EXL Fresnel Zoom WW+CW 200W

USER MANUAL

CE RoHS

OVERVIEW

Thank you for using our product, this unit is designed for indoor using, it's widely used for stage, building, disco, etc. as high power led effects lighting, this unit can be operated as a single unit or multiple units for large applications. Direct input of DMX512 signal to unit to allow it controlled by any DMX controller, powerful internal programs and friendly and convenient operation interface allows customers to program freely to any different lighting project requirements for installation or showing.

This high power par can has gotten the nice sculpt, efficient, save electricity and durable。

This product complies with the following standards:

EN61000-3-2:2006+A2:2009
EN60598-1:2008+A11:2009

Technical Parameter:

- LED: 200W LED
- Light Color: Cool White + Warm White 2in1
- IC Chip: Nichia
- LED Lamp: Japan Citizen
- LED Life Time: over 50,000 hours
- Color Rendering Index(CRI): Ra≥90
- Power Supply: AC100V-240V, 50/60Hz
- Power Consumption: Max. 260W
- LED Life time: over 50,000 hours
- Beam Angel: 15-50°
- Control Mode: DMX, Auto run and Master/Slave
- DMX Channels: 3/7 CH
- Housing: Aluminum Alloy
- IP Rating: IP20
- Warranty : One year
- N.W.: 8.5 kgs
- G.W.: 10 kgs
- Dimensions : 580 x 320 x 320 mm

1. Product Introduction

1.1. Product Feature

➢ **2 kinds of running model**
  ◼ External control mode (Slave model)
    ◆ DMX 512 controller control(2 kinds channel modes)
    ◆ Master/salve model control (auto match the signal from controller and the Master light, no need to set by menu)
  ◼ static mode (Master model)
    ◆ It can fix any color without the controller ,also work this color with strobe
➢ **Non-linear dimmer and linear dimmer**
  ◼ The speed of dimmer can be set under the controller control
➢ **Screen Protect**
  ◼ It will enter blank screen without any operate on the keyboard in 30 seconds . Press any keys then it can quit screen protection.
➢ **Temperature Protection**
  ◼ It can be set to temperature protection mode
➢ **Speed of the Fan**
  ◼ The fan will start to work when the working temperature reach 40 degree, and the speed will be changed according to the change of temperature.
➢ **Can be Reverse display**

1.2. Multi-light working in the same time

When using controller to control multi lights to work in strobe, the controller just send the channel data . The strobe effect will be depend on each light itself . And please take attention for the follow situation:

1. There will be many situations make the lights are not synchronization in the beginning. (For example: the different time of opening the light , or different time of them connect to the controller) .In this case,   you can change value of the controller(for example push 20 to 0, and back to 20), then it can be synchronization.

2. Due to crystal frequency of different lights are not the same exactly, so it may   not be synchronization after long time.

3. If need to keep synchronization for long time, there are two ways to do so:
    A. Using the controller to edit program make the strobe, auto run effect,then they must be synchronization.
    B. Using the Maser/Slave model

2. Operation

2.1. Menu Data

Menu		State
Main Menu →	Vice Menu	Operative Mode
		DMX address
		DMX channel Mode
		Speed of Dimmer
		No DMX signal
		Screen Savers
		Screen Rotation
		Language switching
		Speed of Dimmer
		Manual mode
		System information
		Reset
		Restore the default settings

Menu	Vice Menu	Display	Keys Operation
Standard Channel Model (7CH)		DMX(7CH) Addr:001	UP/DOWN: Change the ID address
Basic channel Model (3CH)		DMX(3CH) Addr:001	UP/DOWN: Change the ID address
Static Model	Dimmer (Color 1)	Static > Col1:000	UP/DOWN: Dimmer ENTER: Change the vice menu
	Dimmer (Color 2)	Static > Col2:000	UP/DOWN: Dimmer ENTER: Change the vice menu
	Strobe	Static > Strob:00	UP/DOWN: Strobe ENTER: Change the vice menu
	Zoom	Static > Focu:000	UP/DOWN: Zoom Changing ENTER: Change the vice menu
Control Temperature	Current temperature	Temp > Curr: 0	ENTER: Change the vice menu
	Set the temperature protection data	Temp > Top :080	UP/DOWN: Set temperature data ENTER: Change the vice menu
Restore the default settings		Reset	Press "ENTER" key, type your password, as follows:
		Reset Pwd:	Press " UP / DOWN" keys to enter a password, enter a password will display a "*" sign. as follows:
		Reset Pwd:****	Press "ENTER" to confirm the password. The correct password will restore the default settings. Otherwise, clear all "*" in order to re-enter the password.

Note:

1, if the first row of the menu shows ">" symbol, it indicates that there is the sub-menu can be switched by pressing the ENTER key.

2, the password is "UP, DOWN, UP, DOWN".

3. Channel Data

1.1. Standard channel model (7 CH)

Channel	Data	Function	Notes
1	0~255	Dimmer	
2	0~255	Color 1	
3	0~255	Color 2	
4	0~10	Dimmer delay	
	11~15	Dimmer no delay	
	16~255	Dimmer delay can be optional	Data 16 is the shortest time for delay，Date 255 is the longest for delay.
5	0~10	No Strobe	
	11~255	Speed of strobe(data 255 is the fastest)	
6	0~255	Focus	
7	0~255	Speed of Focus	Data 0 is the Fastest，data 255is the slowest.

1.2. Basic Channel Model (3 CH)

Channel	Data	Function
1	0~255	Color 1
2	0~255	Color 2
3	0~255	Focus

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.

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

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