

LED RGBW PROFILE SPOT LIGHT USER MANUAL



CE RoHS

MODEL NO.	L-329
NAME	200W RGBW LED Profile Spot light

LEDIA L-329 RGBW

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:

- Power Supply: AC100V-240V, 50/60Hz
- Power Consumption: Max. 260W
- LED: 200W LED, RGBW Color
- LED Life time: over 50,000 hours
- Small volume, lightweight
- High quality optical system
- Beam Angel: 19° /26° /36°
- High-quality optical system , Glass reflector
- Control Mode: DMX, Autorun and Master/Slave
- DMX Channels: 4/8 CH
- Housing: Plastic , Color: Black
- IP Rating: IP20 ,
- Warrantee : One year
- N.W.:8kgs
- G.W.: 14kgs
- Dimensions : 710x300x310mm

1. Product Introduction

1.1. Product Feature

- **4 kinds of running mode**
 - External control mode (Slave mode)
 - ◆ DMX 512 controller control(2 kinds of DMX channel modes)
 - ◆ Master/slave model control (auto match the signal from controller and the Master light, no need to set by menu)
 - **Auto run mode (Master mode)**
 - ◆ Different kind of Gradual change & pulse change
 - ◆ Different kind of Strobe : speed change strobe (slow to fast)、 mixing strobe(Strobe +basic color、 Strobe +Gradual change).....
 - **static mode (Master mode)**
 - ◆ It can fix any color without the controller ,also work this color with strobe
 - **Sound mode (Master mode)**
 - ◆ Included 2 kinds of commonly used sound mode
- **“Software cutting ”**
 - The light would be turn off when the dimmer channel is "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 .
- **No-liner dimmer &liner dimmer**
 - The Effect get high praise from the professional technologist.
- **Balance of white light**
 - It can be set 11 kinds of white light with different color temperature and controlled by the controller.
- **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 support reverse display**

1.2. Multi-light working in the same time

When using controller to control multi lights to work in strobe or auto run, the controller just send the channel data . The strobe and auto run 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

MENU : Switch the main menu

UP/DOWN : Change the value of the current menu item

ENTER : If there are sub menu switch submenu

Menu description	Sub menu description	Display	Keys operation
Standard channel model (5 channel)		DMX(8CH) Addr:001	UP/DOWN change the address code
Simple channel model (2channel)		DMX(4CH) Addr:001	UP/DOWN change the address code
Static mode	Dimmer :	Static >	UP/DOWN : dimmer
	Color1 (red)	R :000	ENTER : switch sub menu
	Dimmer :	Static >	UP/DOWN :dimmer
	Color2 (Green)	G :000	ENTER :switch sub menu
	Dimmer :	Static >	UP/DOWN :dimmer
Color3 (blue)	B :000	ENTER :switch sub menu	
Dimmer :	Static >	UP/DOWN :dimmer	
Color4 (White)	W :000	ENTER :switch sub menu	
Strobe		Static >	UP/DOWN :strobe

		Strob:00	ENTER :switch sub menu
Temperature control	Display the current temperature	Temp > Curr: 0	ENTER :switch sub menu
	Setting the temperature protection	Temp > Top :080	UP/DOWN :temperature value ENTER :switch sub menu
RESET TO DEFAULT		Reset	After press ENTER, prompted for a password, as follows :
		Reset Pwd:	Press the UP/DOWN key to enter the password, input a password will display a "***". As follows:
		Reset Pwd:****	Press ENTER to confirm password. Password correct will reset to default. Otherwise will remove all the "***", in order to enter the password again.

Noticed :

- 1、 If the first line of the menu display ">" symbol, means we can switch submenu by ENTER
- 2、 Password is "UP、 DOWN、 UP、 DOWN".

2.1. Channel data

2.1.1. Standard channel model

channel	data	function	mark
1	0~255	dimmer	
2	0~255	color 1 (red)	
3	0~255	color 2 (green)	
4	0~255	color 3 (blue)	
5	0~255	color 4 (white)	
6	0~30	no effect	
	31~200	multi color change	
	201~205	color temperature 1 (3200K)	

	color temperature 2~10 (each 5 data is a color temperature level)	
	250~255	color temperature 11 (10000K)	
7	0~10	no strobe	this channel control the speed when running the build-in program
	11~255	speed of strobe (255 is the fastest)	
8	0~20	speed of dimmer 4 (the slowest and softest)	
	21~40	speed of dimmer 3	
	41~60	speed of dimmer 2	
	61~80	speed of dimmer 1	
	81~99	speed of dimmer off (fastest and no any delay)	
	100~109	inner program 1	
	each 10 data is a program	
	190~199	inner program 10	
	200~240	change color by sound control	
	241~255	strobe by sound control	

2.1.2. Basic channel model

channel	data	function
1	0~255	color 1 (red)
2	0~255	color 2 (green)
3	0~255	color 3 (blue)
4	0~255	color (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 $T_a = 45^{\circ}\text{C}$ must never be exceeded , The maximum housing temperature $T_b = 80^{\circ}\text{C}$ 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...