Wireless WIFI LCD 5in1 Battery Par

USER MANUAL

Please read this manual carefully before use

This product is a WIFI and wireless control LED waterproof touch battery light that can be operated through a smart phone APP. It is powered by a lithium-ion battery internally, with an intuitive graphic LCD display and a humanized touch operation interface, One key to start the switch function. With battery power query and charge and discharge percentage display, built-in wireless communication connection, wireless frequency band can be selected through the menu. Suitable for various outdoor activities.

Contents

1. Safety Instructions

Please read the manual carefully, it contains important information on assembly, operation, maintenance, etc.

Warning

To guarantee proper and consistent operation, it is important to follow the guidelines in this manual. Our company will not accept responsibility for damages resulting from the misuse of this fixture due to the disregard of the information printed in this manual.

- Please check the voltage, frequency data of power supply system is suitable for the mentioned light. Please do avoid the different voltage between them and burn the light.
- All terminals should be connected according to the process requirements and in the correct way, pay attention to distinguish the direction and polarity.
- Try not to operate with power on or plug in and out the connecting wires to avoid short circuit or component damage.
- Try to do anti-static treatment.
- The customer's operation error or other man-made burning defects are not within the scope of return and exchange, and the corresponding component cost will be charged for maintenance.

2. Production Function

- Input voltage (battery charging current 4A): 100~240 VA, 50/60Hz
- Light source: RGBWA 5in1 lamps
- Intelligent charge management system design, good quality lithium-ion battery power supply (500 times charge and discharge), with charge and discharge automatic switching function
- The maximum output power of LED brightness can reach more than 50W
- Dimmer: 0-100%
- Strobe: 0-20Hz
- Optics: 15
- Battery storage: 12Ah
- Battery run time: 3 hrs at full RGBA on
- Battery charging cycle: 4 hrs
- Control Protocol: DMX512 via wireless/ DMX512
- IP Rate: IP20
- Display: LCD display
- The master and slave machines can be controlled online through signal lines or 2.4G wireless

- Mobile phone WiFi operation control, support Android 2.3 and above, Apple iOS 4.3 and above (this function is suitable for WiFi motherboards)
- Mobile APP Name: LEDWiFi
- Language: The software automatically recognizes Chinese or English according to the system
- Static color selection (6 colors, dimming value 0-255) + strobe function (speed adjustable 0-20)
- Macro color: 16 colors to choose from
- Automatic color jump function (speed adjustable 1-20)
- Color gradient function (speed adjustable 1-20)
- Color mutation function (speed adjustable 1-20)
- Strobe with red background, strobe with green background, strobe with blue background, strobe with yellow background (speed adjustable 0-20)
- White balance setting, properly adjust the brightness of the 6 colors to make the color mixing effect pure (also has the function of fine-tuning the current), the value is (127-255)
- The battery icon in the upper right corner of the interface can be turned on or off by setting the appearance of the icon. For products without batteries, it can be set to off
- Screen saver setting: It can be set to always open or automatically turn off the display backlight after 5 seconds, 10 seconds, and 15 seconds
- Infrared remote control function setting: it can be turned on or off through the menu setting
- LED output power can be selected (high 50W, medium 40W, low 30W)

3. Menu Function

Menu	Item1	Item2	Item3
"Choose Pattern"	"Static Color"	(Color)	(Dimming)
		Red	0-255
		Green	0-255
		Blue	0-255
		White	0-255
		Amber	0-255
		Strobe	0-20
	"Macro Color"	1-16	
	"Show Mode"		(Speed)
		"AUTO"	0-20
		"FADE"	0-20
		"SNAP"	0-20
		"R-STRO"	0-20

		"G-STRO"	0-20
		"B-STRO"	0-20
"User Settings"	1." Channel"	06/10	
	2." DMX Address"	(Addressed)	
		001-512	
	3." Follow"	(Mode)	
		1.W-DMX RCVD	
		2.Cable RCVD	
		3.Syn Tramsmits	
	4."W-DMX CHAN"	1CH-7CH	
	5." WiFi Mode"	WiFi Mode	
"System Settings"	1."white Balance"	(Color)	(Brightness)
		Red	127-255
		Green	127-255
		Blue	127-255
		White	127-255
		Amber	127-255
		UV	127-255
	2."Show Battery Icon "	YES/NO	
	3."Display Sleep"	Open/5Sec/10Sec/15Sec	
	4."IRC Setting"	YES/NO	
	5."Power Setting"	High/Medium/Low	
	6."EmergencyLamp"	YES/NO	
	7."DMX Hold"	YES/NO	
	8"AutoLock"	YES/NO	
	9."System Resetting"	YES/NO	
"Informations"	"Model:UC-130M"		
	"Software Version"	V.1.00	
	"Hardware Version"	LCD 6in1	
	"Logo"		

3.1 Control Panel

1. **0.56inch LCD display**：Display menu functions and parameters;
2. **Key definition:**

MENU	Select Function
▲ UP	parameter recursion
▼ DOWN	parameter decrement
ENTER	confirm and save

3.2 Operating instructions

Switch operation:

In the off state, after pressing the **MENU** for 3 seconds, the digital tube lights up and it is in the power-on state, and the required functional operations can be performed. If the lamp is not connected to the mains, you can press the **MENU** to check the battery power.

In the power-on state, after pressing the **MENU** for 3 seconds, the digital tube will display "OFF" font, and then turn off to be in the power-off state, which will cut off the battery power supply.

To select a preset function, press **MENU** to enter the main menu, the display will show the corresponding menu function, when pressing **MENU** again, select the next menu function. If you press **MENU** repeatedly, you will continue to select each menu function. In the main menu mode or use **UP/DOWN**, you can also select each main menu. After the selection is completed, press **ENTER** to confirm or enter the next menu function. When setting system parameters, pressing **ENTER** will automatically return to the previous menu function status. The system parameters will be saved automatically without pressing the confirm key.

“Choose Pattern” Choose Mode

Select “Choose Pattern” (Choose mode), press **ENTER** to confirm, and the display will show the corresponding function menu. Such as static color, macro function color mixing, performance mode. Use **UP/DOWN** to select between functions, if you press **ENTER**, the display will enter the next menu item, if you press **MENU** to exit to the previous menu mode. After selection, the parameters will be saved automatically.

“User Settings” User Settings

Select “User Settings” (User console mode setting)， Press **ENTER** to confirm, the display will enter the channel option, use **UP/DOWN** to select **"6Ch"** (channel mode), **"10Ch"** (10CH channel mode), when press **ENTER** again, the menu will automatically jump to "DMX512" address setting mode, Use **UP/DOWN** to adjust the required address code between 1 and 512. After selection, the parameters will be saved automatically. If you press **ENTER** again, it will return to the main interface. When the DMX512 signal is received, the interface will display a **"Connection"** prompt. If the DMX512 signal is

disconnected, the interface will display a **"Disconnect"** prompt. If you press **ENTER** or **MENU**, the display will exit to the previous menu mode.

“Slave” Slave Mode

In the address code mode, no matter what value the address code is set to, it will display "Slave Mode!" as long as it receives the signal transmitted by the master. Indicates that it has entered the receiving mode of the auxiliary machine. After selection, the parameters will be saved automatically. If the signal of the main machine is disconnected, a **"Disconnect"** prompt will appear on the interface. If you press **ENTER** or **MENU**, the display will exit to the previous menu mode.

“System Settings” System Settings Mode

Select "System Settings" (system setting mode), press ENTER to enter the next menu, use **UP/DOWN** to select different settings between each setting function, press **ENTER** or **MENU**, the display will exit to the previous menu mode

4. DMX Controller Description

Under the "User Settings" interface, press the **ENTER** button to confirm. "Channel" (channel mode) is displayed on the screen, use the **UP/DOWN** button to select "6CH" (6-channel mode) or "10CH" (10CH channel mode) according to needs, press the **ENTER** button to automatically jump to "DMX512" (DMX512 address code setting), use the **UP/DOWN** button to adjust the address code to be set between 1 and 512, and then you can receive the DMX512 console control signal. If you want to use this function, please refer to the following diagram to set the DMX512 address of the first 4 lamps:
6CH mode: 1: A001, 2: A007, 3: A013, 4: A019
10CH mode: 1: A001, 2: A011, 3: A021, 4: A031

4.1 Follow function setting

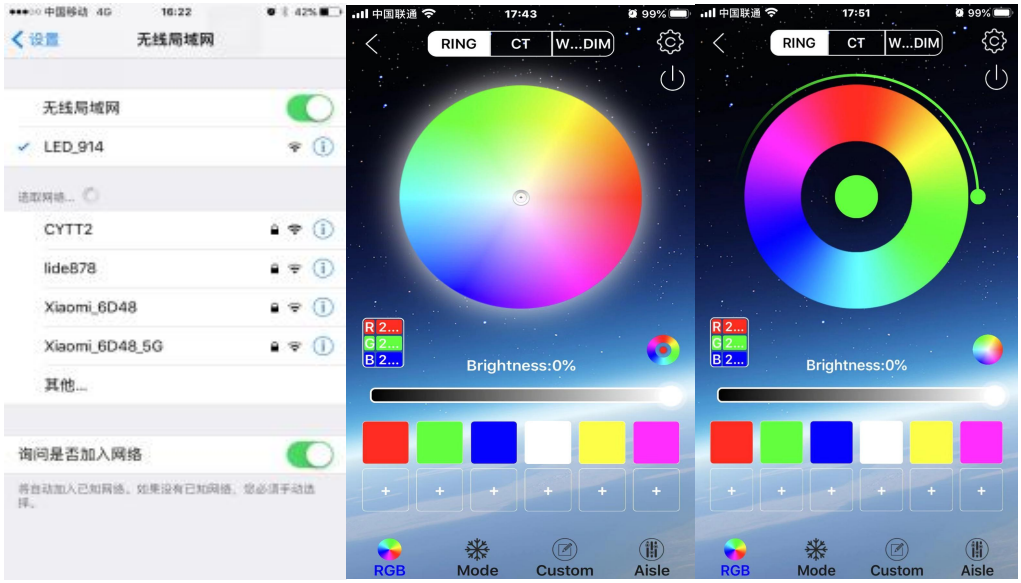
Follow-> 1.W-DMX RCVD 2.Cable RCVD 3.Syn Transmits

Select "Follow" (follow setting), press **ENTER** to select "1.W-DMX RCVD", which means it has entered the wireless receiving mode, select the menu in the address code mode. When the machine receives the signal from the wireless console, it will respond accordingly; if it receives the signal from the master, it will display the words "Slave Mode!" and perform actions following the master. Use **UP/DOWN** to repeatedly select "1.W-DMX RCVD", "2.Cable RCVD" and "3.Syn Transmits". When "2.Cable RCVD" is selected, it is a wired connection to the DMX512 console signal. At this point the wireless module will be automatically closed. If you select "3.Syn Transmits", it means that the wireless module is in the transmitting state. At this time, if the machine is in the performance mode, it will act as the master and

transmit the corresponding signal output through the wireless module, so that the lamps set in the wireless receiving mode will follow the action of the master. If the machine is connected to the DMX512 console signal at this time, and the menu is selected in the address code mode, it can be used as a console transmitter, and the corresponding lighting products can receive the mode through wireless communication. The performed performance will be permanently synchronized with all connected lamps, without any delay time difference. You can add lamps at any time and get synchronized without the condition that all lamps are powered on at the same time.

5. WIFI Mode of Operation

In the "User Settings" interface, press the **ENTER**, use the **UP/DOWN** to select "WiFi" (WIFI mode), press the **ENTER**, a WiFi icon will appear, indicating that the WiFi module has been turned on, and you can set it through your mobile phone for connection control. Open the mobile phone setting function, find the wireless and network WLAN item, connect the device with the name of LED_xxx, as shown in the figure:



When the connection is successful, exit the function settings of the mobile phone, open the LED LAMP application software, and the color ring control interface will appear, and the corresponding mode operation can be performed at this time.

6. DMX512 Channel Chart

5CH Mode:

Channel	Value	Description
1	0~255	Red dimming
2	0~255	Green dimming
3	0~255	Blue dimming
4	0~255	White dimming

5	0~255	Amber dimming

9CH Mode

Channel	Value	Description
1	0~255	Dimming, the 9th channel (0~9)
2	0~9	Strobe off
	10~255	Strobe: 10 is the slowest, 255 is the fastest
3	0~255	Red, maximum value determined by total dimming
4	0~255	Green, maximum value determined by total dimming
5	0~255	Blue, maximum value determined by total dimming
6	0~255	White, maximum value determined by total dimming
7	0~255	Amber, maximum value determined by total dimming
8	0~9	Dimming
	10~29	Color selection: the 10th channel selects the color
	30~49	Jump: the 10th channel controls the speed
	50~69	Gradient: the 10th channel controls the speed
	70~89	Mutation: the 10th channel controls the speed
	90~109	Steady red + strobe: the 10th channel controls the speed
	110~129	Steady green + strobe: the 10th channel controls the speed
	130~149	Steady blue + strobe: the 10th channel controls the speed
	150~169	Steady amber + strobe: the 10th channel controls the speed
	170~189	Steady uv + strobe: the 10th channel controls the speed
	190~209	Sound jump
	210~229	Sound jump+gradient
	230~255	Sound-activated strobe
9	0~255	The function of this channel depends on the value of the 9th channel:When the 9th channel is between 10~29, this channel is used to select the color When the ninth channel is between 30-189, the control speed of this channel: 0 is the slowest, 255 is the fastest

7. General Troubleshooting

Phenomenon	Solution
Fixture can not start to work	1. Check if the power fuse burnout
Fixture light normally, but no responding to the DMX controller	1. Check if the DMX start address is correct 2. Check if the XLR signal cable was damaged
Fixture work intermittently	Check if the fan work well, Whether dust blocked fan and fan nets
Dark light, brightness decreases obviously	1. Check whether the internal and external optical system clean