



# **EXL Flood RGB 324W**

## **USER MANUAL**



**CE RoHS**

## **Technical Parameter:**

### **Light Source:**

Led: 108 pcs\*3W LED

Light Color: Red, Green, Blue

LED Life Time: over 50,000 hours

### **Power supply:**

Voltage: AC 100-240V 50-60Hz

Max.power consumption :420W

### **Optics:**

Beam Angle: 60°

Dimmer :0~100% linearly adjustable

Strobe Effect: Variable speed (1-30Hz)

### **Features:**

Housing: Die-casting Aluminum

House Color: Black

### **Control:**

Control Mode: DMX512 signal, Auto-run, master/slave

DMX Channel: 3/6CH

### **Working Environment : Working**

Temperature: -30°C~40°C

IP Grade: IP65

### **Package :**

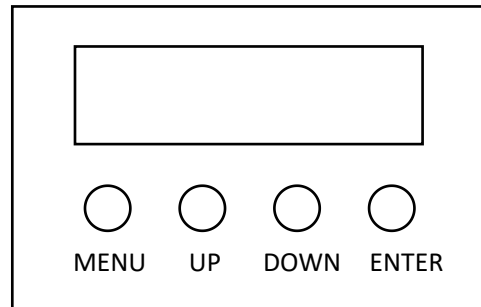
Net weight: 10kgs

Gross weight: 12kgs

# 1.Operation

## 1.1 Key-operation

- 【MENU】 Main menu or back the last menu
- 【UP】 Choosing menu or data increase
- 【DOWN】 Choosing menu or data decrease
- 【ENTER】 Enter, choose the vice menu or end edit.



For example “Change the DMX address” , keys’ usage as following:

- 1.If it isn’t the main menu, you can press ”MENU” (once or more than once) to back to main menu
- 2.In the main menu, press”UP” and”Down” to choose the”Running mode” and then press”ENTER” to enter running mode
- 3.In the”Running mode”,press ”UP” and”Down” to choose the”DMX mode” and then press “ENTER” to enter to sub menu
- 4.In the “DMX mode”, pls choose”DMX address”
- 5.Press”ENTER” to enter edit status(edit hundreds place first, and then press “ENTER”edit decade, press “ENTER”edit the unit finally)
- 6.Press “UP”and “Down” to change dmx address (hold down the key for long time is supported)
- 7.Press”ENTER” to exit the edit status

### 1.1.1 Running State

Running state	Show	description
DMX model	Axxx	“A” for standard channel model, “XXX” for the address code
	Dxxx	“D” for simple channel model, “XXX” for address code
Static model	STAT	
Auto model	Atxx	“AT”for auto run, “xx”for program
Sound model	SUDx	“SUD”for sound control, “x”for sound control model
Button model	VRAD	

## 1.1.2 Display

### Main menu

Menu	Operation	Option	Description
Language	Press "Enter" to change language	English	
		Chinese	
Screen Protect	Press"Enter"change the methods of protecting screen	State	Show the running state
		LOGO	Show LOGO
		Black screen	Black screen
		Close	No screen protect
Run model	Press"Enter" key enter vice menu		
Information	Press"Enter"key enter vice menu		
Advanced	Press"Enter"key enter vice menu		

### Running model

Menu	Operation	Description of vice menu
DMX model	Press "Enter"key choose this model	It's the slave model, can be recognized the signal from controller or Master light.
State model	As above	Can set the color and strobe, it's the master model
Auto run model	As above	Can choose program and the speed, it's the master model
Sound model	As above	Can choose sound model, it's master model
Button model		This is individual model, can not receive or transmit the signal

Menu	Description
Software	Show the name of software
Version	Show the version
Current temperature	Show the current temperature of the light
DMX condition	Four kinds of situation: "Normal"(Slave model, with signal), "None"(Slave model, without signal), "Master model", "Individual")

### Advanced

Menu	Operation
Temperature protect	Press"Enter"key and Press"UP""DONW"to set the protect temperature
Reset	Press"Enter" and after the confirm it, press"Enter"again then reset the product

## 2. Channel

### 2.1 Standard channel model

CH	Data	Function	Remark
1	0~255	Dimmer	
2	0~255	Color 1	
3	0~255	Color 2	
4	0~255	Color 3	
5	0~10	No strobe	Running inner program, this channel can control the speed.
	11~255	Speed pf strobe (255 is fastest)	
6	0~20	Dimmer speed 4 (slowest and smoothest)	The speed can be controlled by channel 4
	21~40	Dimmer speed 3	
	41~60	Dimmer speed 2	
	61~80	Dimmer speed 1	
	81~99	Dimmer speed OFF (fastest, no delay)	
	100~109	Inner program 1	
	.....	.....(each 10 data for program)	
	190~199	Inner program 10	
	200~240	Change color by sound Control	
241~255	Strobe by Sound Control		

#### 2.1.1 Basic channel model

channel	data	function
1	0~255	color 1
2	0~255	color 2
3	0~255	color 3

## **SAFETY INSTRUCTIONS**

When use this product please pay close attention to the following items.

- 1) The product must be installed by a qualified professional
- 2) The product left the place of manufacture in perfect condition. In order to maintain this condition and for safe operation, the user must always follow the instructions and safety warning described in this user manual.
- 3) Manufacture will not with responsibility for those operation not according to this instruction.

### **Operation attentions**

- 1) Do not connect power cable of other electric products with this unit.
- 2) Do not connect DMX512 signal cable of other electric products with this unit.
- 3) Check the fixture and power cord time to time, make sure the power cord is not crimped or damaged by sharp edges.
- 4) Do not shake the fixture. Avoid brute force when installing or operating, do not permit operation by person not qualified for operating the device.
- 5) Always make sure that the products are connected the proper voltage, and that the line voltage of the products connecting to is not higher than that stated on the decal or rear panel of the fixture.
- 6) During long period of non-use, disconnect the unit's main power
- 7) Do not attempt to operate this unit if the power has been frayed or broken. If the exterior cord of the fixture is damaged, it must be replaced by manufactory, agent or qualified technician.
- 8) There are no serviceable parts inside the unit. Do not open the housing or attempt any repairs yourself.
- 9) Maximum ambient temperature ( $T_a$ ) is  $35^{\circ}\text{C}$ . Do not operate unit at temperature higher than this
- 10) The surface temperature of the light can reach to  $65^{\circ}\text{C}$ , cool down at least 15 minutes before the light operated.
- 11) Avoid looking into the source directly(especially those who suffer from epileptic fits)
- 12) Do not install the fixture on combustible surface. Always mount this unit in safe and stable mater.

## DISCLAIMER

1. The device is with one year warranty . The warranty period appear non-artificial quality problem, this company is responsible for free maintenance
2. User violate operation caused the machine failure, this is user responsibility.
3. If due to the wrong operation or intense impact caused product destroy even safety accidents, the manufacturer does not undertake any responsibility
4. Prohibit replaced product components by any person, therefore caused any consequences will be whose responsible

**Please contact us freely when you need our related products or information...**



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