IP65 LED BATTERY PAR LIGHT

6PCS*12W RGBWA+UV (6-in-1)

User Manual

Please read this manual carefully before using this product!
Keep it for furture needs!

First thanks you for using our company's products, This light is designed by high strength die-casting aluminum which is able to endure high temperature, designed in a stylish form. It uses high power led R, G, B, W and characters of long life, low consumption, high brightness and excellent color. It uses power switch, performs low weight and low consumption, stable capability and long life. The built-in program includes dimmer, strobe, gradually change, fading, sound activation and so on. International standard DMX 512 signal is requested.

1.Safety information

Safety warning information

After receiving the device, please unpacking check whether any visible damage was caused during transport.If the power cord.housing or the light are damaged, do not operate the device;contact your specialized dealer or manufacturer immediately.

1),Please read the user manual before energizing or installation.
2),Follow operating safety precautions and pay attention to warning signs methods and Equipment on the user manual.

Prevent fall to injury
1),When hanging lamps, must verify the lamp hook and facilities at least able to withstand the weight of the lamp 10 times.
2),Before installation must be verify the install hardware strong enough no other damage, and the use of safe insurance rope as auxiliary safe way, fixed on the other facilities.
3),Installing or removing equipment, must be lower the boom to a safe place.

Prevent combustion or fire
1),Please do not install the device directly on the surface of ordinary combustible material.
2),Don't short sub temperature control protection switch or fuse, must use the regulation models of fuse.
3),Equipment must be installed away from flammable materials, equipment away from flammable items or materials shortest distance is 0.5mm.
4),Fan or ventilation at least within the range of 0.3m can not have obstacles.
5),Allow equipment to cool at least 15 minutes before handling.

2.Packing information

Item Name	QTY	Unit
The LED par light	1	pcs
Power Supply	1	pcs
User manual:	1	pcs

3. IR Remote control instructions :

BLACK OUT Mode
It is a remote switch , Press <BLACK OUT> one time , it will open the IR remote model,
and it will default to color jump mode "CC12", also will enter to the previously saved mode
if some mode   has been saved , press <BLACK OUT> one time again,
it will Exit the remote control function and save the current settings

AUTO Mode
Automatic mode will enable you to run the automatic programs on the product.
To turn on Automatic mode:
1. Press <AUTO> on the remote controller.
2. Press <+> or < - > to choose between the different auto programs.

SOUND Mode
Sound-Active mode will enable the product to respond to the music.
To turn on Sound-Active mode:
1. Press <SOUND> on the remote controller.
2. Press <+> or < - > to choose between the different sound programs.

FADE   Mode
It is a color gradient mode.
1. Press <FADE> on the remote controller.
2. Press <FADE> again to turn off the Fade mode.
3. Press <+> or < - > to either increase or decrease the speed of the program.

MANUAL Mode
1. Press <MANUAL> one time ,, the menu display show "**dlon**", turn on the remote controller.
2. Press <R>, <G>, <B>, <W>,<A> or <UV> (red, green, blue, white, amber, UV) to choose your
   Wanted colour.press the 1st time , it is 20% brigtness , press the 2nd time , it is 40% birghtness ......
   press the 5th time , it is 100% bightness .
   Press the 6th time , turn off the manual color which you chosen

% Mode
Adjust the birghtness of RGBWAUV color , ,press the 1st time , it is 10% brigtness , press the 2nd time ,
it is 20% birghtness ......,press the 10th time , it is 100% bightness .

NUMBER 0~9
0-9 kinds Static color mode, press one time for your wanted color ,
Press <+> or < - > to either increase or decrease brightness

STROBE Mode
It should be worked with Auto mode /sound mode/fade mode/manual mode/0-9 static color model
together
press the <STROBE> one time , it is 1/8 speed , press the 2nd time, it is 2/8 speed , press the 8th
time   ,it is 100% speed .

SENSITIVITY Mode
It is reset function , press it one time, enter the initial function
press it once again, restore factory settings, exit the remote control and enter A001

SPEED Mode
No function

4. Wireless DMX Control instructions :

Set up wireless DMX

The fixture needs to be paired from the wireless DMX transmitter. Follow below steps to pair.
Step 1: Connect the DMX512 controller to the wireless DMX transmitter.
Step 2: Switch on the device , turn on the wireless DMX control on from control panel 'rfon'
Step 3: Set the device to DMX mode. (AXXX or dXXX)
Step 4: Switch off the device. Press and hold the 'DMX select' button whilst switching on the fixture. Once the fixture turns on the 'wireless status' light will be lit white and the unit will be in "setup mode".
Step 5: The 'wireless indicator' will be lit to a specific colour to indicate the protocol being used for the transmission as shown in TABLE1. Pressing the button will cycle through the colours and once you want to set the protocol pressing the button for more than 1s will save the protocol. The transmitters, receivers and transceivers will remember the protocol used even after a power cycle with their built in memory chip.
Now you need to setup as for WDMX mode or EL mode

Protocols TABLE1

Color	Protocol
RED	ELDMX Transmit and receive
GREEN	W-DMX Receive
BLUE	W-DMX G3 Transmit
YELLOW	W-DMX G4 Transmit
PURPLE	GZ Receive * (* Receiver only)

Using W-DMX mode

Transmitters
Pressing the button momentarily will connect to all unconnected receivers in the coverage area.
Pressing the button for more than 3s will disconnect all receivers in the coverage area.
Receivers
Pressing the button for more than 3s will disconnect the device with a transmitter.
NOTE:
The colour of the light will indicate the group as shown in Table2.
The receiver will not connect with a new transmitter unless it is disconnected first.

W-DMX Status Indicators TABLE2

Protocol	Action	Description
W-DMX Receive	White	No connection
	Red	Deleting Connection
	Red Fast Flash	Connection Lost
	Green Fast Flash	Connecting to Transmitter
	Green Slow Flash	Connected but no DMX signal
	Green	Connected with DMX signal
W-DMX Transmit	Red	Deleting All Receivers
	Blue Fast Flash	Connecting with the receivers
	Blue Slow Flash	No DMX input
	Blue	Transmitting DMX

Using EL wireless DMX mode

Changing Channel Group

Pressing the Button will show you the current channel group being used and pressing it again will cycle through the
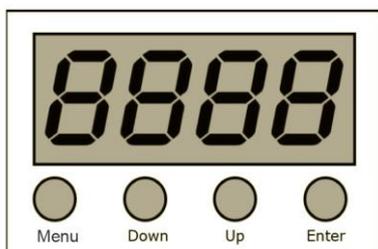groups. The colour of the light will indicate the group as shown in Table3.

Status Indicators TABLE3

Protocol	Action	Description
ELDMX / GZ	Solid color (red,green,blue yellow,cyan,magenta,white)	1 of the 7* color groups (*7th white only in GZ mode,6in WIDMX modes)
	Flashing Red	Transmitting DMX
	Flashing Green	Receiving DMX

5.Setting DMX512 console channel address:

After starting DMX512 console, etc. LCD display console initialization has been completed, press Program key, until the top of the light is flashing, then press the button below channel 1, channel 1 indicator light DMX512 console's address is 10000000, to promote channel faders can be DMX512 console control. Choose DMX512 address consistent with DIP, light to enter the DMX512 control console for the state. The products selected as 10000000 DMX512 console take effect.

6.Key Description:

MENU: Access the menu

DOWN: "reduction key" or "key under the selected"; decrease the value function down menu.

UP: "add key" or "selection on the key"; increase the value function, shift on the menu

ENTER: Is used to select and confirm/store the current selection

7.Menu Display:

No	Display Show	Numerical value	Function and description
1	d001	001- 512	DMX512 address setting -6-channel mode
2	A001	001- 512	DMX512 address setting -10-channel mode
3	S-SL	SL / FA	DMX512 dimming speed setting SL: slow dimming; FA: fast dimming
4	d-Ho	Ho / oF	DMX signal loss processing mode setting: Ho: keep the last DMX signal state; oF: Turn off all LEDs
5	rFon	ON-OF	Wireless dmx control
6	Iron	ON-OF	IR remote control
7	r255	000 - 255	Red dimming ，from dark to bright
8	G255	000 - 255	Green dimming ，from dark to bright
9	b255	000 - 255	Blue dimming ，from dark to bright
10	u255	000 - 255	White dimming ，from dark to bright
11	Y255	000 - 255	Amber dimming ，from dark to bright
12	P255	000 - 255	UV dimming ，from dark to bright
13	I255	000-255	IR remote control brightness
14	FF00	000 - 255	Strobe，speed from slow to fast
15	CL01	000-255	15 kinds static color selectable
16	CC12	00- 15	Color jumping，speed from slow to fast
17	DE15	00- 15	Color Gradual change，speed from slow to fast
18	CP13	00- 15	Color Pulse change，speed from slow to fast
19	SU13	00- 15	Sound control ,Voice sensitivity from low to high.
20	t 30	00-99	Current temperature display when not used the dislpay will show : t ---
21	VEr1		Version number
22	rSEt		Reset

8.DMX512 Controller Channel Function:

10 Channel:

Channel	Function	Description
CH1	R dimming	Red dimming ，from dark to bright
CH2	G dimming	Green dimming ，from dark to bright
CH3	B dimming	Blue dimming ，from dark to bright
CH4	W dimming	White dimming ，from dark to bright
CH5	A dimming	Amber dimming ，from dark to bright
CH6	UV dimming	UV dimming ，from dark to bright
CH7	Master Dimmer	RGBWAUV master dimmer, from dark to bright
CH8	Master strobe	RGBWAUV master strobe ,from slow to fast
CH9	Function selection	0—50：no function 51—100：15 kinds of color output., controlled by CH10 101—150：Color jumping； 151—200：Color Gradual change； 201—250：Color Pulse change； 251-255：Sound control
CH10 ((Ch9 set 051-100))	000-015	N Function
	016-031	R
	032-047	G
	048-063	R+G
	064-079	B
	080+095	R+B+UV
	097+111	G+B
	113+127	R+G+B+A+UV
	129+143	W
	145+159	R+W
	160+175	G+W
	176+191	R+A
	192+207	B+W+UV
	208+223	R+B+W+UV
	224+239	G+B+W
	240+255	R+G+B+W+A+UV
CH10 (Ch9 set 101-150)	000-255	Select auto run speed for (CC, dE and CP) from slow to fast
CH10 (Ch9 set 251-255)	000-255	Select sound sensitivity level for sound active mode (SU) form low to high

6 Channel:

Channel	Function	Description
CH1	R dimming	Red dimming ，from dark to bright
CH2	G dimming	Green dimming ，from dark to bright
CH3	B dimming	Blue dimming ，from dark to bright
CH4	W dimming	White dimming ，from dark to bright
CH5	A dimming	Amber dimming ，from dark to bright
CH6	UV dimming	UV dimming ，from dark to bright

9.Technical Specifications :

1).Rated voltage: 90V-240VAC, 50/60Hz

2).Power Consumption:72W

3).LEDs: 6 * 12 W RGBWAUV (6 in 1) LEDs

4).Lamp rated life: >50000 Hours

5).Bean angle: 40 degree

6).DMX512 Channels: 6/10 CH

7).Dimming: 0-100%

8) Built in battery & wireless dmx 512, with Infrared remote control

9).Strobe: Independent electronic strobe, 0-20 times / second, the speed can be adjusted

10).Battery working time: (+/-) 4 hours Full color,(+/-) 20 hours single color Auto run

11).Control Mode: DMX512 control ,Auto Run,Master /Slave,Sound Active

12).P Rating: IP 65

13).Product size: 240 x 165 x 210 mm

14).Packing size: 200 x 200 x 250 mm

15).Net Weight: 3 kgs   ;   Gross Weight: 4 kgs