User's Manual

Thank you for using our Led PAR light, For your safety, please

read the User`s Manual carefully before operation.

Note: This Manual includes the important information of installation, ope-

rate as requested in the Manual, meanwhile, please keep the manual for

any unexpected requirement.

Ⅰ、Preface

This Manual includes the important information of installation and operation. Please install and operate the light according to the instructions strictly. And it must be power off when open the light or before repair.

A：Please read the complete contents of this manual（please keep this manual attach with the light for any preview）

B：In order to make sure the correct and safety installation、operation and maintenance, well know and follow to the instructions of Manual is necessary.

C：We will not take any responsibility to the light damage、property loss or body injure which caused by the incorrect installation、operation and maintenance.

NOTICE: The data which inside the Manual maybe changed due to the continuous improvement, and we'll not make another notice. We will keep the right to any specification update during improvement

Warning

Warning：it should be changed if the protection screen、lens or UV screen got a visible damage，e.g.：scratch or chasm.
the light should keep away from fire and water to avoid it get into the light.

Unpacking Instruction：

Please check if all the contents are completed after unpacking？then, check if the light is undamaged？Please you can keep the original package and return to the factory if it's damaged

Safety specifications

1) This device for indoor use only，the protection grade is:IP20

2) Installing of the light must keep a distance with any flammable objects by 5m at least. The distance between the light and the projected objects must be no less than 1m.

3) Please never directly install the light on the surface of the flammable objects.

4) The installation、operation and maintenance must be managed by the qualified professional, and make sure to operate it under the instruction of the Manual.

5) Make sure the work environment temperature of the light maximum 40℃，and minimum -20℃

6) The temperature of the light surface will up to 60℃ even under the normal cooling, so never

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touch it by hand.

7) The light was designed by electric shock protection type, and must connect to the power supply system which well earthed. Furthermore, the ground wire of the light must connect to the ground wire of the power supply system, ground wire interface of the light must well connect with the light body (or light must be well earthed)

8) Please check if the voltage is in accordance with the rated power before installing.

9) Please never use the power cable which was damaged the insulation cover, meanwhile, never put the power cable on any other wire. Please pull out the power cable by handle the plug when light is stop working or cleaning, never pull out it roughly or handle the wire directly.

10) The light doesn't include any spare parts for repair, please check if all the parts are well installed and screws are drove tightly before operating. It's prohibited to use the light when the cover is opened.

Notice：Please make sure it's power off before any installation、repair and clean!

Ⅱ、Technology Parameter

1) Control Channels：8 DMX Channels
2) Beam Angel：25°(15°45°optional)
3) Control Mode：AUTO、Master/Slave、DMX512
4) Working environment：-20℃-40℃
5) Mixing Color：RGBWmixin9 color
6) Appearance：Aluminium Shell
7) IP Grade：IP20
8) Power supply： AC 100-240V
9) Frequency：50-60Hz
10) LED Lamp：7pcsx4W(RGBW 4in1)

Ⅲ、Connection of power/wire/signal

The exclusive plug should be used between the connection of light and power. And please confirm if the rated voltage and frequency is accordance with the power supply or not. Please reduce the connected lights numbers in order to avoid any accident because of overlarge electric current during operation, it is suggested that connected lights should not be above 10pcs.

Make sure installation position is steady before fix the light. Professional clamp should be

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used when the light is reverse hanging, and drive the clamp into the screw hole which in the bracket of the light. Make sure the light will not fall from the truss, use the safety cable go through the truss and bracket of the light as a supporting, to avoid the light to fall down. There is no entrance to the work area during mounting. Periodically to check if the safety cable has fretted away or clamp is loosen. We will not take any responsibility which caused by the lighting fall of unsteady hanging.
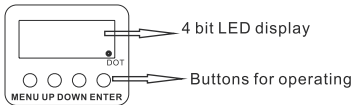
Warning:
It's prohibited to move the light by handle the clamp, please move the light by handle.
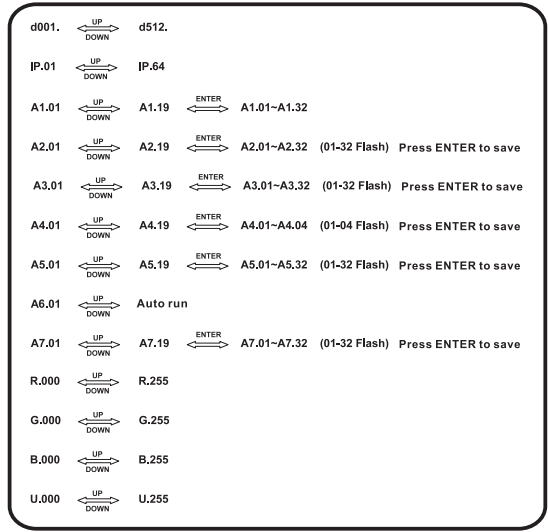
Ⅳ、Features

1. There are 4 buttons and 4 bit LED displays on the operation panel for choosing different working modes. Choosing certain working mode via pressing these buttons, and it shows up on the LED displays.

Ⅴ、Operation

1. When power is on, the digital LED display works with red dots, when there is inputting DMX signal, the dot will be shiny.

2. DMX address code setting: Press key "MENU", when the digital LED displays d001~d512, then press "UP" or "DOWN", you can set the address code. The code ranges from 001~512.

3. IP code setting: Press Key "MENU", when the digital LED displays IP.01~IP.64, then press "UP" or "DOWN", you can set the IP code. The code ranges from 01~64.

4. Internal program running:
There are 5 modes internal program for choosing. Press Key "MENU", you can choose internal mode A1~A5: A1 is to static color mode, A2 to LED jump function, A3 to LED rainbow function, A4 to LED sound active function, and A5 to LED strobe function
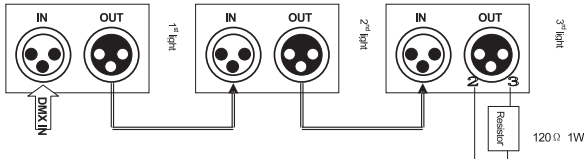A6 Auto run A7 scrolling effect

4 bit LED display

Buttons for operating

MENU UP DOWN ENTER

Button specifications:

d001.	UP DOWN	d512.
IP.01	UP DOWN	IP.64
A1.01	UP DOWN	A1.19 ←ENTER→ A1.01~A1.32
A2.01	UP DOWN	A2.19 ←ENTER→ A2.01~A2.32 (01-32 Flash) Press ENTER to save
A3.01	UP DOWN	A3.19 ←ENTER→ A3.01~A3.32 (01-32 Flash) Press ENTER to save
A4.01	UP DOWN	A4.19 ←ENTER→ A4.01~A4.04 (01-04 Flash) Press ENTER to save
A5.01	UP DOWN	A5.19 ←ENTER→ A5.01~A5.32 (01-32 Flash) Press ENTER to save
A6.01	UP DOWN	Auto run
A7.01	UP DOWN	A7.19 ←ENTER→ A7.01~A7.32 (01-32 Flash) Press ENTER to save
R.000	UP DOWN	R.255
G.000	UP DOWN	G.255
B.000	UP DOWN	B.255
U.000	UP DOWN	U.255

Ⅵ、Appendix

The light is available to receive the DMX512 signal, connect the DMX connector to the panel which marked with "DMX IN"，and connect it to the next light. then, connect to the "DMX IN" of next light from the "DMX OUT". The DMX signal terminator is recommended when the lighting signal is connecting. It will avoid to interfere the signal which caused by the electrical noise, DMX terminator is a XLR connector, connect with a 120Ω resistor between the pin 2 and pin 3 of the XLR connector, and connect it to the OUTPUT socket of the final light. see picture:

IN   OUT   1ˢᵗ light   IN   OUT   2ⁿᵈ light   IN   OUT   3ʳᵈ light

DMX IN

Resistor

120Ω 1W

DMX Channel Form

Channel	Value	Discription	Rmaind
CH1	0~10	No function	Macro function
	11~50	macro A1	
	51~100	macro A2	
	101~150	macro A3	
	151~200	macro A4	
	201~255	macro A5	
CH2	0~39	All color	Color choosing
	40~49	Red	
	50~59	Green	
	60~69	Blue	
	70~79	Yello	
	80~89	Cyan	
	90~99	Purple	
	100~109	White	
	110~119	Red + Green	
	120~129	Red + Blue	
	130~139	Red + White	
	140~149	Green + Blue	
	150~159	Green + White	
	160~169	Blue + White	
	170~179	Red + Green + White	
	180~189	Red + Blue + White	
	190~199	Green + Blue + White	
	200~209	Red + Green + Blue	
	210~255	Red + Green + Blue + White	
CH3	0~255	Speed Adjustable	
CH4	0~255	Master dimming	
CH5	0~255	Red dimming	
CH6	0~255	Green dimming	
CH7	0~255	Blue dimming	
CH8	0~255	White dimming	

Ⅶ、Faulty Disposal

Familiar Faulty	Disposal
No display when power is on	1. Check if the power is correctly connected
	2. Check the power supplier's output is DC24V
Light is out of control	1. Check if DMX address code is correctly set
	2. Check if the DMX cable is correctly connected
The light is off after working for a while	1. Check the sensor is soldering on the LED PCB
	2.Check the temperature is too high
	3. check the power supplier is demaged
The beam is dark obviously	1. Check if the temperature is too high, and cause a fast fade
	2. Check if there is too much dust on the surface of light