EXALITE

EXL-XL Profile Zoom RGBW 200W

USER MANUAL

CE RoHS

Technical Parameter:

- LED POWER: 200W
- LED Color: RGBW 4in1 COB LED
- IC Chip :Epistar
- LED Life Time: over 10,000 hours
- Color Rendering Index(CRI): Ra≥90
- Voltage: AC90-260V 50-60Hz
- Max.power consumption: 260W
- Beam angle: Zoom from 20°to 45°
- Dimmer: 0~100% linearly adjustable
- Strobe: 1-25 times/sec
- Refresh Rate: >400 Video Flicker Free
- Focus: Can be adjusted by hand
- Technology: High-quality optical system , Glass reflector
- Control protocol: DMX 512
- Control System: DMX, Auto run and Master/Slave
- DMX Channels: 4/8CH
- Working Temperature: -30~40℃
- Cooling System: Low noise fan (one fan)
- Thermal Sensor Monitoring: Over-temperature Protection
- IP Grade: IP20
- Net Weight: 11kgs Gross Weight: 14kgs
- Packing Size: 80x30.5x31cm

1. Description

1.1. Character

4 control mode

- **External control mode**
  - ◆ DMX512 controller controller mode （2 kind of DMX Channel）
  - ◆ Master/slave
- **Auto mode**
  - ◆ Built-in Program
    - Different kind of Gradual change& Random change
    - Different kind of strobe： speed (slow to fast)、fix color(Strobe +color、 Strobe +Gradual change)……
  - ◆ Setting Program
    - It can setting the program without the controller , it can setting Gradual change、jump change、strobe ...(different effect)
    - And the program data can be down load from master light to slave light
- **Static model**
  - ◆ It can fix the color without the controller ,also can be choose the color with strobe
- **Sound model**
  - ◆ Included 2 kinds of commonly used sound model

➢ **"Software cutting "**
- In the STAR mode , working built-in program /setting program ,the light would be turn off when the dimmer channel as "0" （procedure would keep working)
- The difference with "BLACKOUT" key(controller keys) &"Software cutting" ： only work this light , and do not clear up the controller data .

➢ **White color**
- Setting different color temperature of white color

➢ **Screen Protection**
- Without operate key in 30 seconds , it enter black screen. Press any keys then it can quit screen protection.

➢ **Temperature Protection**
- It can set to protect the temperature .

➢ **Speed of the Fan**
- The fan will be worked when the working temperature reach 40 degree, and the speed will get the faster as the temperature get high.

➢ **Can be showed reverse display**

1.2.Multi-light working in the same time

When using controller to control several lights , and using strobe , auto mode, the controller just send the channel data . Those effect(strobe ,auto running ,fix color)would be showed by itself. And should be attention for the follow situation:

1. There will be many situation make the light become not synchronization in the beginning. (For example: the different time of opening the light will make them connect the controller in different time) . And you can change the controller table puller data(from 20 to 0, and back to 20), then it can be synchronization.

2. Due to different lights crystal frequency are not exactly equal, so it will become not   synchronization after long time.

3. If need to be synchronization for long time, there is 2 approaches:

A. Using the controller to make program make the strobe, auto run effect to be synchronization.

B. Using the Maser/Slave model

2.Operation

2.1 Key operation

R.00 I (1~512)

d.00 I (1~512)

Rt.0 I (1~10)

→ **SP.10** (1~20)

Sod.I (1~2)

StRt → **r.255** (0~255)

......

→ **St.00** (0~20)

tEMP → **0**

→ **t.080** (40~120)

Ut.0 I (1~11)

→ **r.255** (0~255)

......

d.SP

rESt

Menu：

   The first list is the main menu (press MENU to exchange), the second list is submenu (press ENTER to get in or exchange)

   If the menu include the decimal point, that's the data, and it can be set by the Key of Up/Down.

Key operation：

Key of "MENU" (Press it and can save the data)

   If it's the main menu, it will exchange to next main menu.

   If it's the submenu , it will back to main menu.

Key of "ENTER" (Press it and can save the data)

   If it's the main menu and it have submenu, it will enter the submenu.

   If it's the submenu, it will exchange to the next submenu

Key of "UP/DOWN"

   It's no function if the menu not include the decimal point.

   If the menu include the decimal point, it can set the data after the decimal point. And it need to press "ENTER" to save the data.

2.2 Menu Data

Menu		State	Operation		Remark
Main Menu	**Vice Menu**				
A.001	No vice menu	A: advance	UP/DOWN	adjust ID adress	disconnect the controller and connect the master light, then it will follow the master light. It will flicker if no signal.
		External control mode (standard channel model)	ENTER	save the ID address	
d.001	No vice menu	d: dmx	UP/DOWN	adjust ID adress	
		External control mode (Basic channel model)	ENTER	Save the ID address	
At.01	One vice menu	At: auto	UP/DOWN	Choose program	
		Auto run	ENTER	Enter vice menu	
	SP.10	SP: speed	UP/DOWN	Adjust the speed	
		select the speed of auto run	ENTER	Save data	
Sod.1	None	Sod: sound	UP/DOWN	change to Sound control	
		Sound mode	ENTER	Save data	
StAt	With multi-vice menus	StAt: static	ENTER	Enter vice menu	
		Static model			
	r.255	r、G、b、W……	UP/DOWN	Change the value of led	
	……	Led set	ENTER	Save data and change to vice menu	
	St.00	St: strobe	UP/DOWN	Change the value of strobe	
		Strobe and the speed	ENTER	Save data and change	
tEMP	2 vice menu	tEMp: temperature	ENTER	enter the vice menu	

		temperature control			
	0	current temperature	ENTER	change to vice menu	
	t.080	t: top	UP/DOWN	change the data of temperature protect	
		set the protect temperature	ENTER	save and change	
Ut.01	With menus	Wt: white	UP/DOWN		
		Color temperature setting	ENTER	Enter the vice menu	
	r.255	r、G、b、W……	UP/DOWN	Change the value of led	
	……	Change the value of color temperature	ENTER	Sace data and change to vice menu	
diSP	No vice menu	diSP: display	ENTER	reverse the display	
		set to show reverse display			
rESt	No vice menu	rESt: reset	ENTER	enter the interface of key	the password is "UP DONW UP DOWN"
		return Initial State			

2.3 Channel data

2.3.1 Channel

Channel	Data	Function	
1	0~255	Dimmer	
2	0~255	Red	
3	0~255	Green	
4	0~255	Blue	
5	0~255	White	
6	0~30	No effect	
	31~200	Color change	
	201~205	Color temperature 1 (3200K)	Can be set via menu of "WT.xx"
	......	Color temperature 2~10 (each 5 data is a color temperature)	
	250~255	Color temperature 11 (10000K)	
7	0~10	No strobe	This channel can control the speed when run the inner program
	11~255	The speed of strobe (255 is fasterest)	
8	0~20	Speed of dimmer 4 (slowest and softest)	
	21~40	Speed of dimmer 3	
	41~60	Speed of dimmer 2	
	61~80	Speed of dimmer 1	
	81~99	Speed pf dimmer off (no delay)	
	100~109	Inner program 1	
	......	......(each 10 data is a program)	
	190~199	Inner program 10	
	200~240	Change light led by sound model	
	241~255	Strobe by sound model	

Channel	Data	Function
1	0~255	Red
2	0~255	Green
3	0~255	Blue
4	0~255	White

SAFETY WARNING

1. Warning

* Every person involved with the installation , operation and maintenance of this device has to be qualified .

* User must follow the instructions of this manual

* Unqualified person can not open the housing cover and operate the device , or the dealer will not accept liability for any resulting defects or problems.

* The device against rain and moisture

2. Waring notes :

* Power supply : AC 100V-240V , 50/60Hz

* Make sure the power switch is off , the power plug , outlet and the earth connection is in well condition before connecting the device with the mains.

* Please use qualified power plug and the outlet. Never connect the power cord of this device with other electrical equipment.

* During move and installation , make sure the device not crashed with metal parts and other tough materials.

* Always disconnect from the mains, when the device is on the installation and dismantled

* The minimum distance between light-output and the illuminated surface must be more than 50cm

* The device must only be installed on a non-flammable surface . In order to safeguard sufficient ventilation , leave 50cm of free space around the device . Please note that heat-sensitive objects may be deformed or damaged by the emitted heat .

* During the operation the housing becomes very hot ! Do not operate the device for 15 minutes after switching off .

* The maximum ambient temperature Ta = 45℃ must never be exceeded , The maximum housing temperature Tb = 80℃ must never be exceeded .

* For indoor use

* Replace any visible cracked protective shield , filters and lens .

* The protective shiel, filters and lens will require weekly cleaning as smoke "Cfluid tends to building up residues , reducing the light "Coutput very quickly.

APPENDIX

Problem and solution

Problem	Reason	Resolution
Device not work	No power	AC100V-250V,50HZ/60HZ Check the power connection, and make sure device connect the mains in well condition. Check if switch is on Check if the fuse is good
Led bulb is off	led bulb damaged	Replacing led bulb
	Led driver board damaged	Replacing led driver board
	temperature swtich damaged	Replacing temperature switch
Fans not work	Fans damaged	replacing fans

Caution :

* Unqualified person involved with installation , operation and maintenance of this device is prohibited .

* If any above mentioned problem happened , or unknown problem happened , please contact manufactory or distributor or distributor for assistance

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 informations...