

User Manual



6*18W 6IN1 LED Waterproof Battery Par

Please read these operating instructions carefully to familiarize yourself with the basic operating instructions of this unit. These instructions contain important information regarding the use and maintenance of the unit. Please keep this manual with the unit for future reference.

Warning: to prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture. Never look directly into light beam. Use of controls, adjustments, or procedures other than those specified herein may result in hazardous radiation exposure.

Caution:

1. There are no user service parts inside this unit. Don't attempt any repairs yourself. Please turn to qualified service personnel for repairs.
2. Be sure the local power outlet matches the required voltage of this unit.
3. Disconnect from main power before making any connection.
4. Always be sure to mount this unit in an area which will allow proper ventilation.
5. During long periods of non-use, disconnect the main power.
6. Always replace with the exact same type lamp and fuse. Disconnect the unit from the main power and allow the unit the ample time to cool before attempting to replace the lamps and fuse.
7. Use normal glass cleaner or a soft cloth to wipe down the unit casing. Always be sure to dry all the parts completely before plugging the unit back in.

Operations:

1. LCD Display



Notes:

1. In the main menu, press the MENU key to select the main menu items you can choose

from top to bottom. Press UP key and DOWN key to modify the parameters. Press the ENTER key to confirm if you want to save it (the light will run the function automatically when turned on next time after you save it); you don't need to press the ENTER key if you don't want to save it. Press MENU key to select the main menu items.

2. In Address 001 state mode, the program automatically enters the current adjustment mode after long pressing the ENTER key for 3 seconds.

Press the ENTER key again to select the color (up and down keys to adjust the value). After adjusting, press the menu key to return.

3. In the Wireless DMX mode, you can adjust the 7 frequency bands of wireless 2.4G, and the corresponding light colors of the 7 frequency bands are (01 red/02 green/03 yellow/04 blue/05 blue/06 purple/07 white)

4. When charging, the display will show the charging interface (if you need to use the light now, press the MENU button on the charging interface to enter the operation mode and run mode).

5. Over temperature protection function: the program will automatically reduce the brightness by 30% when the temperature reaches above 75 degrees, the program will automatically turn off the light when the temperature is up to 95 degrees.

6. This fixture supports wired RDM and software online upgrade function

Display			Function	
Address	001—512		DMX address	
Channel	6CH		6CH mode	
	8CH		8CH mode	
	10CH		10CH mode	
DMX Fail	Hold		Console data retention	
	Blackout		Console data black	
Frequency	600HZ		600HZ refresh rate	
	1200HZ		1200HZ refresh rate	
	2000HZ		2000HZ refresh rate	
	4000HZ		4000HZ refresh rate	
	12KHZ		12KHZ refresh rate	
	25KHZ		25KHZ refresh rate	
Custom	Red:0-255		Red dimmer	
	Green:0-255		Green dimmer	
	Blue:0-255		Blue dimmer	
	White:0-255		White dimmer	
	Yellow:0-255		Amber/Yellow dimmer	
	UV:0-255		UV dimmer	
Program	Static	Color:01-32		32 colors
		Speed:00-16		Strobe speed
	Auto	Speed:00-16		Color jump change
	Fade	Speed:00-16		Color gradual change
	Sound	Sound:01	Sens:00-99	Sound Active 1
		Sound:02	Sens:00-99	Sound Active 2
		Sound:03	Sens:00-99	Sound Active 3
		Sound:04	Sens:00-99	Sound Active 4
	WIFI	LED_XXX		WIFI mode
Wireless	DMX(ON/OFF)		Wireless 2.4G DMX Switch	

	Group ID:1-7	7 frequency band(Red/Green/Yellow/Blue/Purple/Cyan/White)
Key Power	ON/OFF	ON/OFF
Back Light	Always on	Turn on
	10s	Display off after 10s
	20s	Display off after 20s
	30s	Display off after 30s
IR	ON/OFF	IR Wireless Switch
Menu Lock	ON/OFF	Key lock switch(ENTER+DOWN key)
Factory Reset	NO/YES	Reset
Curve	Led Curve 1	Square curve dimmer
	Led Curve 2	Linear dimmer
	Led Curve 3	Logarithm curve dimmer
	Led Curve 4	S-sharped curve dimmer
Information	Version V1.0	Software version

2. Operation Modes:

(1) DMX 512 protocol

Addressing

The LCD DISPLAY on the rear side of the base allows you to assign the DMX fixture address, which is defined as the first channel from which the item will respond to the controller. If you set, for example, the address to channel 1, the item will use the channel 1 to 10 for control. Please, be sure that you don't have any overlapping channels in order to control each item correctly and independently from any other fixture on the DMX data link. If two, three or more items are addressed similarly, they will work similarly. At DMX mode you can choose the address from 1 to 512. After you connect the item to the mains, the item starts running.

DMX Controlling:

After having addressed all items, you may now start operating these via your lighting controller. After switching on, the item will automatically detect whether

DMX 512 data is received or not.

DMX Chart:

Channel	6CH	8CH	10CH
CH1	Red dimmer	Total dimmer	Total dimmer
CH2	Green dimmer	0-9: OFF; 10-255: Strobe from slow to fast	Red dimmer
CH3	Blue dimmer	Red dimmer	Green dimmer
CH4	White dimmer	Green dimmer	Blue dimmer
CH5	Amber dimmer	Blue dimmer	White dimmer
CH6	UV dimmer	White dimmer	Amber dimmer
CH7		Amber dimmer	UV dimmer
CH8		UV dimmer	0-9: OFF; 10-255: Strobe from slow to fast
CH9			0-9: OFF; 10-50: Color mixing; 51-100: Jump change; 101-150: Sudden change; 151-200: Gradual change; 201-220: Jump change Sound active; 221-240: Sudden change Sound active 241-255: Strobe Sound active
CH10			Speed

(2) Sound active

Press the MENU button, till “Sound” shows in the led display, the item will run to the beat of music. Press the ENTER key to confirm if you want the save it(the light will run the Sound active function automatically when turned on next time after you save it); you don’t need to press the ENTER key if you don’t

want to save it.

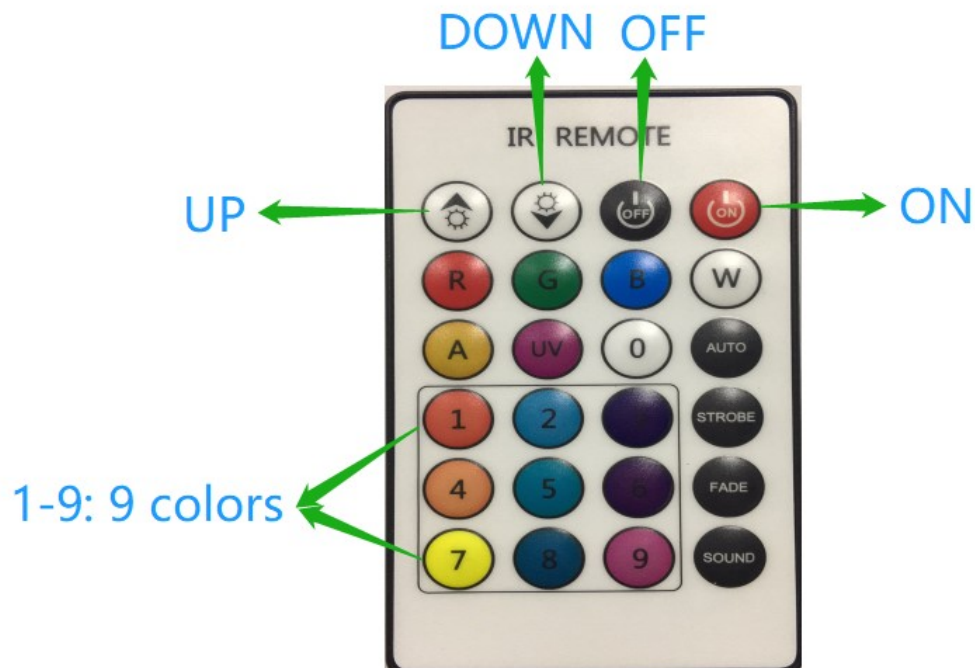
(3) Auto

Press the MENU button, till “Auto” or “Fade” shows in the led display, then the item will run as the program, then press DOWN or UP button to adjust the speed of the changing. Press the ENTER key to confirm if you want the save it(the light will run the Sound active function automatically when turned on next time after you save it); you don’t need to press the ENTER key if you don’t want to save it.

(4) Synchronization & master /slave mode

Take one item and set the item at sound active, or auto as above, then get other items and press the MENU button, till “Address 001” shows in the LCD display, then connect the other items to the item at auto/sound active already set by DMX cables OR wireless DMX(The Master will be red flash slowly when sending DMX signal,the slave will be green flash slowly when receiving DMX signal),disconnect the items from DMX controller, the items will wok simultaneously, the item at auto/sound active as master, the others as slave. Press the ENTER key to confirm if you want the save it(the light will run the Sound active function automatically when turned on next time after you save it); you don’t need to press the ENTER key if you don’t want to save it.

(5) IR Remoter



R: Red color;

G: Green color;

B: Blue color;

W: White color;

A: Amber color;

UV: UV color;

0: 32kinds of colors(press the UP/DOWN key to choose);

AUTO: Color Jump change(press the UP/DOWN key to adjust the speed);

STROBE: Strobe (press the UP/DOWN key to adjust the speed);

FADE: Color Gradual change(press the UP/DOWN key to adjust the speed);

SOUND: Sound active(press the UP/DOWN key to adjust the sound mode);

(6) Mobile WIFI

1. The cellphone need to install the LED LAMP APP software(u can scan Two-dimensional code below to download the software).



2. Change the Light Display into WIFI mode(Program\WIFI mode)
3. Open the settings icon on the cellphone, open WIFI and search for the WIFI address, click the link when WIFI address has the words beginning with LED appear. Such as "LED-XXX".
4. Back to the to the main interface on cellphone, find the WIFI APP installed on the phone and open it, and wait for the link to be successful.

TECHNICAL SPECIFICATIONS

Voltage: AC 90V-240V,50-60Hz

Total power: 90W Max.

Light Source: 6*18W RGBWA+UV 6IN1 LEDs

Beam angle: 25/40°

Color: RGBWA+UV color mixing,more than 1670 million kinds of colors

Channels: 6/8/10CHs

Control mode: Wireless DMX512,Master/slave,Auto,Wireless Master/Slave, IR

Remote,WIFI App

Dimmer: 0-100% linear dimming

Display: LCD display

Housing: IP65 die-cast aluminium housing

Size: 20*14.5*21cm; Weight : 3.5kgs

Please note: Every information is subject to change without prior notice.