

USER'S MANUAL



1. Safety information

After receiving the device, please unpacking check whether any visible damage was caused during transport. If the power cord, housing or the light are damaged, do not operate the device, contact your specialized dealer or manufacturer immediately.



1. Please read the user manual before energizing or installation.
2. Follow operating safety precautions and pay attention to warning signs methods and Equipment on the user manual.



Prevent fall to injury

1. When hanging lamps, must verify the lamp hook and facilities at least able to withstand the weight of the lamp 10 times.
2. Before installation must be verify the install hardware strong enough no other damage, and the use of safe insurance rope as auxiliary safe way, fixed on the other facilities.
3. Installing or removing equipment, must be lower the boom to a safe place.



Prevent combustion or fire

1. Please do not install the device directly on the surface of ordinary combustible material.
2. Don't short sub temperature control protection switch or fuse, must use the regulation models of fuse.



3. Equipment must be installed away from flammable materials, equipment away from flammable items vor materials shortest distance is 0.5m.
4. Fan or ventilation at least within the range of 0.3m can not have obstacles.
5. Allow equipment to cool at least 15 minutes before handling.

2. Packing information

Packing List

Item Name	QTY	Unit
The LED par light	1	pcs
POWER Cables	1	pcs
DMX Cables	1	pcs
Power Supply	1	pcs
User manual:	1	pcs

Packing Dimensions

Weight; New weight:1.9KG Gross weight:2.5KG Product Size: 130*130*122mm

Package Size: 385* 370*360mm (8 Lights/box)

3. Control signal connection

3.1. DMX Signal Cable Connection

From the controller to the network socket of the device closest to the controller, and then from the output end of the device to the input end of the next device, so continuous.

Then a terminal plug is inserted at the output end of the terminal device of the data connection line.

Note:

1. Turn off the wireless DMX when using the DMX signal line connection.
2. DMX512 signal amplifier should be added to long-distance signal transmission. First connect from the controller to the DMX512 signal amplifier, The input end is then connected to the lamp from its output end, and the terminal plug is finally fitted.

3.2 Wireless DMX Connection

Operational instructions:

1. Firstly, the controller is connected to the wireless DMX controller.
2. Press the button to display the current ID settings, then press the ID settings, add 1 to each ID value.
3. Working state.
LED always bright: no DMX or wireless signal.
Red LED Flash: Send
Green LED Flash: Receive
Radio frequency ...2.. 400-2. 525 G, a total of 126 bands, automatic selection without setting
5. ID coding - "1-7" group ID coding. according to "KEY" adjustment, only the same ID code transceiver board can communicate with each other.
6. The relationship between the ID code of the "Wireless indicator" light and the color of the LED:
 - RED-----Red.
 - GREEN -----Green.
 - RED+GREEN -----Yellow
 - Blue -----Blue
 - RED+BLUE -----UV
 - GREEN+BLUE -----Cyan
 - RED + GREEN + BLUE----White

Establishment of communication

1. Setting menu SNAL select WLEE (WIRELESS) to open wireless mode.
 2. Press the "DMX select" button to set the ID of the receiving and sending board to be communicated To be the same. If more than one set of wireless networks is to be used in the same place, the ID of each network not the same.
 3. After receiving DMX data, the transmitter chooses the non-interference frequency band to send the data red LED flashing, and the receiver changes the communication frequency band upward until it receives the same ID code. Correct data at this time green LED flash, DMX data faster LED flash faster. Communication is established this time.
- Note: When using wired DMX, the menu SNAL must be set to select WIRE to open wired mode. When the Wireless Indicator lamp is not on, the wireless module is closed.

4. Control panel description:

MENU: Access the menu

▼ : "reduction key" or "key under the selected"; decrease the value function down menu

▲ : "add key" or selection on the key"; increase the value function, shift on the menu

ENTER: Is used to select and confirm/store the current selection **MASTER:** Master indicator

SOUND: Sound control indicator DMX; DMX512 indicator SLAVE: Slave indicator

WIRELESS INDICATOR: Wireless signal indicator

DMX SELECT: DMX selection indicator

5. Remote controller instructions :

BLACK OUT Mode

Standby key, press once to enter standby mode, while closing the infrared remote control. Press the standby mode again and turn on the infrared remote control.

AUTO Mode

Automatic mode. Press once, switch from any mode to automatic mode, color jump automatically.

SOUND Mode

Sound control mode, press once, switch from any mode to voice control mode, voice control is not triggered automatically color jump, voice control is triggered to speed up color jump.

STROBE Mode

The stroboscopic button. Press once, single stroboscopic, press long stroboscopic until the key is released.

FADE Mode

Color Gradient Self-Walking Mode, click once, switch from any mode to color, Gradient Self-Walking Mode

SPEED Mode

In Fade mode, adjusting Fade speed, there are 9 speed options. Each press, digital display SP1 ~ SP9, SP1 is the slowest, SP9 is the fastest.

SENSITIVITY Mode

No function

MANUAL Mode

Manual mode, press once, switch from any mode to manual mode. then press one of the "R, G, B, A, U, V, W" button again to adjust the brightness of the current color. Zero

Fixed color mode, press once, switch from any mode to fixed color mode.

- 0-----" Co 1"
- 1-----" Co 2"
- 2-----" Co 3"
- 3-----" Co 4"
- 4-----" Co 5"
- 5-----" Co 6"
- 6-----" Co 7"
- 7-----" Co 8"
- 8-----" Co 9"
- 9-----" Co 10"

6. Setting DMX512 console channel address:

After starting DMX512 console, etc LCD display console initialization has been completed press program until the top of the light is flashing, then press the button below channel 1, channel 1 indicator light DMX512 console's address is 0000000, to promote channel faders can be DMX512 console control.

Choose DMX512 address consistent with DIP, light to enter the DMX512 control console for the state. The products selected as 10000000 DMX512 console take effect.

7. Specification:

- 1). Rated voltage: 90V-240VAC, 50/60Hz
- 2). Power Consumption: 55W
- 3). LEDs: 4PCS* 12 w RGBW(4in1) LEDs
- 4). Lamp rated life: >50000 Hours
- 5). Beam angle: 40 degree
- 6). DMX512 Channels: 4/8CH
- 7). Dimming 0-100%
- 8) with wireless DMX & IR remote control
- 9). Strobe: Independent electronic strobe, 0-20 times 1 second, the speed can be adjusted
- 10). Battery working time: (+/-) 4 hours Full color, (+/-) 15 hours single color or auto run
- 11). Control Mode. Wireless DMX control , IR remote control , DMX512 control , Auto Run, Master / Slave Sound Active
- 12). Product size: 130x 130x 122 mm 13). Inner box size: 180x 175 x 200 mm
- 14). Master box size: 380 x 375 x 430 mm (8 Lights/box) 15). Net Weight: 1.9 kgs 16). Gross Weight: 2.5 kgs

8.Menu Display:

No	Display	Numerical value	Function and description
1.	<i>Addr</i>	1-512	DMX512 address setting
2.	<i>chnd</i>	6/10ch	6/10 channel selection
3.	<i>SLnd</i>	<i>nRSt</i> <i>SL 1</i> <i>SL 2</i>	Master / Slave mode
4.	<i>Shnd</i>	<i>SoUn</i>	On/Off
5.		<i>coLo</i>	Color1-24
6.		<i>dF In</i>	yes
7.		<i>FRdE</i>	Speed1-9
8.	<i>SnRL</i>	<i>UL EE</i> <i>U IrE</i>	Wireless DMX control
9.	<i>bLnd</i>		No / Yes
10.	<i>Ir</i>	<i>onrOFF</i>	IR remote control
11.	<i>LEd</i>		Monitor after 5S ON/OFF
12.	<i>dISP</i>	<i>dISPLAY</i>	Reverse display
13.	<i>bRLA</i>	<i>rEd</i>	125-255
14.		<i>Grn</i>	125-255
15.		<i>bLUE</i>	125-255
16.	<i>ndEF</i>	<i>rEd</i>	000-255,Red dimming from dark to bright
17.		<i>GrEE</i>	000-255,Green dimming from dark to bright
18.		<i>bLUE</i>	000-255,Blue dimming from dark to bright
19.		<i>WhTE</i>	000-255,White dimming from dark to bright
20.	<i>bAtt</i>		Battery Time
21.	<i>tEst</i>		Auto test
22.	<i>tEnP</i>		Temperature
23.	<i>FhrS</i>		Using time
24.	<i>PASS</i>	<i>000-999</i>	
25.	<i>vEr</i>		Version

6 Channel:

Channel	Function	Value	Description

CH1	Red	000-255	Red dimming	From dark to bright
CH2	Green	000-255	Green dimming	
CH3	Blue	000-255	Blue dimming	
CH4	White	000-255	White dimming	

10 Channel:

Channel	Function	Value	Description	
CH1	Red	000-255	Red dimming	From dark to bright
CH2	Green	000-255	Green dimming	
CH3	Blue	000-255	Blue dimming	
CH4	White	000-255	White dimming	
CH5	Dimmer	000-255	Total Dimmer	
CH6	Strobe	000-255	Strobe	
CH7	Color	003-127	Color1-32	Control by CH8
		128-191	Color Macro 1-16	Speed control by CH8
		12-255	Color Fade 1-16	
CH8	Speed	000-255		