User's Manual

Thank you for using our products, for your safety, please read the user`s manual carefully before your operation.

Note: This manual includes the important information of installation, operation, safety instruction. Please install and operate as requested in the manual, meanwhile, please keep the manual for any unexpected requirement

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
- 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: IP22
- 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℃, and minimum -20℃
- The temperature of the light surface will up to 60℃ 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: 4pcs×6in1 / 6pcs×6in1 (RGBWY)
- Battery charge time: 6Hours
- Battery lifetime:4.5 Hours full on (with full charge)
- Battery lifetime Average lifetime is 500 charges
- Power consumption: 35W
- Beam Angel: 18°
- power cord daisy chain: 8 fixtures Max. (120V) 15 fixtures Max. (230V)
- DMX Channels: 2 DMX modes, 6 channels mode & 10 channels mode
- Function: AUTO, Master/Slave, Wireless DMX , DMX512, Sound Active
- Working Environment: Indoor, -20℃-40℃
- IP Grade: IP20
- N.W.: 2.7Kg   G.W.: 22Kg (6pcs/CTN)
- Packing size: 18×18×25Cm(1pc/CTN) 59×38×27(6pcs/CTN)

III. Features:

- Built-in battery power
- RGBWA+UV color mixing
- Strobe, Fade, color change
- DMX-512 protocol
- Building in 2.4G Wireless DMX
- 2 DMX modes: 6 channel mode and 10 channel mode
- Built-in WIFI mode of operation
- 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.   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
- WiFi phone operation control, support Android 2.3 or later, Apple iOS 4.3 or later (This feature applies to WiFi motherboard)
- Phone APP.Name: LEDHome (Language: software automatically recognizes the Chinese or English according to the system)
- Static color choices (6 colors, dimming 0-255) + strobe function (speed adjustable 0-20)
- Macro Color: 32 colors available
- Color automatically change function （Speed 1-99）
- Color gradually change function   （Speed 1-99）
- Color Suddenly change function   （Speed 1-99）
- Strobe function (speed 1-99)
- 4 kinds of sound active function (Suddenly change 、 Suddenly change+Gradually change 、 Strobe ） + Sound sensitivity(0-100),can be controlled via Menu and IR remote.
- 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
- WiFi module electronic switch can be turned on or off its power via the menu, there is to know whether open or closed WiFi module through the upper left corner icon
- Balance settings，make appropriate adjustment brightness of 6 colors
- Top right corner of the LCD display is battery icon, can be set on or off icons appear, if product without battery, can be set off.
- Screen-savers setting: can be set as normally open or turn off the display back-light after 5 seconds, 10 seconds, 15 seconds after turning off the display back-light.
- Button automatically lock: can turn on or off through the menu settings
- Infrared remote control feature set: can be turned on or off through the menu settings

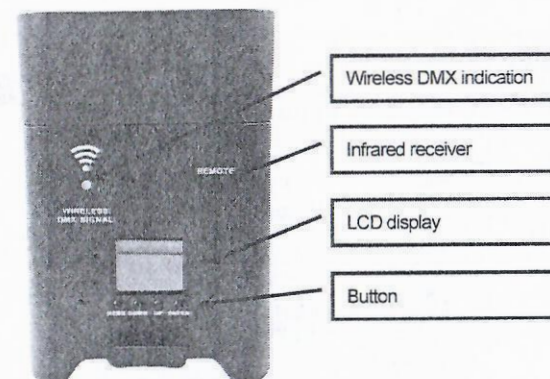## VII.   Battery power ,status & charging

Battery status

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

Battery recharge

To recharge the battery, there is a switch on the bottom side, plug the provided power cord into a power outlet. when the charge indicator led full on, it means that the battery is at full charge
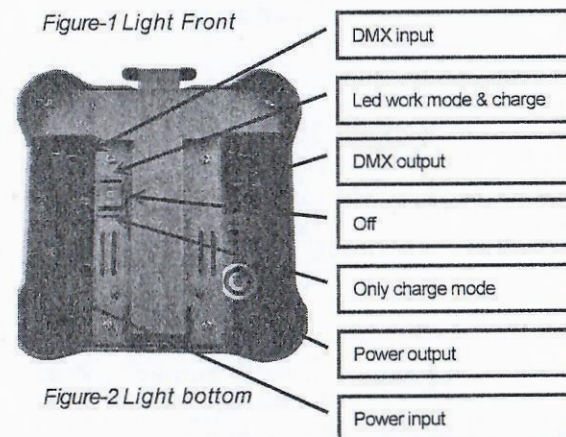
VII.   Well fit overview

| Wireless DMX indication |
| Infrared receiver |
| LCD display |
| Button |

Figure-1 Light Front

| DMX input |
| Led work mode & charge |
| DMX output |
| Off |
| Only charge mode |
| Power output |
| Power input |

Figure-2 Light bottom

VIII. WIFI mode of operation

APP for mobile system

In the "User Settings" screen, press the ENTER key, use the UP / DOWN keys to select the "WiFi" (WIFI mode).Press ENTER button, there will be WiFi icon, indicating that WiFi module is turned on, then you can set your phone to make the connection control.Open the phone setup function, and find the wireless network WLAN entry, to connect the device

For Android mobile phone, please scan this QR code for download the APP, for IOS system, please search "BothLighting" in APP store

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

IX. Operation

ITEM	DISPLAY	WORKING MODE	DETAILS	DESCRIPTION
1	DMX512		A001-A512	Press DOWN and UP to set DMX code
2	Shows	Auto Mode	Auto Color	Press ENTER then press DOWN and UP to change speed
			Auto Fade	
			Auto Sudden	
			Auto Strobe	
		Wifi Mode		show Wifi QR picture, use mobile phone scan to download software
3	Sound	Sound Mode	Sound Mode1	Press ENTER then press DOWN and UP to change sensitive
			Sound Mode2	
			Sound Mode3	
			Sound Mode4	
4	Custom Color	Custom Color	R	Press ENTER then press DOWN and UP to dim red
			G	Press ENTER then press DOWN and UP to dim green
			B	Press ENTER then press DOWN and UP to dim blue
			W	Press ENTER then press DOWN and UP to dim white
			Y	Press ENTER then press DOWN and UP to dim yellow
			U	Press ENTER then press DOWN and UP to dim purple
		Static color	Color: 1~32	32 kinds static color
5	Set	DMX channel	10CH / 6CH	Set DMX channel mode
		2.4g wireless	ON / OFF	Set wireless DMX on or off
		Infrared	ON / OFF	Set infrared on or off
		Display Back light	000-100%	Set LCD back light
		Lcd Close Time	open,5,10,15,30	If no operate, Lcd go to sleep mode
		Fan Speed		Only for factory setting
		Restore Factory		Only for factory setting
		Manual		Only for factory setting
		Temperature	ON / OFF	Set temperature on or off
		Battery	ON / OFF	Set battery on or off
		BackGroundColor	0~8	Set the LCD back ground color
6	Help	information of light		

X. DMX Channel Form

◆ 6 channel mode

Channel	Value	Function
1	0~255	Red, the maximum value determined by the total dimming
2	0~255	Green, the maximum value determined by the total dimming
3	0~255	Blue, the maximum value determined by the total dimming
4	0~255	White, the maximum value determined by the total dimming
5	0~255	Amber, the maximum value determined by the total dimming
6	0~255	UV, the maximum value determined by the total dimming

◆ 10 channels mode

Channel	Value	Function
CH1	0-255	Total dimming
CH2	0-255	Dimming Red
CH3	0-255	Dimming Green
CH4	0-255	Dimming Blue
CH5	0-255	Dimming White
CH6	0-255	Dimming Yellow
CH7	0-255	Dimming Purple
CH8	0-255	Strobe from slow to fast
CH9	0-8	No function
	9-50	Static color
	51-100	Jump mode
	101-150	Puls jump mode
	151-200	Fade mode
	201-220	Sound mode 1
	221-240	Sound mode 2
	241-255	Sound mode 3
CH10	0-255	Speed form slow to fast
	0-255	When the value of channel 9 working in 9-50, coorprate with CH9 provide 32 kinds static color

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
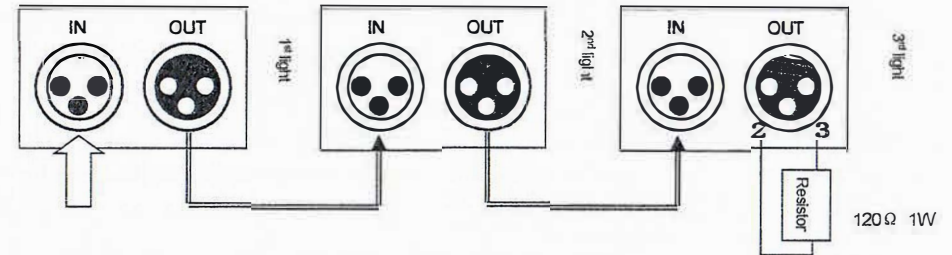
Make sure installation position is steady before fix the light. Professional clamp should be used when the light is reverse hanging, and drive the clamp into the screw hole which in the bracket of the light. Make sure the light will not fall from the truss, use the safety cable go through the truss and 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. Re-charge the battery to confirm whether the battery empty
	2. 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 mode 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.