

# **4 MINI APP BATTERY**

## **WIRELESS WATERPROOF**

6IN1 RGBAW UV BATTERY POWERD & WIRELESS



# **USER INSTRUCTION MANUAL**

Thank you for your patronage!

We are confident that our excellent products and service can satisfy you.

For your own safety, please read this user manual carefully before installing the device. In order to install, operate, and maintain the lighting safety correctly.

We suggest that the installation and operation should be done by the verified technician and follow the instruction strictly.



**CAUTION!**

Unplug mains lead before device's installation, cleaning and maintenance!

**Technical Parameter:**

Input voltage: AC100V-250V/50-60HZ

Power: 60W

Light source: 4\* 15W high brightness LED beads (6 in 1)

Shell: All aluminum body, better heat dissipation

Color: 16.7 million color changes

Waterproof grade: IP65

Display: OLED touch screen, convenient and fast,

Color temperature: 2000-10000K adjustable (200K is a unit)

Time mode: 2 hours/4 hours/6 hours /8hour mode optional

Channel mode: 2CH/6CH/8CH/11CH

Light source lifespan: 50000 hours

Lens angle: 10 20

Control: DMX512, master-slave control, self-propelled, 2.4G wireless DMX512

Infrared remote control, WiFi mobile application control (supports Apple and Android)

Battery: Imported 18650 lithium battery with a capacity of 6000MAH

Charging and discharging up to 500 times or more

Charging time: fully charged within 6 hours

Discharge time: RGBWAUV fully lit for 2.5 hours, monochromatic for 12 hours.

Self mode for 6 hours

◆ Features

○ Self standing suspension

○ Mute

Ultra high frequency (64KHZ) dimming technology with no jitter or flicker

## 1、 Touch panel operation instructions:



## 2、Menu Function Description:

| display mode |          |                       | Function Description           |                                                     |
|--------------|----------|-----------------------|--------------------------------|-----------------------------------------------------|
| Address      | 001—512  |                       | Address code setting           |                                                     |
| Channel      | 2CH      |                       | 2-channel mode                 |                                                     |
|              | 6CH      |                       | 6-channel mode                 |                                                     |
|              | 8CH      |                       | 8-channel mode                 |                                                     |
|              | 11CH     |                       | 10 channel mode                |                                                     |
| DMX Fail     | Blackout |                       | Control panel data black field |                                                     |
|              | Hold     |                       | Console data retention         |                                                     |
| Frequency    | 600HZ    |                       | 600 refresh rate               |                                                     |
|              | 1200HZ   |                       | 1200 refresh rate              |                                                     |
|              | 2000HZ   |                       | 2000 refresh rate              |                                                     |
|              | 4000HZ   |                       | 4000 refresh rate              |                                                     |
|              | 12KHZ    |                       | 12K refresh rate               |                                                     |
|              | 25KHZ    |                       | 25K refresh rate               |                                                     |
|              | Custom   | Red:0-255             |                                | Red manual dimming                                  |
| Green:0-255  |          | Green manual dimming  |                                |                                                     |
| Blue:0-255   |          | Blue manual dimming   |                                |                                                     |
| White:0-255  |          | White manual dimming  |                                |                                                     |
| Amber:0-255  |          | Amber manual dimming  |                                |                                                     |
| UV:0-255     |          | Purple manual dimming |                                |                                                     |
| Program      | Static   | Colour:01-32          |                                | 32 types of static color mixing                     |
|              |          | Speed:00-16           |                                | Strobe speed (static color mixing at a speed of 00) |
|              | Auto     | Speed:00-16           |                                | Color jump                                          |
|              | Fade     | Fade 01               | Speed:00-16                    | Color gradient                                      |
|              |          | Fade 02               | Speed:00-16                    | color mutation                                      |
|              |          | Fade 03               | Speed:00-16                    | Color pulsation                                     |
|              | Sound    | Sound:01              |                                | Voice controlled color change                       |
|              |          | Sound:02              |                                | Voice controlled mutation                           |

|  |     |          |                         |                                                               |
|--|-----|----------|-------------------------|---------------------------------------------------------------|
|  |     | Sound:03 |                         | Voice controlled color changing flicker                       |
|  |     | Sound:04 |                         | Voice controlled color change+mutation+color changing flicker |
|  | CCT | 2000K    | Color temperature 2000K |                                                               |
|  |     | 2200K    | Color temperature 2200K |                                                               |
|  |     | 2400K    | Color temperature 2400K |                                                               |
|  |     | 2600K    | Color temperature 2600K |                                                               |
|  |     | 2800K    | Color temperature 2800K |                                                               |
|  |     | 3200K    | Color temperature 3200K |                                                               |
|  |     | 3600K    | Color temperature 3600K |                                                               |
|  |     | 4000K    | Color temperature 4000K |                                                               |
|  |     | 4400K    | Color temperature 4400K |                                                               |
|  |     | 4800K    | Color temperature 4800K |                                                               |
|  |     | 5200K    | Color temperature 5200K |                                                               |
|  |     | 5600K    | Color temperature 5600K |                                                               |
|  |     | 6000K    | Color temperature 6000K |                                                               |
|  |     | 6400K    | Color temperature 6400K |                                                               |
|  |     | 6800K    | Color temperature 6800K |                                                               |
|  |     | 7200K    | Color temperature       |                                                               |

|                      |                     |         |                                                                                         |
|----------------------|---------------------|---------|-----------------------------------------------------------------------------------------|
|                      |                     | 7200K   |                                                                                         |
|                      |                     | 7600K   | Color temperature 7600K                                                                 |
|                      |                     | 8000K   | Color temperature 8000K                                                                 |
|                      |                     | 8400K   | Color temperature 8400K                                                                 |
|                      |                     | 8800K   | Color temperature 8800K                                                                 |
|                      |                     | 9200K   | Color temperature 9200K                                                                 |
|                      |                     | 9600K   | Color temperature 9600K                                                                 |
|                      |                     | 10000K  | Color temperature 10000K                                                                |
|                      | WIFI                | LED_XXX | WIFI mode and link address                                                              |
| <b>Wireless</b>      | <b>DMX</b> (ON/OFF) |         | Wireless 2.4G on/off                                                                    |
|                      | Group ID:1-7        |         | 7 frequency bands<br>(red/green/yellow/blue/purple/green/white)                         |
| <b>Run Time</b>      | 2/4/6/8 hour        |         | Lamp usage time setting                                                                 |
| <b>Back Light</b>    | 20s                 |         | Display standby for 10 seconds and turn off the screen                                  |
|                      | 30s                 |         | Display standby for 20 seconds and turn off the screen                                  |
|                      | 40s                 |         | Display standby for 30 seconds and turn off the screen                                  |
| <b>IR</b>            | ON/OFF              |         | Infrared remote control on/off                                                          |
| <b>Menu Lock</b>     | ON/OFF              |         | Button lock on/off<br>(When the screen is locked, long press the UP+DOWN key to unlock) |
| <b>Factory Reset</b> | NO/YES              |         | System self-test reset                                                                  |
| <b>Curve</b>         | Led Curve 1         |         | Linear                                                                                  |
|                      | Led Curve 2         |         | Square Curve                                                                            |
|                      | Led Curve 3         |         | Logarithmic curve                                                                       |
|                      | Led Curve 4         |         | s-curve                                                                                 |
| <b>Information</b>   | Version V12         |         | Software version                                                                        |
|                      | Current Time        |         | XX                                                                                      |

**Note:**

A. In A001 state mode, press and hold the ENTER key for 3 seconds, and the program will

automatically enter current regulation mode. Press the ENTER key again to select the color (adjust the value with the up and down keys), and then press the menu key to return.

B、 When the host sends, the frequency band indicator light flashes slowly in red, and when the slave receives, the frequency band indicator light flashes slowly in green.

C、 The steps for controlling mobile WIFI are as follows:

Step 1: Install the app for this software on your phone first (LED LAMP - Stage - LED LIGHT)

Step 2: Switch the display function of the lighting fixtures to WIFI mode (under menu Program \ WIFI mode)

Step 3: Open the settings icon on your phone, turn on WIFI and search for the WIFI address. The words starting with LED will appear. Like "LED-XXX", click on the link

Step 4: Return the phone to the main interface, find the app installed on the phone and open it. Wait for the link to succeed to control it.

D、 In Wireless mode of the menu, 7 frequency bands of wireless 2.4G can be adjusted, and the corresponding light colors for the 7 frequency bands are as follows: (01 red/02 green/03 yellow/04 blue/05 light blue/06 purple/07 white)

E、 During the charging process, a charging interface will appear on the display screen (if you need to use the lamp while charging, press the MENU button on the charging interface to enter the operation mode and running mode of the lamp)

F、 Over temperature protection function: (1. When the temperature reaches 50 degrees and 59 degrees, the program will automatically reduce the brightness by 30%. 2. When the temperature reaches 60 degrees and 69 degrees, the program will automatically reduce the brightness by 25%. When the temperature reaches 70 degrees and 79 degrees, the program will automatically reduce the brightness by 30%. When the temperature reaches 80 degrees, the program will automatically turn off the light.)

G、 This lighting fixture supports wired RDM and software online upgrade function.

### 3、 DMX512 channel description:

| Number of channels | 2CH mode                                                                                                                                                                                                                    | 6CH mode                 | 8CH mode                                    | 11CH mode                |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------------------------|--------------------------|
| CH1                | 0-255 total dimming                                                                                                                                                                                                         | 0-255 red linear dimming | 0-255 total dimming                         | 0-255 total dimming      |
| CH2                | 0-10 closed light<br>11-20 color temperature 2000K<br>21-30 color temperature 2200K<br>31-40 color temperature 2400K<br>41-50 color temperature 2600K<br>51-60 color temperature 2800K<br><br>61-70 color temperature 3200K | 0-255 Green Linear 149   | 0-9 off light, 10-255 strobe (slow to fast) | 0-255 red linear dimming |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                      |                             |                            |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------------------|----------------------------|
|     | 71-80 color<br>temperature 3600K<br>81-90 color<br>temperature 4000K<br>91-100 color<br>temperature 4400K<br>101-110 color<br>temperature 4800K<br>111-120 color<br>temperature 5200K<br>121-130 color<br>temperature 5600K<br>131-140 color<br>temperature 6000K<br>141-150 color<br>temperature 6400K<br>151-160 color<br>temperature 6800K<br>161-170 color<br>temperature 7200K<br>171-180 color<br>temperature 7600K<br>181-190 color<br>temperature 8000K<br>191-200 color<br>temperature 8400K<br>201-210 color<br>temperature<br>8800K211<br>-220 color<br>temperature 9200K<br>221-230 color<br>temperature 9600K<br>231-240 color<br>temperature 10000K<br>241-255 No<br>function |                      |                             |                            |
| CH3 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0-255 Blue<br>Linear | 0-255 red linear<br>dimming | 0-255 green linear dimming |

|     |  |                             |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----|--|-----------------------------|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |  | Dimming                     |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| CH4 |  | 0-255 white linear dimming  | 0-255 green linear dimming  | 0-255 Blue Linear Dimming                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| CH5 |  | 0-255 Amber Linear Dimming  | 0-255 Blue Linear Dimming   | 0-255 white linear dimming                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| CH6 |  | 0-255 purple linear dimming | 0-255 white linear dimming  | 0-255 Amber Linear Dimming                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| CH7 |  |                             | 0-255 Amber Linear Dimming  | 0-255 purple linear dimming                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| CH8 |  |                             | 0-255 purple linear dimming | 0-9 off light, 10-255 strobe (slow to fast)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| CH9 |  |                             |                             | 0-10 closed light<br>11-20 color temperature 2000K<br>21-30 color temperature 2200K<br>31-40 color temperature 2400K<br>41-50 color temperature 2600K<br>51-60 color temperature 2800K<br>61-70 color temperature 3200K<br>71-80 color temperature 3600K<br>81-90 color temperature 4000K<br>91-100 color temperature 4400K<br>101-110 color temperature 4800K<br>111-120 color temperature 5200K<br>121-130 color temperature 5600K<br>131-140 color temperature 6000K<br>141-150 color temperature 6400K<br>151-160 color temperature 6800K<br>161-170 color temperature 7200K<br>171-180 color temperature 7600K<br>181-190 color temperature 8000K |



|      |  |  |  |                                                                                                                                                                                                                                                                                     |
|------|--|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |  |  |  | 191-200 color temperature<br>8400K<br>201-210 color temperature<br>8800K211<br>-220 color temperature<br>9200K<br>221-230 color temperature<br>9600K<br>231-240 color temperature<br>10000K<br>241-255 No function                                                                  |
| CH10 |  |  |  | 0-9 closed light<br>10-50 static color mixing,<br>51-100 jump mode<br>101-150 Gradient Mode<br>151-200 mutation mode<br>201-215 color changing<br>voice control<br>216-230 color strobe sound<br>control<br>231-245 mutation voice<br>control<br>246-255 breathing voice<br>control |
| CH11 |  |  |  | 0-255 speed                                                                                                                                                                                                                                                                         |

#### 4、 Infrared remote control function:



- 1、 Dimming up key
- 2、 Dimming down key
- 3、 OFF light off pause
- 4、 ON light on operation
- 5、 R. The G, B, W, A, and UV keys have 6 monochrome colors
- 6、 The 0 key is the A001 console receiving mode, and the up and down keys are used to adjust the address
- 7、 The 1-9 numeric keys provide 9 color blends
- 8、 The AUTO key changes color, and the up and down keys adjust speed
- 9、 STROBE key for flashing, up and down keys to adjust speed
- 10、 FADE key for color gradient, up and down keys to adjust speed
- 11、 The SOUND key is for voice control, and the up and down keys are used to adjust the voice control mode

