

User's Manual



I. Preface

This Manual includes the important information of installation and operation. Please install and operate the light according to the instructions strictly. And it must be power off when open the light or before repair.

- Please read the complete contents of this manual (please keep this manual attach with the light for any preview)
- In order to make sure the correct and safety installation、operation and maintenance, well know and follow to the instructions of Manual is necessary.
- We will not take any responsibility to the light damage、property loss or body injure which caused by the incorrect installation、operation and maintenance.

Note:

The data which inside the Manual maybe changed due to the continuous improvement, and we'll not make another notice. We will keep the right to any specification update during improvement

Warning: the light should keep away from fire and water to avoid it get into light.

Packing Content

- One battery light
- One infrared controller
- One power cable
- User manual

Note: Please check if all the contents are completed after unpacking, then, check if the light is undamaged.

Safety specifications

- This device for indoor use only, the protection grade is: IP65
- Installing of the light must keep a distance with any flammable objects by 5m at least. The distance between the light and the projected objects must be no less than 1m.
- Please never directly install the light on the surface of the flammable objects.
- The installation、operation and maintenance must be managed by the qualified professional, and make sure to operate it under the instruction of the Manual.
- Make sure the work environment temperature of the light maximum 40°C, and minimum -20°C
- The temperature of the light surface will up to 60°C even under the normal cooling, so never touch it by hand.
- The light was designed by electric shock protection type, and must connect to the power supply system which well earthed. Furthermore, the ground wire of the light must connect to the ground wire of the power supply system, ground wire interface of the light must well connect with the light body (or light must be well earthed)
- Please check if the voltage is in accordance with the rated power before installing.
- Please never use the power cable which was damaged the insulation cover, meanwhile, never put the power cable on any other wire. Please pull out the power cable by handle the plug when light is stop working or cleaning, never pull out it roughly or handle the wire directly.
- The light doesn't include any spare parts for repairing , please check if all the parts are well installed and screws are drove tightly before operating. It's prohibited to use the light when the cover is opened.

Note: Please make sure it is power off before any installation, repair and clean

II. Specifications

- Power Supply: AC 100-240V/50-60Hz
- LED unites: 12pcs×6in1 (RGBWY)
- Battery charge time: 6Hours
- Battery lifetime: 3 Hours full on (with full charge)
- Battery lifetime Average lifetime is 500 charges
- Power consumption: 50W
- Beam Angel: 40°
- Power cord daisy chain: 8 fixtures Max. (120V) 15 fixtures Max. (230V)
- DMX Channels: 2 DMX modes, 5 channels mode & 9 channels mode
- Function: AUTO, Master/Slave, Wireless DMX , DMX512, Sound Active
- Working Environment: Indoor, -20°C-40°C
- IP Grade: IP65

III. Features:

- iOS and Android APP control
- Built-in battery power
- RGBWA+UV color mixing
- Strobe, Fade, color change
- DMX-512 protocol
- Infrared control function
- Building in 2.4G Wireless DMX
- Building in WiFi function
- 2 DMX modes: 6 channel mode and 10 channel mode
- Power cord daisy chaining
- user angle adjustment

IV. Battery precautions

- Do not short circuit the battery
- Do not Mechanical shock
- Prevention of short circuit within a battery pack
- Do not disassemble the batteries
- Do not expose the battery to heat or fire
- Do not expose the battery to water or liquids
- Do not use a damaged battery
- Store the battery at room temperature with a charge of at least 50%
- During long periods of storage, please recharge and discharge every 6 months
- Please dispose of battery according to local regulations

V. Wireless DMX connection

The system control the building in wireless DMX, When the product connect with the Wireless DMX service, please fix the the light and the service vie pressing the small bottom beside the wireless DMX indication, in order to ensure the effect of the wireless DMX signal, if change the master working state, please restart the slaver

VI. Battery power ,status & charging

Battery status

The LED display the status of the battery life. please do not let the battery full die, this severely shortens the life of the battery

Note: Most important: Please charge the fixture for 6-8 hours for first time use. Connect the power and turn off the two switches on the back panel, then the light is being in charging status

VII. WiFi operation

- Use your mobile unite scan the following QR code, download the control APP via the link
- Press the light unite "MANU" button, select "UIFI" mode, it shows "LXXX", this "XXX" is the WiFi address code for this light, confirm your mobile phone connect with this WiFi, now we can control the light via APP by mobile unite



NOTE: ONE MOBILE PHONE ONLY CONTORL ONE LIGHT VIE WIFI MODE, IF YOU WNAT CONTROL MORE THAN ONE LIGHT, PLEASE SET OTHERS TO DMX MODE

VIII. Details

- DMX512 console control, can be controlled via signal cable and 2.4G wireless DMX signal
- Master-slave control is available online via the signal line or 2.4G wireless
- Static color choices (5 colors, dimming 0-255) + strobe function (speed adjustable 0-20)
- Macro Color: 32 colors available
- Color automatically change function (Speed 1-16)
- Color gradually change function (Speed 1-16)
- Color Suddenly change function (Speed 1-16)
- Strobe function (speed 1-16)
- All function controlled by infrared controller
- 2.4G wireless electronic switch, can be turned on or off its power via the menu, there is to know whether open or closed wireless module through the upper left corner icon
- Balance settings, make appropriate adjustment brightness of 6 colors

IX.Operation

1	A001	A001—A512	DMX MODE
2	Chnd	6CH	6 channels mode
		8CH	8 channels mode
		10CH	10 channels mode
3	FAIL	BLND	No DMX signal, the unite will brack out
		HOLd	Keep function
4	CL01	CL01—CL32	Static color 1~32
			Strob function, speed from 1~16
5	AUTO	AUT0	Auto mode 0, speed from 1~16
		AUT1	Auto mode 1, speed from 1~16
		AUT2	Auto mode 2, speed from 1~16
		AUT3	Auto mode 3, speed from 1~16
		AUT4	Auto mode 4, speed from 1~16
6	SOU0	SOU0	Sound mode(mix all sound mode)
		SOU1	Sound mode 1
		SOU2	Sound mode 2
		SOU3	Sound mode 3
7	UIFI	LED-XXX	WiFi address code
8	NANU	R000-255	Static red from 0~255
		G000-255	Static green from 0~255
		B000-255	Static blue from 0~255
		U000-255	Static white from 0~255
		Y000-255	Static yellow from 0~255
		P000-255	Static purple from 0~255
		S000-255	Strob function, speed from 0~255
		d000-255	Bright ness adjustment
9	TEST		Test mode
10	LED	ON	Led display on
		OFF	Led Display off without any operation
11	IRCL	ON	Enable Infrared function
		OFF	Disable Infrared function
12	2.4G	ON	Enable 2.4G wireless DMX(press ENTER 3 second, we can adjust the frequency of the 2.4G)
		OFF	Disable 2.4G wireless DMX
13	POUR	ON	Enable start/ stop function, then press "MANU" button 3 seconds, the unite will on or off
		OFF	Disable START/STOP function, the unit will be on until batter runs out
14	VER	V1.0	software version

X. DMX function

◆ 6 channel mode (d001-d512)

Channel	Value	Function
1	0~255	Dimming red
2	0~255	Dimming green
3	0~255	Dimming blue
4	0~255	Dimming white
5	0~255	Dimming yellow
6	0~255	Dimming purple

◆ 8 channels mode (A001-A512)

Channel	Value	Function
1	0~255	Master dimmer
2	0~10	No function
	11~255	Strob from slow to fast
3	0~255	Dimming red
4	0~255	Dimming green
5	0~255	Dimming blue
6	0~255	Dimming white
7	0~255	Dimming yellow
8	0~255	Dimming purple

◆ 10 channels mode (A001-A512)

Channel	Value	Function
1	0~255	Master dimmer
2	0~255	Dimming red
3	0~255	Dimming green
4	0~255	Dimming blue
5	0~255	Dimming white
6	0~255	Dimming yellow
7	0~255	Dimming purple
8	0~10	No function
	11~255	Strob from slow to fast
9	0~9	No function
	10~50	Static color(control by channel 10)
	51~100	Jump mode
	101~150	Fade mode
	151~200	Puls mode
	201~240	Sound mode 1
	241~255	Sound mode 2
10	0~255	Speed for channel 9(CH9=51~255)
	0~255	Static color(CH9=10~50)

XI. Connection of power/wire/signal

The exclusive plug should be used between the connection of light and power. Please check if the rated voltage and frequency is in accordance with the power supply. In order to make sure the power cable work in the safety environment. If found the power cable is overheat, please cut off the power and reduce the parallel connection quantity of lights, The light power supply is AC100-AC240V/50-60Hz

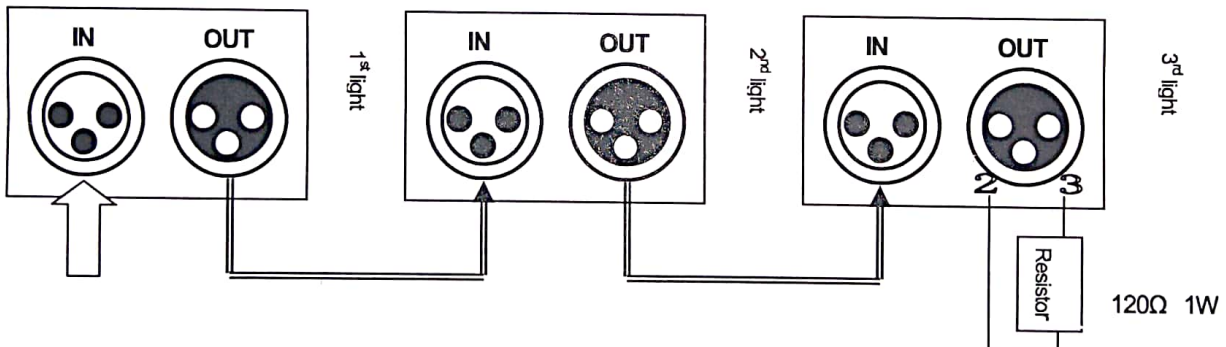
Make sure installation position is steady before fix the light. Professional clamp should be used when the light is reverse hanging, and drive the clamp into the screw hole which in the bracket of the light. Make sure the light will not fall from the truss, use the safety cable go through the truss and bracket of the light as a supporting, to avoid the light to fall down. There is no entrance to the work area during mounting. Periodically to check if the safety cable has fretted away or clamp is loosen. We will not take any responsibility which caused by the lighting fall of unsteady hanging.

Warning:

It is prohibited to move the light by handle the clamp, please move the light by handle

XII. Appendix

The light is available to receive the DMX512 signal, connect the DMX connector to the panel which marked with "DMX IN", and connect it to the next light. then, connect to the "DMX IN" of next light from the "DMX OUT". The DMX signal terminator is recommended when the lighting signal is connecting. It will avoid to interfere the signal which caused by the electrical noise, DMX terminator is a XLR connector, connect with a 120Ω resistor between the pin 2 and pin 3 of the XLR connector, and connect it to the OUTPUT socket of the final light. see picture:



XIII. Faulty Disposal

Familiar Faulty	Disposal
No function	1. Press "MANU" 5 second to awake unite and close "POWE" function
	2. Re-charge the battery to confirm whether the battery is empty
	3. Check the switch on the button to confirm the switch is on
Wireless DMX is out of control	1. Press the wireless DMX button to keep the slaver work in the same frequency with the master
	2. Check the software to confirm the wireless DMX is on

Note:

Please contact the supplier or ask for professional repair if it's still don't work when excluded the above faulty.