



User Manual



**Battery Waterproof wireless dmx & IRC Par
6pcs x 18w 6in1**

Please read over this manual before operating the light

● Phone WIFI control

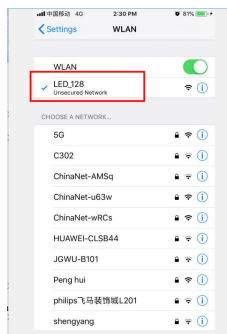
IOS and Android systems are supported.(IOS system as example)

A. How to set the Phone App control to one light

1. Please download the App(Named LED LAMP) to your phone, open it and choose “LED LIGHT”, if LED LIGHT does not appear to the inter face, please click ⊕ and add it.



2. Please go to WIFI mode on the light(Menu-Show-WIFI)
3. Open the setting icon on your phone, choose WLAN on your phone and search the WIFI address which is named LED-XXX, for example LED_789, and connect this WIFI network.



4. Open the LED LAMP App, choose LED LIGHT, it means it is ok when it shows the connection is successful.

B. How to set WIFI control to several lights

1. Turn on all the lights, and turn all lights on 2.4G wireless DMX and then set one light as master, the rest will be slaves automatically, no need additional settings, keep the lights on A001 mode.
2. Set the master one to be WIFI control mode, please infer to “ How to set the Phone App control to one light”
3. The wireless indicator on Master will flash in Red color, it means it’s transmitting the 2.4G wireless DMX signal, the rest lights will be in slaves mode automatically and the indicators will flash in green color, meaning it’s receiving the signal.
4. All settings are completed, the lights can be controlled by phone via the APP now.

NOTE: The WIFI control might be in interferences by other devices sometimes, please ensure there is no other signal interferences then.

Most important: FIRST CHARGE THE FIXTURES FOR 6-8 Hours on the First Charge before use. Plug in Power cord. Turn off Power Switch and Turn off other switch to charge.

Introduction

Unpacking: Thank you for purchasing this product, all products has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your fixture for any damage and be sure all accessories necessary to operate the unit has arrived intact. In the case damage has been found or parts are missing, please contact the manufacturer or your dealer for further instructions. Do not return this unit to your dealer without first contacting.

Introduction: The Light is a DMX intelligent and battery powered LED par light. This par light is light weight and compact which makes it a great piece for mobile DJ"s and clubs.

Warning! To prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.

Caution! There are no user serviceable parts inside this unit. Do not attempt any repairs yourself; doing so will void your manufactures warranty. In the unlikely event your unit may require service please contact the manufacturer or your dealer.

PLEASE recycle the shipping carton whenever possible.

General Instructions

To optimize the performance of this product, please read these operating instructions carefully to familiarize you with the basic operations of this unit. These instructions contain important safety information regarding the use and maintenance of this unit. Please keep this manual with the unit, for future reference.

Notice :please pay attention to ventilation, to prevent the battery overheat cause burning When charging.



Notes

Please carefully read the instructions, it contains assembly, operation, maintenance and other important information.

- Circuit board may not overlap pile, please put gently, not abandonment, to prevent deformation of the circuit board, component damage, pads off and other adverse conditions.
- Power input range between 12-36V, different light board power input will vary, please counsel before use, avoid the use of improper power supply or motherboard situation
- burned lamp beads, resulting in unnecessary economic losses. Do not reverse the anode and cathode power supply.
- It should take PCB board when assemble and install, do not covet convenience of lifting and operating for a part, to avoid pad off or damage as stress .
- All terminals should be connected correctly and according to process requirements. Pay attention to distinguish the direction and polarity
- Try not to plug any electrical or cable to operate, to avoid short circuit or component damage.
- Try to make anti-static treatment.
- Operating errors or other man-made defects or burned are not within the scope of return, need to charge repair costs of corresponding elements.

Product Features

- Power supply: AC100V-250V
- Frequency: 50-60Hz
- Power consumption: 165 W
- Light source: 6pcs 18W high brightness 6 in 1 leds
- Lamp life: 6-10 ten thousand hrs
- LED angle: 30(±5) degree
- Color: 16.7 million kinds of color change
- Control channels: 6/8/10 chs
- Battery power & wireless DMX
- Wireless DMX-512 protocol
- Built in 2.4G receiver/ transmitter for wireless DMX operations
- Waterproof grade: IP65
- Control mode: DMX512 & IRC, master/slave, auto, sound active/Wifi phone app control
- Automatic model(by function button) : color change, color strobe, color dimmer, color gradual change/color jump change
- Operation menu: 4 OLED display
- Packing size: 210*210*240mm
N.W: 4.0kg
G.W:4.5kg

Remarks: A. In the A001 state mode, long press the ENTER key for 3 seconds, the program will automatically enter the current adjustment mode. 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.

B. The frequency band indicator flashes slowly in red when the host sends, and the frequency indicator flashes slowly in green when the slave receives.

C. The operation steps of mobile phone WIFI control are as follows:

Step 1: Install the APP (**LED LAMP**) of this software on the mobile phone

Step 2. Switch the lamp display function to WIFI mode (under the menu Program\WIFI mode)

Step 3. Turn on the settings icon on the phone, turn on WIFI and search for the WIFI address, the words starting with LED will appear. Such as "LED-XXX", click the link

Step 4. The phone returns to the main interface, find the APP installed on the phone and open it, and wait for the link to succeed.

D. In the menu Wireless mode, you can adjust the 7 frequency bands of wireless 2.4G, and the corresponding light colors of the 7 frequency bands are such as (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 MENU button under the charging interface to enter the operating mode and running mode)

F. Over-temperature protection function: (When the temperature reaches 75 degrees or more, the program will automatically reduce the brightness by 30%, and when the temperature reaches 95 degrees or more, the program will automatically turn off the light)

G. This lamp supports wired RDM and software online upgrade function.

Menu Display:

display mode		Explains	
Address	001—512	Address code setting	
Channel	6CH	6 chs mode	
	8CH	8 chs mode	
	10CH	10 chs mode	
DMX Fail	Hold	Console data retention	
	Blackout	Black field of console data	
Frequency	600HZ	600 refresh rate	
	1200HZ	1200 refresh rate	
	2000HZ	2000 refresh rate	
	4000HZ	4000 refresh rate	
	12KHZ	12K refresh rate	
	25KHZ	25K refresh rate	
Custom	Red:0-255	Red manual dimming	
	Green:0-255	Green manual dimming	
	Blue:0-255	Blue manual dimming	
	White:0-255	White manual dimming	
	Yellow:0-255	Amber manual dimming	
	UV:0-255	Purple manual dimming	
Program	Static	Colour:01-32	32 static color mixing
		Speed:00-16	Strobe speed (when the speed is 00, it is static color mixing)
	Auto	Speed:00-16	Color jump

	Fade	Speed:00-16		Color gradient
	Sound	Sound:01	Sens:00 -99	Sound control
		Sound:02	Sens:00 -99	Sound mutation
		Sound:03	Sens:00 -99	Sound control color changing strobe
		Sound:04	Sens:00 -99	Sound control color change + mutation + color change strobe
WIFI	LED_XXX		WIFI mode and link address	
Wireless	DMX (ON/OFF)		Wireless 2.4G on/off	
	Group ID:1-7		7 frequency bands (red/green/yellow/blue/purple/cyan/white)	
Key Power	ON/OFF	One key on/off (the MENU key is this function)		
Back Light	Always on	Display normally open		
	10s	Displays the screen off for 10 seconds in standby		
	20s	Displays the screen off for 20 seconds in standby		
	30s	Displays the screen off for 30 seconds in standby		
IR	ON/OFF	IR remote on / off		
Menu Lock	ON/OFF	Key lock on/off (ENTER+DOWN key is this function)		
Factory Reset	NO/YES	System self-test reset		
Curve	Led Curve 1	Linear curve		
	Led Curve 2	Square curve		
	Led Curve 3	Logarithmic curve		
	Led Curve 4	S- curve		
Information	Version V1.0	Version		

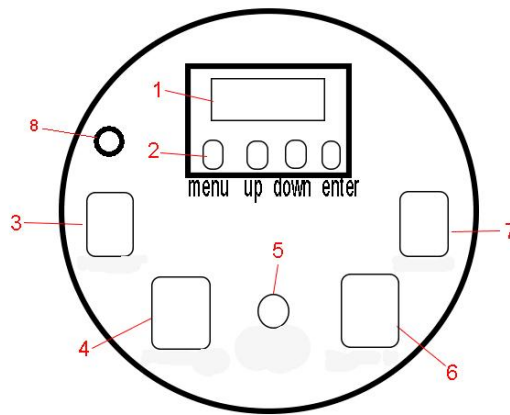
DMX Channel functions

Channel	6CHS	8 CHS	10 CHS
CH1	1-255 Red dimming	1-255 Total dimming	1-255 Total dimming
CH2	1-255 Green dimming	0-9 off, 10-255 strobe(Slow to fast)	1-255 Red dimming
CH3	1-255 Blue dimming	1-255 Red dimming	1-255 Green dimming
CH4	1-255 White dimming	1-255 Green dimming	1-255 Blue dimming
CH5	1-255 Amber dimming	1-255 Blue dimming	1-255 White dimming
CH6	1-255 Purple dimming	1-255 White dimming	1-255 Amber dimming

CH 7		1-255 Amber dimming	1-255 Purple dimming
CH 8		1-255 Purple dimming	0-9 off, 10-255 strobe (Slow to fast)
CH 9			0-9 off 10-50 static color mixing, with 10Ch color mixing 51-100 jump mode with 10Ch speed 101-150 mutation mode with 10Ch speed 151-200 gradient mode with 10Ch speed 201-220 jump sound control 1 221-240 mutation sound control 2 241-255 color changing stroboscopic sound control 3
CH 10			1-255 Speed

For Battery Function and Charge

The unit has the function of battery powered. The button for battery and charge is set on the rear panel. It is showed as the following picture, and the function is described as below.



1.OLED display 2. 4 touch buttons of menu /OFF 3.DMX out 4. power IN 5.Power ON
6.Power OUT 7.DMX in 8.Antenna

Tip for the battery and charge:

- The battery can last for 3-3.5 hours when all LEDs on after full charge , and can last for more than 6-8 hours on auto running mode. Up to 20 Hours with one color diode on. Results will vary based on brightness of LEDs
- It is suggested to charge the battery for at least 4 hours, which will extend the life span of the battery.