

# **16 APP BATTERY**

## **WIRELESS & pixel WATERPROOF**

**16\*20W 4IN1 RGBA BATTERY POWERD & WIRELESS**



**BLUE SEA LIGHTING**

### **USER INSTRUCTION MANUAL**

Thank you for purchasing the APP par from our company. Every product has been well tested and has shipped in perfect operating condition. When receiving our products carefully check the shipping carton for damage that may have happen during transport. In case of the damage inspect the fixture for the damages or missing accessories necessary to operate. If parts are missing or fixture has been damage please report this by Product.

## TECHNICAL PARAMETERS

The main floodlights in this category have been upgraded a number of upgrades, improving the mixed light effect, size, weight and functionality, with higher lumen output, additional LED and optimised optical design and excellent beam alignment, which is suitable for various outdoor or indoor scenarios.

It is suitable for iOS® and Android systems, and supports mobile and tablet versions.

Support the control of RDM, 2.4G.WDMX and IR

It can be quickly spliced and supports multiple unlimited splicing.

Easy-to-read OLED display

Including infrared remote control

Core: BMS Intelligent Battery Management System

✓ Multiple safety protection: full protection of overcharging/overdischarge/overcurrent/overtemperature/short circuit, eliminating the hidden dangers of the battery

✓ Intelligent charging and discharge: fast charging + trickle maintenance, extend battery life, stable battery life

✓ Real-time monitoring: real-time display of power/voltage/current, accurate monitoring of power, percentage of power display and estimated battery life

✓ Automatic switching of dual electricity: seamless switching of municipal power/battery power supply

✓ Point control adaptation: synchronous support lamp point control, precise light control

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

Power: 240W

Light source: 16 LEDs (RGBA) life expectancy of 50,000 hours

Colour temperature (range): 2000 to 10000K adjustable

Waterproof level: IP65

Lens angle: 20° (10 20 40 optional)

Optional PWM: 800 Hz, 1000 Hz, 2000 Hz, 4000 Hz, 12000 Hz, 25000 Hz

Shell material: aluminum die-casting

Control protocol: RDM, 2.4G, WDMX. IR. APP

Compatibility of wireless WDMX "G": g3, g4, g4s

Battery type: lithium battery

Battery charging time: 5 hours

Time mode: max/3/4/5/6/7/8 hour mode can be selected

Battery: Imported 18650 lithium battery 21000mah capacity

It can be charged and discharged more than 500 times.

Charging time: 6 hours fully charged

## 1、 Touch panel operation instructions:



| Key         | Function Description                                                     |
|-------------|--------------------------------------------------------------------------|
| POWER       | Long press to turn on the device.                                        |
| DIMMER      | Shortcut key. Enter the Dimmer settings interface.                       |
| APP CONTROL | Shortcut key. Enter the APP CONTROL interface.                           |
| COLOR       | Shortcut key. Select either Color Function or CCT Function.              |
| MENU        | Enter the main menu or return to the previous menu from a submenu.       |
| UP          | Add one option to the selection.                                         |
| DOWN        | Select option minus one.                                                 |
| ENTER       | Enter the menu selection item or confirm the selection data and save it. |
| UP+DOWN     | Long press the button to lock or unlock.                                 |
| MENU+DOWN   | Long press the screen to rotate.                                         |
| ENTER+UP    | Long press to enter the LED color calibration interface.                 |

## 2、 Menu Function Description:

| Level1   | Level2      | Level3      | Level4  | Functiondescription                                                                                                                                                                                                                                                                                              |
|----------|-------------|-------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Address  | (001-512)   |             |         | Set the dmx address                                                                                                                                                                                                                                                                                              |
| Run Mode | DMX         |             |         | Select the fixture run mode(If the lamp receives a remote control signal, it will adopt the remote control mode first. If it is not in the remote control mode, when the display panel shows the DMX signal, it will prioritize the DMX operation mode. When there is no signal, it will run the selected mode.) |
|          | APP CONTROL | LED-00-XXXX |         |                                                                                                                                                                                                                                                                                                                  |
|          | CCT         | CCT         | 2000K   |                                                                                                                                                                                                                                                                                                                  |
|          |             |             | 2200K   |                                                                                                                                                                                                                                                                                                                  |
|          |             |             | 2400K   |                                                                                                                                                                                                                                                                                                                  |
|          |             |             | 2600K   |                                                                                                                                                                                                                                                                                                                  |
|          |             |             | 2800K   |                                                                                                                                                                                                                                                                                                                  |
|          |             |             | 3200K   |                                                                                                                                                                                                                                                                                                                  |
|          |             |             | 3600K   |                                                                                                                                                                                                                                                                                                                  |
|          |             |             | 4000K   |                                                                                                                                                                                                                                                                                                                  |
|          |             |             | 4400K   |                                                                                                                                                                                                                                                                                                                  |
|          |             |             | 4800K   |                                                                                                                                                                                                                                                                                                                  |
|          |             |             | 5200K   |                                                                                                                                                                                                                                                                                                                  |
|          |             |             | 5600K   |                                                                                                                                                                                                                                                                                                                  |
|          |             |             | 6000K   |                                                                                                                                                                                                                                                                                                                  |
|          |             |             | 6400K   |                                                                                                                                                                                                                                                                                                                  |
|          |             |             | 6800K   |                                                                                                                                                                                                                                                                                                                  |
|          |             |             | 7200K   |                                                                                                                                                                                                                                                                                                                  |
|          |             |             | 7600K   |                                                                                                                                                                                                                                                                                                                  |
|          |             |             | 8000K   |                                                                                                                                                                                                                                                                                                                  |
|          |             |             | 8400K   |                                                                                                                                                                                                                                                                                                                  |
|          |             |             | 8800K   |                                                                                                                                                                                                                                                                                                                  |
|          |             |             | 9200K   |                                                                                                                                                                                                                                                                                                                  |
|          |             |             | 9600K   |                                                                                                                                                                                                                                                                                                                  |
|          |             |             | 10000K  |                                                                                                                                                                                                                                                                                                                  |
|          |             | Green       | ±1.00   |                                                                                                                                                                                                                                                                                                                  |
|          |             | Hue         | 0-360   |                                                                                                                                                                                                                                                                                                                  |
|          |             | Sta         | 0%-100% |                                                                                                                                                                                                                                                                                                                  |
|          | Color       | Macro       | 000-046 |                                                                                                                                                                                                                                                                                                                  |
|          |             | Strobe      | 000-255 |                                                                                                                                                                                                                                                                                                                  |
|          | STATIC      | Dimmer      | 0-255   |                                                                                                                                                                                                                                                                                                                  |
|          |             | Shutter     | 0-255   |                                                                                                                                                                                                                                                                                                                  |
|          |             | Red         | 0-255   |                                                                                                                                                                                                                                                                                                                  |
|          |             | Green       | 0-255   |                                                                                                                                                                                                                                                                                                                  |
|          |             | Blue        | 0-255   |                                                                                                                                                                                                                                                                                                                  |
|          |             | Amber       | 0-255   |                                                                                                                                                                                                                                                                                                                  |
|          |             | R-1         | 0-255   |                                                                                                                                                                                                                                                                                                                  |
|          |             | G-1         | 0-255   |                                                                                                                                                                                                                                                                                                                  |
|          |             | B-1         | 0-255   |                                                                                                                                                                                                                                                                                                                  |
|          |             | A-1         | 0-255   |                                                                                                                                                                                                                                                                                                                  |

|          |             |          |         |        |                                                                                                                                                                                                         |
|----------|-------------|----------|---------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |             | R-2      |         | 0-255  |                                                                                                                                                                                                         |
|          |             | G-2      |         | 0-255  |                                                                                                                                                                                                         |
|          |             | B-2      |         | 0-255  |                                                                                                                                                                                                         |
|          |             | A-2      |         | 0-255  |                                                                                                                                                                                                         |
|          |             | ...      |         | ...    |                                                                                                                                                                                                         |
|          |             | R-16     |         | 0-255  |                                                                                                                                                                                                         |
|          |             | G-16     |         | 0-255  |                                                                                                                                                                                                         |
|          |             | B-16     |         | 0-255  |                                                                                                                                                                                                         |
|          |             | A-16     |         | 0-255  |                                                                                                                                                                                                         |
|          |             | Auto     | Effect  |        |                                                                                                                                                                                                         |
|          | ...         |          |         |        |                                                                                                                                                                                                         |
|          | Effect40    |          |         |        |                                                                                                                                                                                                         |
|          | Speed       |          | 000-255 |        |                                                                                                                                                                                                         |
| Channels | 4CH         |          |         |        | Select the fixture channel mode                                                                                                                                                                         |
|          | 5CH         |          |         |        |                                                                                                                                                                                                         |
|          | 6CH         |          |         |        |                                                                                                                                                                                                         |
|          | 12CH        |          |         |        |                                                                                                                                                                                                         |
|          | 64CH        |          |         |        |                                                                                                                                                                                                         |
|          | 78CH        |          |         |        |                                                                                                                                                                                                         |
| Setting  | Remote      | On/Off   |         |        | Infrared remote control on/off                                                                                                                                                                          |
|          | WirelessDMX | EASYLINK | On/Off  | On/Off | On=Turn on EASYLINK<br>Off=Turn off EASYLINK<br>(When the EASYLINK mode is activated, the WDMX mode automatically shuts down.<br>When both modes are turned off, the module is in a deactivated state.) |
|          |             |          | Channel | 01-007 | EASYLINK protocol<br>(Wireless DMX setup under Guangzhou protocol)                                                                                                                                      |
|          |             | WDMX     | On/Off  | On/Off | On=Turn on WDMX<br>Off=Turn off WDMX<br>(When the WDMX mode is activated, the EASYLINK mode automatically shuts down.<br>When both modes are turned off, the module is in a deactivated state.)         |
|          |             |          |         |        | Operating Mode                                                                                                                                                                                          |
|          |             |          |         |        | receive                                                                                                                                                                                                 |

|               |                 |              |         |                                                                                                             |
|---------------|-----------------|--------------|---------|-------------------------------------------------------------------------------------------------------------|
|               |                 |              | Connect | Connect command: Initiate or maintain a communication link with the peer device.Valid only in transmit mode |
|               |                 |              | Reset   | Reset command: Terminate the current connection and reset the communication state.                          |
|               | LED WDMX        | On/Off       |         | Wireless DMX indicator light on and off control                                                             |
|               | Runtime         | MAX          |         | Lamp battery usage time setting                                                                             |
|               |                 | 3Hours       |         |                                                                                                             |
|               |                 | 4Hours       |         |                                                                                                             |
|               |                 | 5Hours       |         |                                                                                                             |
|               |                 | 6Hours       |         |                                                                                                             |
|               |                 | 7Hours       |         |                                                                                                             |
|               |                 | 8Hours       |         |                                                                                                             |
|               | Display         | Display Flip | On/Off  | On=Display flipped 180 degrees<br>Off=Normal display not flip                                               |
|               |                 | Backlight    | 20s     | no operation is performed, the display will be closed after select the time                                 |
|               |                 |              | 30s     |                                                                                                             |
|               |                 |              | 40s     |                                                                                                             |
|               |                 |              | ON      | The display is steady on                                                                                    |
|               |                 | AutoLock     | On/Off  | On=Open the automatic locking function,It locks automatically after the screen is off                       |
|               |                 |              |         | Off=Disable the automatic locking function                                                                  |
|               |                 |              |         | Long press the up and down keys to quickly lock and unlock                                                  |
|               | DMXFail         | Hold         |         | Hold=Remain in pre-signal state                                                                             |
|               |                 | Blackout     |         | Blackout=Clear signal data clear to zero                                                                    |
|               | DimmerCurve     | Linear       |         | Set the dimming curve of the fixture                                                                        |
|               |                 | Square Law   |         |                                                                                                             |
|               |                 | Inv Square   |         |                                                                                                             |
|               |                 | S-Curve      |         |                                                                                                             |
|               | DimmerFrequency | 800Hz        |         | Select the LED refresh frequency                                                                            |
|               |                 | 1000Hz       |         |                                                                                                             |
|               |                 | 2000Hz       |         |                                                                                                             |
|               |                 | 4000Hz       |         |                                                                                                             |
|               |                 | 12000Hz      |         |                                                                                                             |
|               |                 | 20000Hz      |         |                                                                                                             |
| Factory Reset | No/YES          |              |         | YES=The fixture is restored to factory default Settings                                                     |

|             |                |                        |                                     |                                                                                                            |
|-------------|----------------|------------------------|-------------------------------------|------------------------------------------------------------------------------------------------------------|
| System Info | Version        | D.V xx.xx<br>L.V xx.xx |                                     | Display instal led firmware version                                                                        |
|             | Battery Status | xx%                    |                                     | Display battery percentage                                                                                 |
|             | RDMUID         | 0X0001xxxxxxxx         |                                     | Display unique RDM ID for identification                                                                   |
|             | Temperatures   | LED:XXX°C              |                                     | Display fixture temperature by celsius                                                                     |
|             | Power on Time  | xxxxhxxm               |                                     | Display fixture total power on time                                                                        |
|             | LED on Time    | xxxxhxxm               |                                     | Display LED total power on time                                                                            |
|             | Bms Info       | Battery Health         | xx%                                 | Display battery health condition                                                                           |
|             |                | Remaining Rtime        | xxxx h xx m                         | Display estimated remaining operating time                                                                 |
|             |                | Battery State          | Charging /<br>Discharging<br>/ Full | Display current battery working status                                                                     |
|             |                | Battery Voltage        | xx.x V                              | Display total battery pack voltage                                                                         |
|             |                | Charge Current         | xx.x A                              | Display charging or discharging current                                                                    |
|             |                | Charge Voltage         | xx.x V                              | Display battery charging voltage (charging only)                                                           |
|             |                | Time to Full           | xxxx h xx m                         | Display estimated charging time remaining                                                                  |
|             |                | Cell Voltage           | C1: xx.x V                          | Display individual battery cell voltages                                                                   |
|             |                |                        | C2: xx.x V                          |                                                                                                            |
|             |                |                        | C3: xx.x V                          |                                                                                                            |
|             |                | Cell Imbalance         | xxxx mV                             | Display voltage difference between cells                                                                   |
|             |                | BAT Temperature        | xx °C                               | Display battery internal temperature                                                                       |
|             |                | Electronics T          | xx °C                               | Display control board temperature                                                                          |
|             |                | Protect Status         | Normal /<br>Active                  | Display battery protection status                                                                          |
|             |                | Last FaultEvent        | Text                                | Display last battery protection or fault event                                                             |
|             | Service status | Power limited          | Yes / No                            | Displays whether the system is currently limiting LED output or charging power to protect the electronics. |
|             |                | Limit reason           | None /<br>Thermal /                 | Displays the reason for power limitation:                                                                  |

|              |        |                  |                 |                                                                                                                                           |
|--------------|--------|------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------|
|              |        |                  | Power / Battery | *Thermal – system temperature is too high<br>*Power – maximum PSU power reached<br>*Battery – battery protection or low battery condition |
|              |        | Charging Allow   | Yes / No        | Displays whether battery charging is currently permitted.                                                                                 |
|              |        | Discharge Allow  | Yes / No        | Displays whether the battery is allowed to supply power to the system.                                                                    |
|              |        | PowerTemperature | xx °C           | Displays the internal power electronics temperature.                                                                                      |
| shortcut key | Dimmer | Intensity        | 0%-100%         | Adjust the Intensity from 0% to 100%                                                                                                      |
|              |        | Runtime          | MAX             | Set the running time                                                                                                                      |
|              |        |                  | 3Hours          |                                                                                                                                           |
|              |        |                  | 4Hours          |                                                                                                                                           |
|              |        |                  | 5Hours          |                                                                                                                                           |
|              |        |                  | 6Hours          |                                                                                                                                           |
|              |        |                  | 7Hours          |                                                                                                                                           |
|              |        |                  | 8Hours          |                                                                                                                                           |

**Notes :** A 、 On the A001 interface is the lamp desktop. Press the MENU key to enter the menu operation interface.

B、 The frequency band indicator light is red slow flashing when the host sends, and green slow flashing when the slave receives.

C、 The steps for controlling mobile phone 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 lamp display function to WIFI mode  
(under menu Program WIFI mode)

Step3 、 Open the settings icon on your phone, open WIFI, and search for the WIFI address. The words beginning with LED will appear. For example, "LED-00-XXXX", click on the link。

Step 4 、 The phone returns to the Home screen, finds the APP installed on the phone, opens it, and controls it after the link is successful.

(If WiFi is not connected when using Bluetooth connection, the Bluetooth information of the module LEDSTAGE-00-XXXX will be displayed on the first interface )

D、In the menu Wireless mode, the 7 frequency bands of wireless 2.4G can be adjusted, and the corresponding light colors of 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, the charging interface will appear on the display screen (if



*you need to use the lamp while charging, press the POWER button under the charging interface to enter the operation mode and operation mode of the lamp)*

*F、Over-temperature protection function: When the temperature reaches 60 ℃, the program starts to reduce the brightness. As the temperature rises, the brightness decreases linearly in proportion. When the temperature reaches 85 ℃, the brightness drops to the level when the total dimming is 10.*

*G、When the battery power is lower than 20% and there is no mains power connected, the light will reduce its power, with the maximum reduction being to 75% of the total power.*

*H、When the power supply temperature exceeds 80 ℃, the lamp reduces its power and stops charging. When the temperature exceeds 90 ℃, the lamp goes out and stops discharging.*

*I、When the light is turned on, it starts with full charging. After the light goes out and stabilizes for 5 minutes, it then starts the fast charging mode.*

*J、This lamp supports wired RDM and software online upgrade functions.*

### 3、DMX512 Channel Description:

| ChannelMode |     |     |      |      |      | Function  | Value   | Function Description           |
|-------------|-----|-----|------|------|------|-----------|---------|--------------------------------|
| 5CH         | 4CH | 6CH | 12CH | 64CH | 78CH |           |         |                                |
| CH1         |     | CH1 | CH1  |      | CH1  | Dimmer    | 0-255   | Total dimming                  |
|             | CH1 | CH3 | CH2  |      | CH2  | Red       | 0-255   | Red linear dimming             |
|             | CH2 | CH4 | CH3  |      | CH3  | Green     | 0-255   | Green linear dimming           |
|             | CH3 | CH5 | CH4  |      | CH4  | Blue      | 0-255   | Blue linear dimming            |
|             | CH4 | CH6 | CH5  |      | CH5  | Amber     | 0-255   | Amber linear dimming           |
|             |     | CH2 | CH6  |      | CH6  | Strobe    | 0-4     | Light on                       |
|             |     |     |      |      |      |           | 5-104   | Pulse strobe (slow to fast)    |
|             |     |     |      |      |      |           | 105-204 | Gradient strobe (slow to fast) |
|             |     |     |      |      |      |           | 205-255 | Random strobe(slow to fast)    |
| CH2         |     |     | CH7  |      | CH7  | ColorTemp | 0-9     | No Function                    |
|             |     |     |      |      |      |           | 10-19   | 2000K                          |
|             |     |     |      |      |      |           | 20-29   | 2200K                          |
|             |     |     |      |      |      |           | 30-39   | 2400K                          |
|             |     |     |      |      |      |           | 40-49   | 2600K                          |
|             |     |     |      |      |      |           | 50-59   | 2800K                          |
|             |     |     |      |      |      |           | 60-69   | 3200K                          |
|             |     |     |      |      |      |           | 70-79   | 3600K                          |
|             |     |     |      |      |      |           | 80-89   | 4000K                          |
|             |     |     |      |      |      |           | 90-99   | 4400K                          |
|             |     |     |      |      |      |           | 100-109 | 4800K                          |
|             |     |     |      |      |      |           | 110-119 | 5200K                          |
|             |     |     |      |      |      |           | 120-129 | 5600K                          |
|             |     |     |      |      |      |           | 130-139 | 6000K                          |

|            |  |  |             |             |             |                            |         |                                                   |
|------------|--|--|-------------|-------------|-------------|----------------------------|---------|---------------------------------------------------|
|            |  |  |             |             |             |                            | 140-149 | 6400K                                             |
|            |  |  |             |             |             |                            | 150-159 | 6800K                                             |
|            |  |  |             |             |             |                            | 160-169 | 7200K                                             |
|            |  |  |             |             |             |                            | 170-179 | 7600K                                             |
|            |  |  |             |             |             |                            | 180-189 | 8000K                                             |
|            |  |  |             |             |             |                            | 190-199 | 8400K                                             |
|            |  |  |             |             |             |                            | 200-209 | 8800K                                             |
|            |  |  |             |             |             |                            | 210-219 | 9200K                                             |
|            |  |  |             |             |             |                            | 220-229 | 9600K                                             |
|            |  |  |             |             |             |                            | 230-255 | 10000K                                            |
| <b>CH3</b> |  |  | <b>CH8</b>  |             | <b>CH8</b>  | CCT<br>Green/Magenta       | 0-4     | No Function                                       |
|            |  |  |             |             |             |                            | 5-255   | -100% to 100%                                     |
| <b>CH4</b> |  |  |             |             | <b>CH9</b>  | CCT Hue                    | 0-255   | 0°-360°                                           |
| <b>CH5</b> |  |  |             |             | <b>CH10</b> | CCT Saturation             | 0-255   | 0%-100%                                           |
|            |  |  | <b>CH9</b>  |             | <b>CH11</b> | Effect                     | 0-4     | No Function                                       |
|            |  |  |             |             |             |                            | 5-8     | Effect 1                                          |
|            |  |  |             |             |             |                            | 9-12    | Effect 2                                          |
|            |  |  |             |             |             |                            | 13-16   | Effect 3                                          |
|            |  |  |             |             |             |                            | ...     | ...                                               |
|            |  |  |             |             |             |                            | 245-248 | Effect 61                                         |
|            |  |  |             |             |             |                            | 249-252 | Effect 62                                         |
|            |  |  |             |             |             |                            | 253-255 | Effect 63                                         |
|            |  |  | <b>CH10</b> |             | <b>CH12</b> | Speed                      | 0-127   | Forward Speed slow -fast                          |
|            |  |  |             |             |             |                            | 128-255 | Reverse Speed slow -fast                          |
|            |  |  | <b>CH11</b> |             | <b>CH13</b> | Effect Backlight<br>Dimmer | 0-255   | 0%-100% dimming                                   |
|            |  |  | <b>CH12</b> |             | <b>CH14</b> | Effect Backlight<br>Color  | 0-4     | No Function                                       |
|            |  |  |             |             |             |                            | 5-255   | Backlight Color (Enable only when effect running) |
|            |  |  |             | <b>CH1</b>  | <b>CH15</b> | Dimmer Red1                | 0-255   | Pixel 0%-100% dimming                             |
|            |  |  |             | <b>CH2</b>  | <b>CH16</b> | Dimmer Green1              | 0-255   | Pixel 0%-100% dimming                             |
|            |  |  |             | <b>CH3</b>  | <b>CH17</b> | Dimmer Blue1               | 0-255   | Pixel 0%-100% dimming                             |
|            |  |  |             | <b>CH4</b>  | <b>CH18</b> | Dimmer<br>Amber1           | 0-255   | Pixel 0%-100% dimming                             |
|            |  |  |             | <b>CH5</b>  | <b>CH19</b> | Dimmer Red2                | 0-255   | Pixel 0%-100% dimming                             |
|            |  |  |             | <b>CH6</b>  | <b>CH20</b> | Dimmer Green2              | 0-255   | Pixel 0%-100% dimming                             |
|            |  |  |             | <b>CH7</b>  | <b>CH21</b> | Dimmer Blue2               | 0-255   | Pixel 0%-100% dimming                             |
|            |  |  |             | <b>CH8</b>  | <b>CH22</b> | Dimmer<br>Amber2           | 0-255   | Pixel 0%-100% dimming                             |
|            |  |  |             | <b>CH9</b>  | <b>CH23</b> | Dimmer Red3                | 0-255   | Pixel 0%-100% dimming                             |
|            |  |  |             | <b>CH10</b> | <b>CH24</b> | Dimmer Green3              | 0-255   | Pixel 0%-100% dimming                             |
|            |  |  |             | <b>CH11</b> | <b>CH25</b> | Dimmer Blue3               | 0-255   | Pixel 0%-100% dimming                             |
|            |  |  |             | <b>CH12</b> | <b>CH26</b> | Dimmer<br>Amber3           | 0-255   | Pixel 0%-100% dimming                             |

|  |  |  |  |             |             |                   |       |       |                 |
|--|--|--|--|-------------|-------------|-------------------|-------|-------|-----------------|
|  |  |  |  | <b>CH13</b> | <b>CH27</b> | Dimmer Red4       | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH14</b> | <b>CH28</b> | Dimmer Green4     | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH15</b> | <b>CH29</b> | Dimmer Blue4      | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH16</b> | <b>CH30</b> | Dimmer<br>Amber4  | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH17</b> | <b>CH31</b> | Dimmer Red5       | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH18</b> | <b>CH32</b> | Dimmer Green5     | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH19</b> | <b>CH33</b> | Dimmer Blue5      | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH20</b> | <b>CH34</b> | Dimmer<br>Amber5  | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH21</b> | <b>CH35</b> | Dimmer Red6       | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH22</b> | <b>CH36</b> | Dimmer Green6     | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH23</b> | <b>CH37</b> | Dimmer Blue6      | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH24</b> | <b>CH38</b> | Dimmer<br>Amber6  | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH25</b> | <b>CH39</b> | Dimmer Red7       | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH26</b> | <b>CH40</b> | Dimmer Green7     | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH27</b> | <b>CH41</b> | Dimmer Blue7      | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH28</b> | <b>CH42</b> | Dimmer<br>Amber7  | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH29</b> | <b>CH43</b> | Dimmer Red8       | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH30</b> | <b>CH44</b> | Dimmer Green8     | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH31</b> | <b>CH45</b> | Dimmer Blue8      | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH32</b> | <b>CH46</b> | Dimmer<br>Amber8  | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH33</b> | <b>CH47</b> | Dimmer Red9       | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH34</b> | <b>CH48</b> | Dimmer Green9     | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH35</b> | <b>CH49</b> | Dimmer Blue9      | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH36</b> | <b>CH50</b> | Dimmer<br>Amber9  | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH37</b> | <b>CH51</b> | Dimmer Red10      | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH38</b> | <b>CH52</b> | Dimmer<br>Green10 | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH39</b> | <b>CH53</b> | Dimmer Blue10     | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH40</b> | <b>CH54</b> | Dimmer<br>Amber10 | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH41</b> | <b>CH55</b> | Dimmer Red11      | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH42</b> | <b>CH56</b> | Dimmer<br>Green11 | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH43</b> | <b>CH57</b> | Dimmer Blue11     | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH44</b> | <b>CH58</b> | Dimmer<br>Amber11 | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH45</b> | <b>CH59</b> | Dimmer Red12      | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH46</b> | <b>CH60</b> | Dimmer<br>Green12 | 0-255 | Pixel | 0%-100% dimming |

|  |  |  |  |             |             |                   |       |       |                 |
|--|--|--|--|-------------|-------------|-------------------|-------|-------|-----------------|
|  |  |  |  | <b>CH47</b> | <b>CH61</b> | Dimmer Blue12     | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH48</b> | <b>CH62</b> | Dimmer<br>Amber12 | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH49</b> | <b>CH63</b> | Dimmer Red13      | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH50</b> | <b>CH64</b> | Dimmer<br>Green13 | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH51</b> | <b>CH65</b> | Dimmer Blue13     | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH52</b> | <b>CH66</b> | Dimmer<br>Amber13 | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH53</b> | <b>CH67</b> | Dimmer Red14      | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH54</b> | <b>CH68</b> | Dimmer<br>Green14 | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH55</b> | <b>CH69</b> | Dimmer Blue14     | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH56</b> | <b>CH70</b> | Dimmer<br>Amber14 | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH57</b> | <b>CH71</b> | Dimmer Red15      | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH58</b> | <b>CH72</b> | Dimmer<br>Green15 | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH59</b> | <b>CH73</b> | Dimmer Blue15     | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH60</b> | <b>CH74</b> | Dimmer<br>Amber15 | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH61</b> | <b>CH75</b> | Dimmer Red16      | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH62</b> | <b>CH76</b> | Dimmer<br>Green16 | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH63</b> | <b>CH77</b> | Dimmer Blue16     | 0-255 | Pixel | 0%-100% dimming |
|  |  |  |  | <b>CH64</b> | <b>CH78</b> | Dimmer<br>Amber16 | 0-255 | Pixel | 0%-100% dimming |

#### 4、Infrared remote control function:

- 1、Dimming up button
- 2、Dimming down key
- 3、OFF light off pause
- 4、ON operation
- 5、R、G、B、A keys are 4 monochromes.
- 6、The 0 key is in the A001 console reception mode, and the up and down keys adjust the address
- 7、1-9 number keys for 9 mixed colors.
- 8、The AUTO key changes color, and the up and down keys adjust speed.
- 9、The STROBE key is a strobe, and the up and down keys adjust the speed.
- 10、FADE key for color gradient, up and down keys to adjust speed.
- 11、CCT key for ColorTemp, up and down keys to adjust Dimmer.



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***BLUE SEA LIGHTING***