



# USER'S MANUAL



Model: BC-WR912

18x6in1 Led Waterproof Battery Par Light

## **Package Includes:**

- 1 x led waterproof battery par light
- 1 x handle
- 1 x knot
- 1 x power cable
- 1 x DMX cable

**Please read this manual before use**

## ● Caution

Do not attempt any repairs yourself. Doing so will void your manufacturer's warranty. In the unlikely event your unit may require service please contact us

## ● Warning

To prevent or reduce the risk of the electrical shock or fire, do not expose this unit to any moisture. Please read this manual carefully to familiarize yourself with basic operations of this unit

## ● Safety Precautions

1. Do not expose this unit to , wet moisture, explosive
2. Before plugging the power be sure local power outlets matches with the required voltage of the unit
3. Do not remove the cover under the circumstance in case you are not qualified to do so
4. Never connect the power when cover is removed
5. Never use this unit if it becomes damaged
6. Never connect this unit to any dimmer and / or power pack
7. If the unit will not be used for the long time , disconnect it from the power supply
8. Always mount this unit safe and stable and make sure the area will have proper ventilation. Take care this unit will not be mounted in an area close to heat sources such as lighting fixtures, amplifiers heat registers, stoves and radiators
9. Always contact us in case you have any doubts

## ● Product Description

1. Power supply: AC110V-250V
2. Frequency: 50-60Hz
3. Light source: 12pcs 18W high brightness 6 in 1 leds
4. Lamp life: 6-10 ten thousand hrs
5. LED angle: 15/25/40 degree
6. Color: 16.7 million kinds of color change
7. Control channels: 6/10 CH
8. Waterproof: IP65
9. Control mode: DMX512, master/slave, auto, sound active, infrared control, phone App.
10. Automatic model (by function button) : color change, color strobe, color dimmer, color gradual change/color jump change
11. Operation menu: 4 digit digital LED display
12. size: 270\*270\*330mm
13. N.W: 5.5kg

## ● General Instruction

Crux is a battery powered and wireless Dmx intelligent RGBAW UV color light. User can control the light by using wireless Dmx transmitter or run at master and salve mode. Fixture it has 12 static color, user can set lights at static color mode without using the Dmx controller.

# ● Set Up

Crux in had used switching voltage power supply, User can use directly plug in any voltage from 90V-240V when charging or operating at charging mode. Battery it can be fully charged after 3-4 hours of charging, user can also operate the light while charging the battery. When User ready to operate the light or use in event or any places first user need to turn on the power switch. After on the Power switch user can start to set up light at wireless Dmx mode, wire Dmx mode, master and salve. Sound active mode, static color mode, auto mode, strobe, fade or test mode. There is 2 thing must be remember by user

## **1. Operate light at Dmx Mode**

Always set the fixture from menu at “S11 or S12” mode, process; Press menu then press up/down key until appear “Slnd” press enter at “Slnd” choose S11 or S12 and press Enter, after some second light will be stay at “stby” means at standby mode to catch dmx signal, no matter its cable or wireless Dmx.

Note: when operate light at wireless Mode, make sure that signal switch is on, fixture its not too far from the wireless DMX

Transmitter, after on the signal switch wireless indicator bulb should show red color, once fixture start to receive the signal this indicator bulb it will show blipping green color led, some time if wireless signal indicator bulb show other color then continually press black button below the led indicator bulb until it shows red color. Some manufactures wireless transmitter it has different led bulb color signal, make sure with supplier which is color

indicate the transmitting signal and set same color at fixture's wireless signal indicator by pressing the black button(id code selector) of fixture, once both color are same wireless signal led it will start to blip green color, remember green color means its receiving signal from master unit or dmx controller.

## **2. Operate light without using Dmx controller or built in color or effects or strobe or fade or static color, sound active or master and slave**

Always set the fixture from Menu at "Nast" mode, then user can go inside the "Shnd" and choose any built in effects such as sound active, static color, strobe, fade, Process;

Press menu then press up/down key until appear "Slnd" press enter at "Slnd" choose "nast" and press Enter then Press Up button choose "Shnd" then press enter, now user can choose any type of effect mode, soun for sound active mode, colo for static color mode, StCo for strobe and Fade for built in effect types.

### **● Examples:**

#### **1. Set light at sound active and stay at sound active mode**

Press Menu then press up/down button until appear slnd, press enter at slnd, find nast by pressing up/down button then press enter, Press up button Shnd will appear at display then press enter now you can see soun at display then press enter, after some second of pressing enter light it will start to work at sound active mode.

If you wish connect other light also at same mode without setting or slave mode, then Press Menu, find slnd and press enter then choose sl1 or sl2 then press enter. Follow same process at all light you want to work at same mode, after some seconds light it will start to work same function as first light

You can connect the lights by Dmx cable or also can connect wirelessly.

When connect wireless make sure signal switch it's on. This is function of master and slave .(App #. 1)

2. Set and stay at static color: Press Menu- Up/down button Slnd-enter- press up button- Shnd- Press enter- up button- colo- press enter- choose any color number from 1-12 and press enter after some seconds your choose color it will start. For link fixtures follow App #. 1.

3. Make own custom color and display: Press menu, slnd- Press enter choose Nast- enter, press up button, find nanu put the value 1-255 on RGBAW each color and press up/down button find- shnd press enter- choose colo press enter and choose Co11 and press enter, after some second light it will start to project custom made color as per value of color you put.

## ● APP Guideline



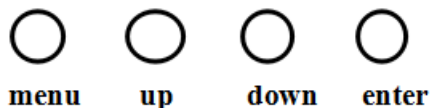
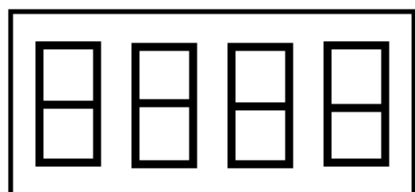
# ● DMX CHANNEL

THIS APP Battery has 6,8, 10 DMX channel mode.

User can choose mode by menu, chnd and choose 6/8/10 DMX channel mode

channel	6ch	8CH	10CH
CH1	0-255 RED DIMMER	0-255 GENERAL DIMMER	0-255 GENERAL DIMMER
CH2	0-255GREEN DIMMER	0-9 close , 10-255strobe (slow to fast)	0-255 RED DIMMER
CH3	0-255Blue dimmer	0-255 RED DIMMER	0-255GREEN DIMMER
CH4	0-255White dimmer	0-255GREEN DIMMER	0-255Blue dimmer
CH5	0-255Amber dimmer	0-255Blue dimmer	0-255White dimmer
CH6	0-255UV dimmer	0-255White dimmer	0-255Amber dimmer
CH7		0-255Amber dimmer	0-255UV dimmer
CH8		0-255UV dimmer	0-9 close, 10-255strobe (slow to fast)
CH9			0-9close 10-50select color, 10CH select 32kinds static color 51-100colro change , 10CHadjust speed 101-150color fade , 10CHadjust speed 151-200color jump , 10CHadjust speed 201-220color change sound control 221-240jump change sound 241-255strobe sound control
CH10			0-255 speed

# ● MENU MAP



Display mode		Function declaration
<b>A001</b>	A001—A512)	address code
<b>Chnd</b>	6CH	6 channel pattern
	8CH	8 channel pattern
	10CH	10 channel pattern
<b>FAIL</b>	BLND	Data not maintained (Black field)
	HOLD	data-hold
<b>CL01</b>	CL01—CL32	32 Species Static color mixed mode, upper and lower key color selection Verify the rear-strobe mode St00-St16, Up and down key adjustment
<b>AUTO</b>	<b>AUTO</b>	All effect patterns, After the confirmation, the speed mode SP01-SP16, Up and down key adjustment
	<b>AUT1</b>	Color changing self-walking mode, After the confirmation, the speed mode SP01-SP16, Up and down key adjustment
	<b>AUT2</b>	Gradually change the self-walking mode, After the confirmation, the speed mode SP01-SP16, Up and down key adjustment
	<b>AUT3</b>	Suddenly change the self-walk mode, After the confirmation, the speed mode SP01-SP16, Up and down key adjustment
	<b>AUT4</b>	Color-changing strobe spontaneous travel mode, After the confirmation, the speed mode SP01-SP16, Up and down key adjustment
<b>SOU0</b>	<b>SOU0</b>	All voice control modes
	<b>SOU1</b>	Color changing voice control mode
	<b>SOU2</b>	Mutant sound control mode
	<b>SOU3</b>	Color-changing strobe sound control mode
<b>WIFI</b>	<b>LED-XXX</b>	WIFI address
<b>NANU</b>	R000-255	Red manual adjustment
	G000-255	Green manual adjustment
	B000-255	Blue manual adjustment
	U000-255	White manual adjustment



	Y000-255	Yellow/Amber manual adjustment	
	P000-255	Purple manual adjustment	
	S000-255	Flash manual adjustment	
	d000-255	Luminance manual adjustment	
<b>TEST</b>		Color self-inspection	
<b>LED</b>	ON	Turn on the display	
	OFF	Turn off the display	
<b>IRCL</b>	ON	Turn on the infrared remote control	
	OFF	Turn off the infrared remote control	
<b>2.4G</b>	ON	Turn on wireless 2.4G (often press the confirmation key for 3 seconds to enter FM: 1-7)	
	OFF	Turn off Wireless 2.4G	
<b>POUR</b>	ON	One-key switch machine, turn on	The menu button often presses for 3 seconds to power on or off
	OFF	One-key switch machine, turn off	
<b>VER</b>	V1.0	Software version number	

## ● Remarks:

A. One-button power on / off function. After selecting the display function to "POWR" for confirmation, select the upper and lower keys to the "ON" state. Press the menu button to turn on the device and press the menu button to turn off the device.

B. Hide the current regulation. In the A001 menu mode, press and hold the OK key for 5 seconds to automatically enter the current regulation function. Use the up and down keys to change the value. Press the OK key once to change the adjustment color (save the machine). Press the OK key frequently to change the on-line adjustment current (save the machine). The host will blink once when the host is saving. Just go back.

C. When using mobile APP control software;

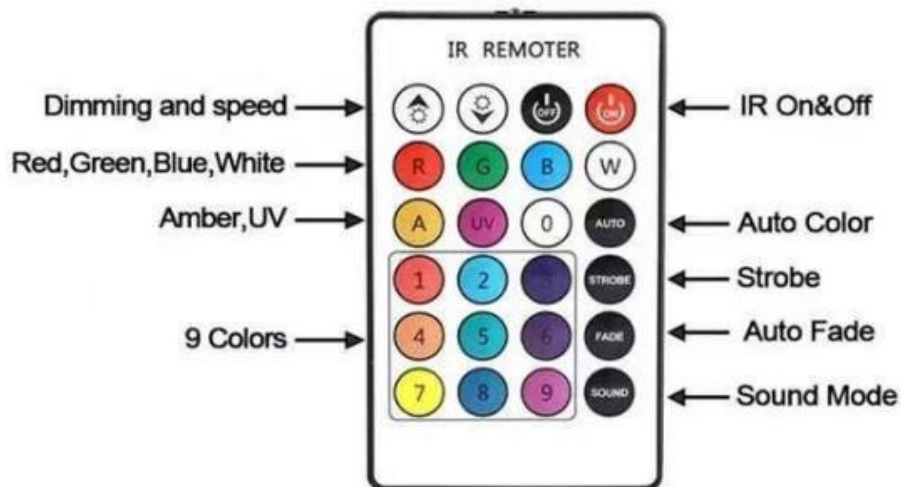
Step 1: Scan the QR code to download and install the software.

Step 2: Adjust the display function of the lamp to WIFI mode, press the button and wait, the display on the display will show "LXXX".

Step 3: Open the main interface of the mobile phone, find the "Settings" icon and enter. Open the mobile WIFI and click to search for the WIFI name. After the search, find the relevant "LXXX" and connect.

Step 4: Find the control APP software on the main interface of the mobile phone again and open the connection successfully.

This version supports two communication protocols, DMX512 and RDM (remote address code can be set)



## ● Maintenance

1. Please keep the light in dryness and avoiding use in wet place.
2. Using intermittently can be extended the life.
3. Please do not wipe the crust using organic menstruum avoiding to damage the product.

## ● Statement

The product has well capability and intact packing when leave factory. All of the user should comply with above warning item and manual,any misuse cause of the damages are not included in our guarantee,and also can't be responsible for any malfunction & problem owing to ignore the manual.

Please forgive that we will not be notice for technical change.

### **ShenZhen BECEN Stage Equipment Co., Ltd**

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