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SquareLED – Lumino 200W LED Fresnel RGBW

Manual | Lumino 200W LED Fresnel RGBW

Lumino 200W LED Fresnel RGBW

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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: AC 90V-240V, 50/60Hz
- Power Consumption: Max. 260W
- LED: 200W RGBW COB LED
- Features: with Auto Zoom
- LED Life time: over 50,000 hours
- Small volume, lightweight
- High quality optical system
- Beam Angel: 15-50°
- High-quality optical system , Glass reflector
- Control Mode: DMX, Auto run and Master/Slave
- DMX Channels: 5/10 CH
- Housing: Aluminum Alloy , Color: Black
- IP Rating: IP20 ,
- Warranty : One year
- N.W.:9.5 kgs
- G.W.: 11.5kgs
- Dimensions : 580x320x320mm

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1. Product Introduction

1.1.   PRODUCT FEATURES

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

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2. Operation

2.1. Menu Data

Menu		State
Main Menu	Setting	Operative Mode
		Speed of auto running
		DMX address
		DMX Channle 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

2.2. Key Operation

Vice Menu		State
Operative Mode	DMX	Slave: Receive DMX signal from control console or host
	Auto run 1	Master: Auto running and send signal to Slave lights
	Auto run 2	
	Auto run 3	
	Auto run 4	
	Sound mode	
Speed of auto run	0-99	From slow to fast, 99 is the fastest speed
DMX address	1~512	Press "ENTER" to edit state. Adjust ID address by the Key of Up/Down. Press "ENTER" to ensure again
DMX channel mode	10CH	Two kinds of channel modes, 10CH is the default of system, pls refer to the channel chart for data of each channel
	5 CH	
No DMX signal	maintain	Running by Original state
	Clear	Stop running

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	Turn off	Backlight always on
Screen Savers	blank screen	Backlight turn off after idle 10 seconds
	DMX address	ID address displayed after idle 10 seconds
Screen Rotation		Press"ENTER"twice, 180°flip screen display
Language switching		Press"ENTER" twice, switch between Chinese and English
Speed of Dimmer	Turn off	
	Dimmer 1	4 linear dimmer pattern: 1~4 (the fastest and slowest)
	Dimmer 2	
	Dimmer 3	
	Dimmer 4	
Manual mode		Press "ENTER" to Manual mode, Not receive control signals
System information		Press "ENTER" to ensure, View the version number and the elapsed time
Reset	Ensure/Cancel	Press "ENTER"to confirmation dialog box, then press"ENTER" again to reset motor. Press „Cancel" to exit the dialog box.
Restore the default settings	Ensure/Cancel	Press "ENTER"to confirmation dialog box, then press"ENTER" again to restore the default settings.Press „Cancel" to exit the dialog box.

2.2.1.   Language switching

Option	State
English/ Chinese	Pressed twice in a row „ENTER" button, switch in English/Chinese

2.2.2.   Screen Rotation

Option	State
180°flip screen display	Pressed twice in a row „ENTER" button, 180°flip screen display

2.2.3.　　System information

Option	State
Software Version NO.(Ver)	Displays the current version number of the software
Using of time	Displays the total using time information
Total using time	Displays the time using of this

2.2.4.　　Manual mode

Option	State	
Red		Press"ENTER"to edit. Change value by press UP/DOWN, press "ENTER" to ensure .
Green		
Blue	0~255	
White		
Zoom function		

2.2.5.　　Special Instructions

At the main menu, press "ENTER" to get in to Reset Calibration Interface, to micro debugging Gobo location. (Hide feature).

State	Operation
Focus Calibration	Press"ENTER"to edit, Calibration values can be set by the Key of UP/DOWN. Press "ENTER" to ensure .

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2.3. Channel data

2.2.1.Standard channel model (10CH)

Channel Mode		Function
1	0~255	dimmer
2	0~255	Red
3	0~255	Green
4	0~255	Blue
5	0~255	White
6	0~10	No strobe
	11~255	Speed of strobe (255 is the fastest speed)
7		Macroefficiency
	0~15	No Function
	15~34	Built-in programme 1
	35~54	Built-in programme 2
	55~74	Built-in programme 3
	75~94	Built-in programme 4
	95~114	Built-in programme 5
	115~134	Built-in programme 6
	135~154	Built-in programme 7
	155~174	Built-in programme 8
	175~194	Built-in programme 9
	195~214	Built-in programme 10
	215~234	Built-in programme 1-10
	235~255	Sound mode
8	0-255	Speed of Macroefficiency (channel 7), from slow to fast
9	0-255	Zoom function , from 15-50 degree
10	0-255	Speed of Zoom , 255 is the slowest

2.2.2.   Basic channel model (5CH)

Channel Mode	data	Function
1	0~255	Red
2	0~255	Green
3	0~255	Blue
4	0~255	White
5	0~255	Zoom (15-50 degree)

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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. 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°C must never be exceeded , The maximum housing temperature Tb = 80°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.

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APPENDIX

Problem and solution

Caution:

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

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

- If any above mentioned problem happened , or unknown problem happened , please contact manufacturer 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 in formations...

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