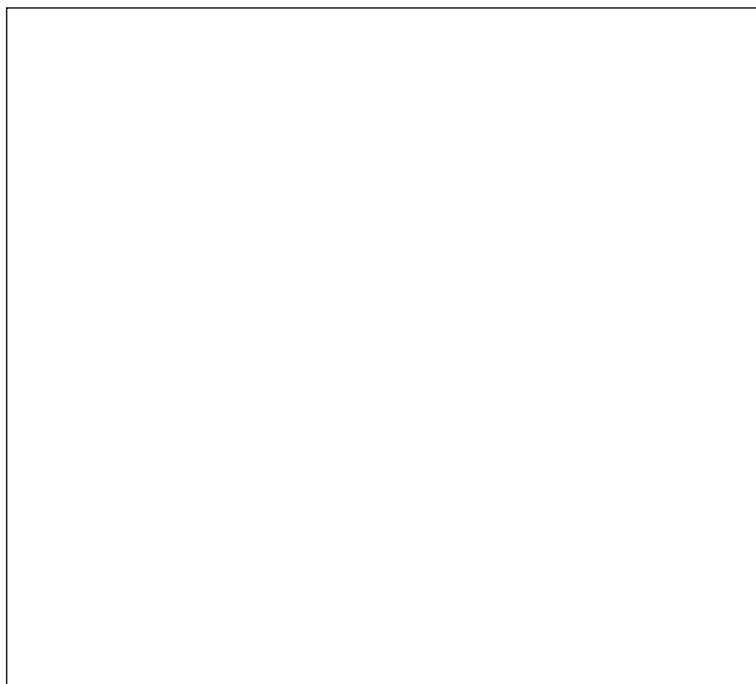# LG–W2.4G WiFi

Instruction Sheet

⬠ **Function Description:** This product could fulfill smart phone APP to remote control LED lighting, also could adjust brightness and color temperature.

Effective Distance:
1) Smart phone -- Wifi control box:15m
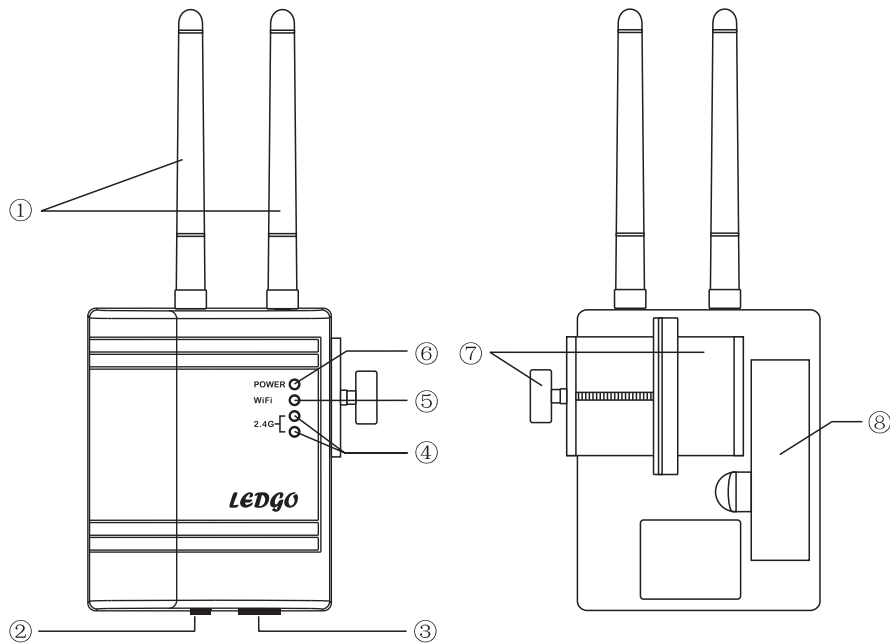2) Lightings -- Wifi control box:25m

LEDGO TECHNOLOGY LIMITED

POWER
WiFi
2.4G

LEDGO

①.2.4G antenna

②.DC socket:For connecting 5 V - 7.5 V power adapter with the wifi control box.
Note:This interface can be only for power supply, but not for the 18650 Li-ion batteries charging.

③.Power switch:For starting the wifi control box.

④.2.4G signal indicator:Display the situation of 2.4G signal reception, if two Indicators are flickering quickly, means that the state of the lightings to receive data is good; if two light are flickering slowly (once per second), means that the state of the lightings to receive data is poor.

⑤.Wifi signal indicator:If the signal indicator keep in a slow flickering (once per second), means wifi is free; If the user's smart phone is connected to the wifi control box, the indicator is on. When users operate a smart phone to control the lightings, the indicators are flickering frequently.

⑥.Power indicator:For indicating the power state. If the indicator is flickering, means Battery needd to be recharged.

⑦.U-bracket seat and fastening screws:For fixing the wifi control box on the U-bracket.

⑧.Battery compartment:For installing 18650 Li-ion battery.

Operation Instruction:

1).Turning fastening screws of the wifi control box and fixing it on the U-bracket. Wifi control box can also be placed in other places.
Note: The wifi control box can not be surrounded by metallic objects, otherwise it will influence the wireless signal.

2).Turn on the power switch to start wifi control box, when the power indicator light is on, the wifi signal indicator will flicker slowly. Find the "LEDGO_LED" device in the smart phone setting and then connect with them. After connect it, the wifi signal indicator will be always on.

3).Turn on the lightings which will be controlled and observe the address on the lightings.
Note: Also you can turn on the lightings first before you open the wifi control box.

4).Open the APP " wifi LED "of us,adjust the corresponding address for lightings,then you can control the the lightings by smart phones.

Notice:

1).When operating, do not place the wifi control box next to any metallic object. Otherwise it will influence the wireless effective distance of wifi.

2).When do not operate,please turn off the power switch to save battery power.

3).If you find that controllable distance is too short, please replace the battery.

4).If you cannot find the wifi name "LEDGO_LED", please connect another wifi name " R2Wfifi ".

5).If the phone is prompted for a password, please enter the WIFI password: LEDGOLED.

6).When storing, please pay attention to moistureproof.

Failure analysis and elimination:

The following problems are not certainly caused by failure,please check again the lightings before contact the dealer and the manufacturer, eliminate the following phenomenon before send to be repaired.
Failure:Smart phone is unable to control the lightings.
Failure elimination and analysis:

1).Check if the battery power is enough.
Ensure the wifi control box is on,observe whether the power indicator flickers or low brightness. If the above situation happened, it means the battery power is insufficient, please replace the battery.

2).Check if the connection between Wifi control box and smart phone is normal.
Check if the smart phone is connected to wifi control box, and then observe if the wifi signal indicator on the wifi control box is always on.If the wifi signal is flickering slowly, means smart phone is not connected well with wifi control box.

3).Check if the communication between the mobile phone and wifi control box is normal.
Open the smart phone APP, enter "Mono - Color" interface and arbitrary sliding any control strip,observe if wifi signal indicator flickers quickly.If wifi signals are not flickering,means that communication is not normal, need to be returned to factory for maintenance.

4).Check if the connection between the wifi control box and the lightings are normal.
After users make sure that the aboved three steps are normal, then correct operating smart phone APP, and observe the 2.4 G indicator flickering state of wifi control box. If indicator signals are not flickering, means the wifi control box function is not normal, need to return to factory for maintenance. If indicator appear slow flickering,it means the lighting couldn't receive the 2.4 G signal. Check whether the distance between lightings and wifi control box is too far (more than 15m). Or check if there is any metallic object around the lighting.

6. How to save, restore, and delete "Scene"?

• Save the "Scene": Users could save the lighting data of the lightings in the current scene by clicking the "Save" button on the bottom right corner of the interface of "**Mono-Color**", "**Bi-Color-A**", "**Bi-Color-B**", "**Full-Spectrum**", etc.

• Restore the "Scene": Users could enter the interface of the Scene by clicking the "Scene" button on the menu, where the users can find out and click the "Scene" that they have saved before, then they can restore the lights of some previous "Scene".

• Delete the "Scene": After the users enter the Scene interface, they could find out the Scene which want to delete, and then press it continuously for 3 seconds, then it can be deleted.

7. How to connect Wifi in the software?

• If the smart phone doesn't connect the Wifi, When open the software, the software will indicate the users whether the wifi control box is connected. And users could connect it as indicated.

• If users have left the field where the Wifi signal covers, and back to reconnect the Wifi, they can enter any interface of dimming, click the "Setup" button on the bottom left corner to connect again.

Download and install APP:
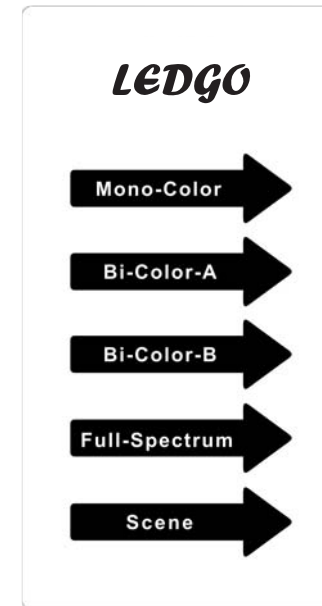User could download and install the APP by scanning the 2D barcode on the right side by smart phone.
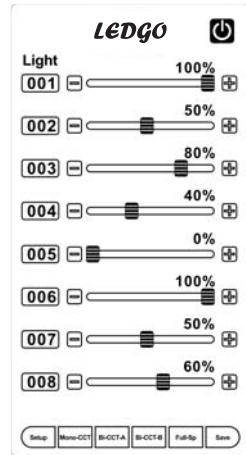

ANDROID APP   IPHONE ISO APP

APP software function and usage:
1. Click and enter the software, user can see the "**menu interface**" as shown in the right picture. Four options are:"**Mono-Color**","**Bi-Color-A**", "**Bi-Color-B**", "**Full Spectrum**" and "**Scene**".

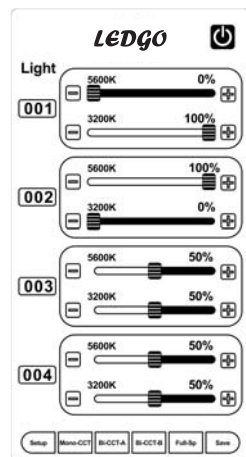## 2. How to control the lightings which are Mono color temperature?

Click on the **Mono – Color** to enter the Mono Color temperature control interface.
One lighting occupies one control strip in this interface.

- **Lightings address:** The digitals on the left side of the software are respectively corresponding to the address of controlled lightings, and users need to choose the corresponding lightings address when dimming. Users also could click the certain digital to change the lighting address.
- **Brightness control strip:** User could slide the control strip to control the light brightness.
- **"-" "+" button:** User can also operate "-"or "+" button to slightly adjust the light brightness.
- **Power button:** This button could fulfill "**ALL-OFF/ALL-ON**" functions. This button is at green condition by default, and user could click on this button to control the brightness of all lightings to the darkest.

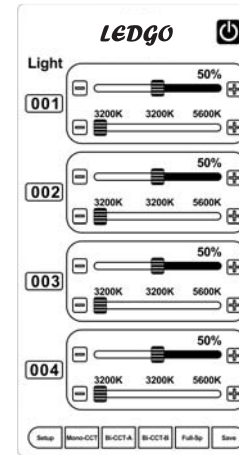## 3. How to independently control the light of daylight and tungsten light?

Click on the **Bi -Color-A** to enter into the Bi-color temperature control interface of the lightings, and each lighting in this interface occupies 2pcs control strip.

- **Lightings address:** The digitals on the left side of the software are respectively corresponding to the address of controlled lightings, and users need to choose the corresponding lightings address when dimming.
- **5600K light brightness control strip:** Users slide the control strip to adjust the brightness of the 5600K LED.
- **3200K light brightness control strip:** Users slide the control strip to adjust the brightness of the 3200K LED.
- **"-" "+" button:** The two buttons are for slightly adjusting the light brightness.
- **Power button:** This button is on the top right corner of the operation interface.
  This button could fulfill "**ALL-OFF/ALL-ON**" functions. It is at green condition by default, and user could click on this button to control the brightness of all lightings to the darkest.

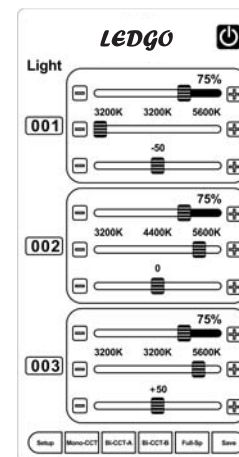## 4. How to respectively control the brightness and color temperature of liighting?

Click on the "**Bi - Color - B**", to enter into the Bi- Color temperature control interface, and each lighting in this interface occupies 2pcs control strip.

- **Lightings address:** The digitals on the left side of the software are respectively corresponding to the address of controlled lightings, and users need to choose the corresponding lightings address when dimming.
- **Brightness control strip:** The grey control stirp is for brightness control. Users could slide this control strip and adjust the brightness of lightings.
- **Color temperature control strip:** Yellow-white control strip are for color temperature control.Users could slide the control strip and adjust the color temperature of lightings.
- **"-" "+" button:** these two buttons are for slightly adjusting the light brightness or color temperature.

5. How to control the full spectrum lightings?

Click the **Full–Spectrum** to enter Full Spectrum control interface, and each lighting in this interface occupies 3pcs control strip.

- **Lightings address**: The digitals on the left side of the software are respectively corresponding to the address of controlled lightings, and users need to choose the corresponding lightings address when dimming.
- **Brightness control strip:** The grey control strip is for brightness control. Users could slide this strip to adjust the brightness of the lightings.
- **Color temperature control strip:** The yellow+white control strip are for color temperature control. Users could slide this strip to adjust the color temperature of the lightings.
- **Red light / green light control strip:** Users could slide the control strip to adjust the brightness of the red LED or green LED.
- **Power button:** This button is on the top right corner of the operation interface.
  This button could fulfill "**ALL-OFF/ALL-ON**" functions. This button is at green condition by default, and user could click on this button to control the brightness of all lightings to the darkest.