EXALITE

EXL-IP65 Batt/W Par25° RGBWAUV

<u>User manual</u>

Catalog

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> Please read over this manual before operating.

- **PCBA** Please take care for it, not stackable, do not litter, prevent PCBA deformation, component damage, such as the loss of the pad.

- The power input DC 12V voltage, positive and negative can not be reversed.

- When assembling, you should take the edge of the PCB board. Do not try to carry out the lifting operation on a certain component for the sake of convenience. Avoid the situation that the pad is dropped or damaged due to force.。

- There are connection terminal should be connected according to the process requirements and the correct way, pay attention to distinguish the direction and polarity。

- Please not operate with live or plug the cable to avoid short circuit or component damage。

- Please do a good job of anti-static treatment.

2. Features

Item No:ELP-9*15W

Input voltage : 90-240V AC, 50/60Hz

Light source :9pc 18W RGBWA UV 6in1 leds

IP rate: IP65

Lamp life: 100000 hrs

LED angle: 25/45degree

Control channels: 6/11CH

Battery power & wireless DMX,Wireless DMX-512 protocol

Battery working time: All leds on 6 hrs, Auto mode: 12-14 hrs, One color on: 20 hrs

Built in 2.4G receiver/ transmitter for wireless DMX operations

Control mode: DMX512, master/slave, auto, sound active

Automatic model(by function button) : color change, color strobe, color dimmer, color gradual change/color jump change

Operation menu: 4 digit digital LED display

Connection: IP65 PowerCon connection & 3pin DMX in/out

Product size: 240X240X200mm

N.W: 5.5kg

3. Menu

Menu	Up/Down	Enter
"Addr"	"A001"	SAVE
	"A512"	
"Chnd"	" 6Ch"	SAVE
	" 10Ch"	
"SLAu"		"SLAU"

"StAt"	X=0-255	"rXXX"
		"GXXX"
		"bXXX"
		"UXXX"
		"yXXX"
		"PXXX"
	X=0-20	"StXX"
"CoLo"	"xx=1-32"	CLxx
"Auto"	"xx=1-99"	SAVE
"FAdE"	"xx=1-99"	SAVE
"SnAP"	"xx=1-99"	SAVE
"Soud"	"Sou1"	"SE00~SE99"
	"Sou2"	
	"Sou3"	
"SySt"		"tESt"
	"on/oFF"	"rF24"
	"Fr 1~Fr 7"	"FrEq"
		"WIFI"
	"on/oFF"	"LEd"
	"tEst"	"rEd"
		"GrEE"
		"bLuE"
		"Whit"
		"yELL"
		"PurP"

3.1 Display

1．Display：

2. Button：

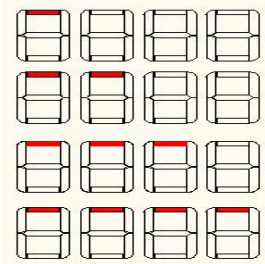| MENU	Choose Menu or function exit
▲ UP	Increase the value
▼ DOWN	Decrease the value
ENTER	Current show menu or enter into the current selected function

3.2 Operation

About the off & on operation:

In the off state, after pressing the MENU button for 3 seconds, the digital tube is turned on, and the required function operation can be performed. If the lamp is not connected to the commercial power, the battery power can be checked by pressing the MENU button.

In the power on state, after pressing the MENU button for 3 seconds, the digital tube displays the font "OFF", then goes out in the off state, which will cut off the battery power supply. If the lamp is connected to the commercial power, the digital tube will display the corresponding amount according to the battery charge level. symbol:

25% 50% 75% 100%

Functional operation:

To select a preset function, press the MENU button to enter the main menu. The display will show the corresponding menu function. When the MENU button is pressed again, the next menu function is selected. If you press the MENU button repeatedly, you will continue to select each menu function. In the main menu mode, you can use UP/DOWN to set the parameters. After the selection is completed, press the ENTER button to save or enter the next menu function.

"Addr" DMX512 address code setting

Select "Addr" (DMX512 address code setting), press ENTER button to confirm, the display will show the corresponding address code value. Use the UP/DOWN keys to adjust the desired address code from 1 to 512. After selecting, the parameters will be automatically saved. If you press the ENTER or MENU button, the display will exit to the previous menu mode.

"Chnd" channel mode

Select "Chnd" (channel mode) and press the ENTER button to confirm. Use UP/DOWN button to select "6Ch"

(6 channels mode), "10Ch" (10CH channel mode). After selecting channel, the parameters will be saved

automatically. If you press ENTER or MENU button, the display will exit to the previous menu mode.

"SLAu" accessory mode

Select "SLAu" (Slave mode) and press the ENTER button to display "SLAU", indicating that the Slave has

entered the receive mode of the slave. After confirmation, the parameters will be automatically saved. If you

press the MENU button, the display will exit to the previous menu mode.

"StAt" static color setting

Select "StAt" (static color setting), press the ENTER button to enter the next level menu, the display will show

the corresponding color value. Press the ENTER button repeatedly, the display will switch back and forth

between the 6 colors ("rxxx" , "Gxxx" , "bxxx" , "Uxxx" , "yxxx" , "Pxxx") and the strobe ("Stxx") ,

When displayed in a color or strobe value ("xxx" = 0-255, "xx" = 0-20), use the UP / DOWN button to adjust the

desired setting value between 1 and 255. The greater the brightness is, the faster the strobe speed is, and the

static color parameters are not saved. The default value is 255. If you press the MENU button, the display will

exit to the previous menu mode.

"CoLo" color selection mode

Select "CoLo" (color selection mode) and press the ENTER button to go to the next menu. Use the UP/DOWN

button to select "CL01" (color 1) to "CL32" (color 32). After the selection, the parameters will be saved

automatically. If the ENTER button is pressed, the display will exit to the previous menu mode. If you press the

MENU button, the display will advance to the next main menu mode.

"Auto" automatic transition mode

Select "Auto", press ENTER button to enter the next menu adjustment speed, display "SPxx" ("xx"=01-99),

use UP/DOWN button to adjust between 1 and 99. The value to be set, the greater the value, the faster the

speed. After the selection, the parameter will be automatically saved. If you press the ENTER button, the display

will exit to the previous menu mode. If you press the MENU button, the display will advance to the next main

menu mode.

"FAde" color gradient mode

Select "FAde" (color fade mode), press ENTER button to enter the next menu adjustment speed, display

"SPxx" ("xx" =01-99), use UP/DOWN button to adjust between 1 and 99 The set value, the higher the value,

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the faster the speed. After the selection, the parameter will be saved automatically. If you press the ENTER

button, the display will exit to the previous menu mode. If you press the MENU button, the display will advance

to the next main menu mode.

"SnAP" color mutation pattern

Select "SnAP" (color abrupt mode), press the ENTER button to enter the next menu adjustment speed, display

"SPxx" ("xx"=01-99), use the UP/DOWN button to adjust between 1 and 99 The set value, the higher the

value, the faster the speed. After the selection, the parameter will be saved automatically. If you press the

ENTER button, the display will exit to the previous menu mode. If you press the MENU button, the display will

advance to the next main menu mode.

"Soud" sound mode

Select "Soud" (sound mode), ENTER button to enter the next menu voice control mode selection, display

"Soux" ("x" = 1-3), use the UP / DOWN button to select a different voice control mode between 1 and 3, "Sou1"

voice control jump, " Sou2" Sonic Pulse + Strobe, Sou3 Strobe, the parameters will be saved automatically. If

you press the ENTER button, the display will enter the voice sensitivity setting "Sexx", ("xx" = 00-99). The

UP/DOWN button is between 0 and 99. Select the voice control sensitivity according to different requirements.

Press the ENTER button again to exit to the previous menu mode. If you press the MENU button, the display will

advance to the next main menu mode.

"SySt" system setting mode

Select "SySt" (system setting mode), press ENTER button to enter the next menu, display "teSt" , use

UP/DOWN button to select different between "rF24", "FrEq", "UIFI" and "Led" The setting, when selecting

"teSt" display, press ENTER button to confirm, the system will enter self-test mode, the display will be in "red",

"Gree", "blue", "UhIt", "yeLL", "PurP" Automatic switching between "FuLL", the display of the corresponding color

of the menu lamp will also light up, if you press the MENU, ENTER button to exit to the previous menu mode. At

this point, the self-test mode stops.

When the select "rF24" on display, press the ENTER button, the system will control the power of the 2.4G

wireless module, turn on the power when "on" is displayed, and turn off the power when "oFF" is displayed.

Press the MENU, ENTER button to exit to the previous menu mode. The parameters will be automatically saved

after exiting. If you use the 2.4G wireless module to receive signals, you must select "rF24" in the "on" state.

When selecting "FrEq" display, press ENTER button to enter 2.4G wireless module band selection, use

UP/DOWN button to select between "rF 1" ~ "Fr 7" bands, press MENU, ENTER Press to exit to the previous

menu mode. The parameters will be automatically saved after exiting.

When select the "UIFI" on display, the system turns on the power of the WiFi mode and enters the mobile phone dimming control mode. If you press the ENTER button, press the MENU button to exit to the previous menu mode, and the parameters will be automatically saved after exiting. Open the WIFI setting page of the mobile phone and click the link with the WLAN name "LEDxxx". After the link is successful, open the LedWIFI software to scan and select a single point of control to perform the corresponding operation interface.

When the "Led" display is selected, after press the ENTER button, use the UP/DOWN button to select "on" or "oFF". When "on" is selected, the display is always on, if "oFF" is selected, when there is no button The display will automatically turn off in approximately 15 seconds when pressed, and the display will not turn on until a key is pressed again.

4. DMX512 Control

Press the MENU button until "Chnd" is displayed on the screen (channel mode)，Then ENTER Use the UP/DOWN button to select "6Ch" (6 channels mode) or "10Ch" (10CH channel mode) as required, press the ENTER button to exit to the previous menu "Chnd", then press the DOWN /UP button to select "Addr" "(DMX512 address code setting), press ENTER button to confirm, the display will show the corresponding address code value. Use the UP/DOWN button to adjust the desired setting of the address code from 1 to 512. In this case, you can receive the DMX512 console control signal. If you want to use this feature, please refer to the following diagram to set the DMX512 address of the first 4 fixtures:6CH Mode：

1：A001，2：A007，3：A013，4：A019

10CH Mode： 1：A001，2：A011，3：A021，4：A031

4.1 Main and auxiliary machine built-in program control

When connecting multiple fixtures using the master/slave mode, select "SLAu" (auxiliary mode) for the other fixtures except for the first fixture.
The first luminaire is used as a host, and all show modes can be selected. The slave will be controlled by the host to perform the same action.

5. DMX512 Channel

6CH mode:

CH	Value	Channel
1	0~255	Red dimmer

2	0~255	Green dimmer
3	0~255	Blue dimmer
4	0~255	While dimmer
5	0~255	Amber dimmer
6	0~255	UV dimmer

10CH mode:

CH	Value	function
1	0~255	General Dimmer,the 9th CH(0~9)
2	0~255	Red dimmer
3	0~255	Green dimmer
4	0~255	Blue dimmer
5	0~255	White dimmer
6	0~255	Amber dimmer
7	0~255	UV dimmer
8	0~9	Strobe off
	10~255	Strobe
9	0~9	Dimmer mode
	10~49	Color choose：for 10th CH
	50~89	Color jump change：Speed control by 10th CH
	90~129	Color gradual change：Speed control by 10th CH
	130~169	Color mutation change：Speed control by 10th CH
	170~209	Sound active
	210~239	Sound active +Strobe
	240~255	Sound active strobe
10	0~255	Dependon value of 9th CH Color choose when 10~49 Color jump change, Color gradual change,Color mutation change when 101~250 Speed：0-255