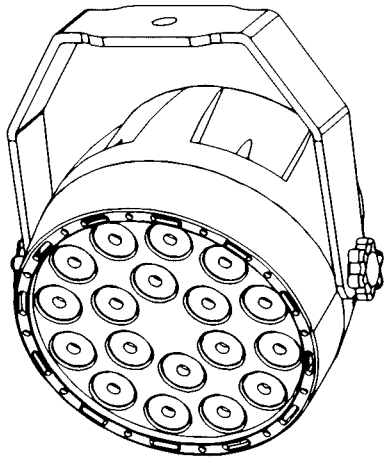

USER MANUAL

Thanks for choosing our products. And for your safety, kindly please read the USER MANUAL carefully before operation.

This Manual is possible for two Models:

1. RGB full color LED par light

2. UV single color LED par light

The difference between these two models is the light source—RGB color or single violet color.

This Manual is made for "RGB full color LED par light"; If you bought the "UV single color LED par light", when you reading the manual, please note: all the colors Red/Green/Blue or mixing colors, they are meaning---single violet color.

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.

①Please read the complete contents of this manual (Please keep this manual attach with the light for any preview.)

②In order to make sure the correct and safety installation, operation and maintenance, well know and follow to the instructions of Manual is necessary.

③We 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.

Ⅱ、Unpacking Instructions:

Please check if all the contents are complete after unpacking. Then check if the lights is undamaged. Kindly please keep the original package and return to the factory if it's damaged.

You should find the inside 6 items as follow:

1 x 18LEDs par light+1 x remote+1 x bracket+2 x screws+1 x instruction manual+1 x power cable

Ⅲ、Safety Specifications

① This device for indoor use only, the protection grade is IP64.

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 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 Make sure that available voltage is 110-240V.

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.

Ⅳ、Technology Specification

Number	Category	Specification
1	Control Channels	7 DMX Channels
2	Bean Angel	15°~45° optional
3	Control Mode	Auto, Master/Slave, DMX512
4	Working Environment	-20℃~40℃
5	Mixing Color	RGB mixing color
6	Appearance	Aluminium Shell
7	IP Grade	IP64
8	Power Supply	AC 110-240V
9	Frequency	50-60Hz

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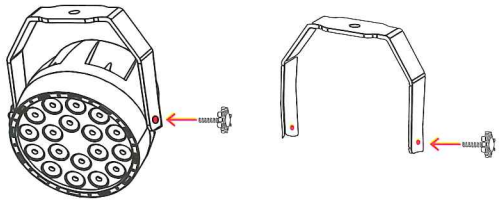
Ⅴ、Connection of power/wire/signal

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.

①Make sure installation position is steady before fix the light. Professional clamp should be used when the light is reverse hanging, and drive the clamp into the screw hole which in the bracket of the light.

②Make 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.

③Periodically 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.



NOTICE: It's prohibited to move the light by handle the clamp, please move the light by handle.

Ⅵ、Features

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.

Ⅶ、IR Remote Control

Please make sure the remote was correctly set with the batteries. You can use the remote within 15m in front of the light.

Key	Function				
MENU	Menu Change				
UP	Value Change				
DOWN	Value Change				
ENTER	Chose the digital or speed value selection and save.				
MODES	**EFFECTS**	**VALUES**	**PRESS**	**SPEED**	**NOTE**
A1	Single Color	1~10	None	None	Press UP or DOWN to change different single color
A2	Jumping Change	None	Enter	1~32	The larger the speed value, the faster the jumping change
A3	Fade	1~11	Enter	1~32	The larger the speed value, the faster the fading effect
A4	Sound Activated	1~11	Enter	1~4	The rhythm of the sound can control the effect of the changing lights
A5	Strobe	1~11	Enter	1~32	The larger the speed value, the faster the strobe effect
A6	Automatic	None	None	None	Automatic change from mode A1-A5
A7	Pulse Change	1~8	Enter	1~16	The smaller the speed value, the faster the pulse change
A8	Horse Racing (Master)	1~11	Enter	1~32	1. The larger the speed value, the faster the horse racing effect 2. In this mode, you can connect more lights to see the effect of horse racing function. When the Master light's setting A8 IP01, then set the Slave light's IP. e.g. Set the first salve light IP02, the second salve light IP03,...and so on till IP64.
R	Red Max Brightness Set	r000-r255	None	None	1. Change the value from 000-255, and 255 is the brightest; 2. Mixing color can be set by change the value.
G	Green Max Brightness Set	g000-g255			
B	Blue Max Brightness Set	b000-b255			

⑤ Channel Setting: please set the channel according to the following table,you can chose the channel you like:

Channel	FUNCTION	VALUES
1	Other channels work	0~10
	A1/Single Color	11~40
	A2/Jumping Change	41~70
	A3/Fade	71~100
	A4/Sound Activated	101~130
	A5/Strobe	131~160
	A6/Automatic	161~190
	A7/Pulse Change	191~220
	A8/Horse Racing	221-255
2	Color Selection	①0~40: Full colors ②41~255: Single Color change with spacing 20. (eg: 41~60 stays one color, 61~80 stays another color)
3	Mode Speed/Sound Activated Sensitive	0~255, 2 selections: ①32 speed selections with spacing 8 (eg: 0~8 the first speed, 9~18 the second speed,17~24 the third speed...) ②16 speed selections with spacing 16 (eg: 0~16 the first speed, 17~32 the second speed...)
4	Total Brightness	0~255
5	Red	0~255
6	Green	0~255
7	Blue	0~255

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 if the temperature is too high; 3. Check if the power supplier is damaged.
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 the light.

Q&A

Q: Will the fan be noisy?

A: The light has been improved with the advanced technology and it has efficiently cooling system.

Q: How far will the remote control?

A: Within 15m.

Q: Does the light remember the DMX values if powered off?

A: Yes. The value will save automatically when power off.

Q: Can one remote control multiple lights?

A: Yes, the remote is universal and one remote can control multiple lights.

If you have any questions, please contact us via your order number immediately, we will help you to solve the problem effectively.

Thank you very much!

①Power on/off ②Fade/A3

③Jumping Change/A2 ④Pulse/A7

⑤Strobe/A5 ⑥Sound/A4

⑦Auto/A6 ⑧All ON/A1

⑨Color: Select the lights effects such as Sound, Strobe, All on.

⑩ Speed: Control the lights speed in different modes such as Sound Activated, Strobe, Fade, Jumping, Pulse and Horse Racing.

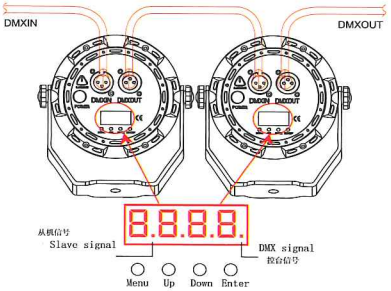
Ⅶ、Operation

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 digital displays d001, then press UP or DOWN, you can set the address code. The code ranges from d001~d512.

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

④ Internal Modes setting: please set the mode according to the following table, you can chose which mode you like:



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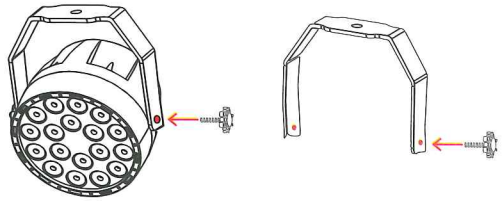

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