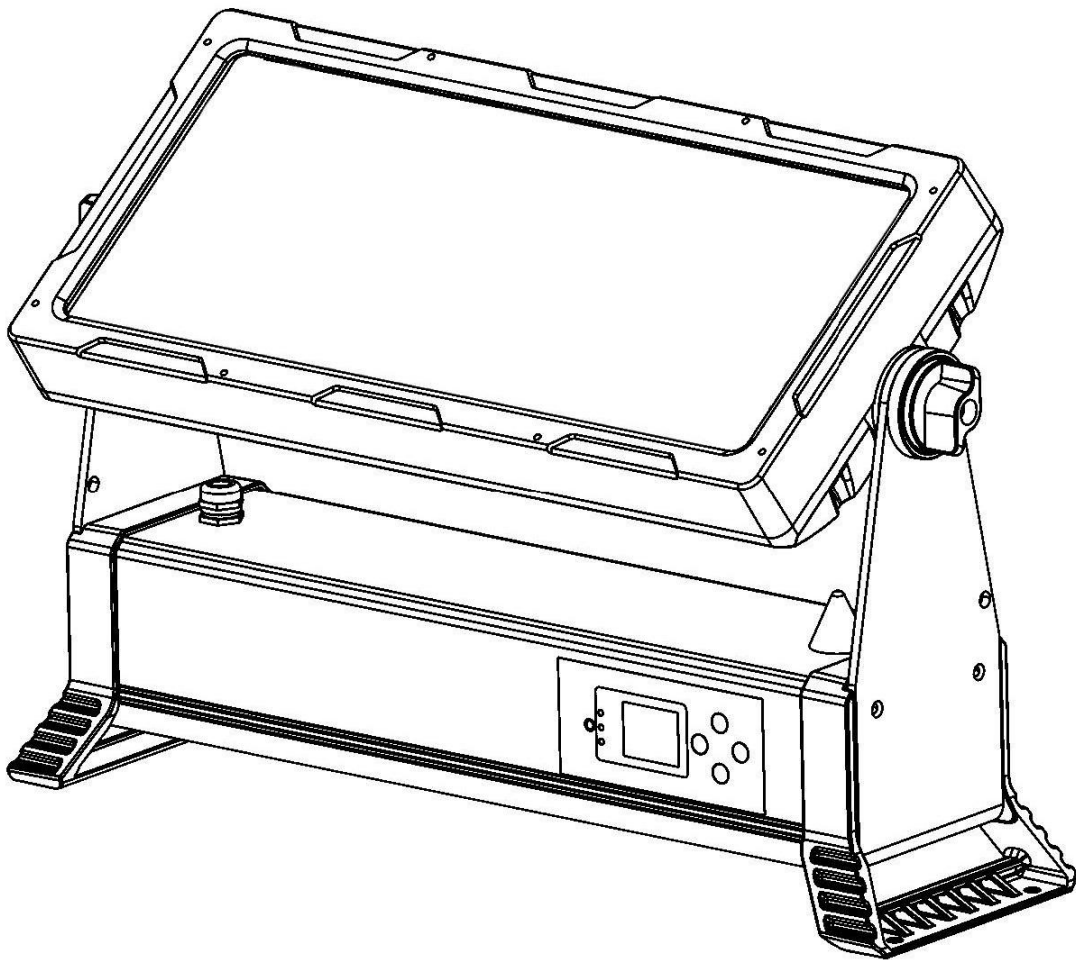


USER MANUEL

40*15W RGBW 4IN1 ZOOM LED WALL WASHER



CATALOGUE

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1. Safety Instruction



Warning

Please read this manual carefully, which includes important information about installation, using, and maintenance.

Please keep this manual as a future reference, if you sell the product to other users, make sure they have access to this manual as well.

- Before using the lighting, please check carefully to make sure that there is no damage caused by transportation. If yes, please do not use and contact the dealer for the first time.
- The installation and operation of lights should be carried out by professionals.
- Use safety harness when fixing equipment.
- The equipment must be installed in a well-ventilated area, at least 50 cm from the adjacent plane.
- Make sure the ventilation holes are unobstructed to avoid overheating when the lightings are working.
- Ensure that the power supply voltage is in line with the requirement of the equipment before operation.
- Please earth the conductive body in case of electric shock.
- Please do not use the light in more than 45 °C environment.
- The shortest distance between all exterior surface and combustible materials is 2.5m.
- It is forbidden to connect the lighting directly to the dimmer.
- A small amount of smoke or peculiar smell may occur during the work of the new lighting, which will disappear after a few minutes.
- Do not place combustible materials near the lighting when it is working, in case of fire danger.
- Please check whether the power line is broken before turning on the lighting, please replace it immediately if there is any damage.
- Lightings runtime surface temperature of 60 °C, please do not touch with bare hands.
- Avoid the metal and other conductive body into the interior of the lighting, so as to avoid electric shock or fire. If any foreign body enters the lighting, please cut off the power immediately.
- Avoid operation in dirty and dusty environment, and regularly clean and maintain the lighting.
- Children are not allowed to contact/operate lighting.

- Do not touch the wire when the lighting is working in case of electric shock.
- Avoid winding of power cord and other wire.
- Please use the same model when replacing the fuse.
- If there is a serious malfunction, please stop using it immediately.
- Please replace the lighting housing and lens when there is obvious damage.
- Please do not open the shell of the lighting without authorization.
- Please cut off the power when the lightings are not used or repaired for a long time.
- Please use the original packing material for re-shipment.
- To avoid fire or electric shock, do not expose the lighting to rain or wet areas.
- Please do not look directly when the lighting is working.

Warning

- Shut off for 5 minutes.
- The lighting housing, when the lens has obvious damage, please replace it in time.

If AC 230V~50Hz power supply is used, do not connect more than 3 lamps in series, please use another power supply to provide power for the next set of 3 lamp sets;

If AC 120V~60Hz power supply is used, do not connect more than 2 lamps in series. Please use another power source to provide power for the next set of 2 lamps.

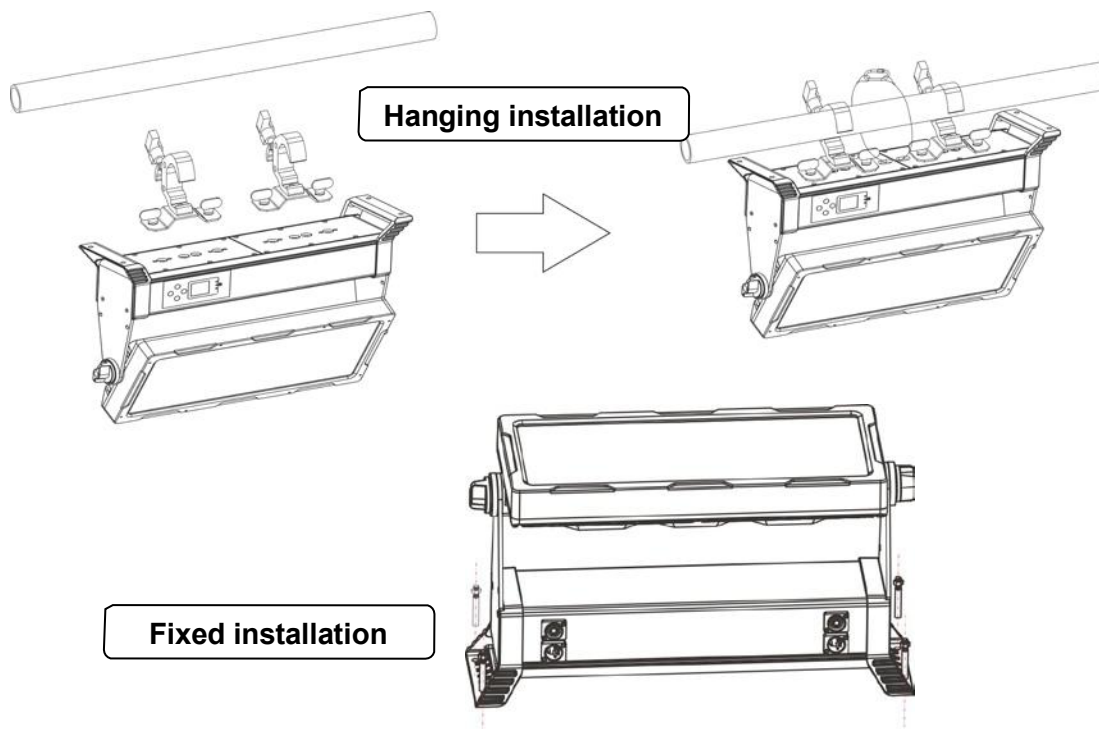
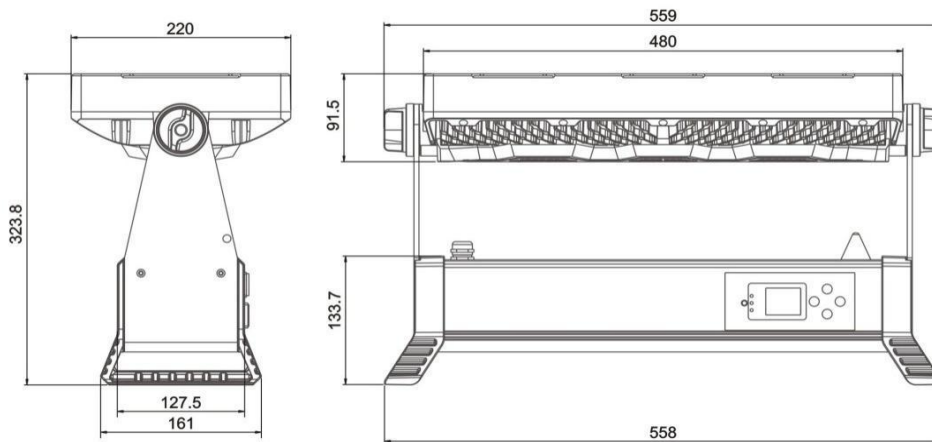
• Installation

The lightings should be screwed to the bracket. Make sure the installation is strong enough to prevent flicking and sliding at run time. Also make sure the fixtures are stable and support the weight of more than 10 times the equipment. At the same time, when the installation of the equipment, can use under 12 times the product of the weight of the safety rope.

Equipment must be installed by professionals. The lighting is to be installed on the human body, and there will be no passers-by or seats.

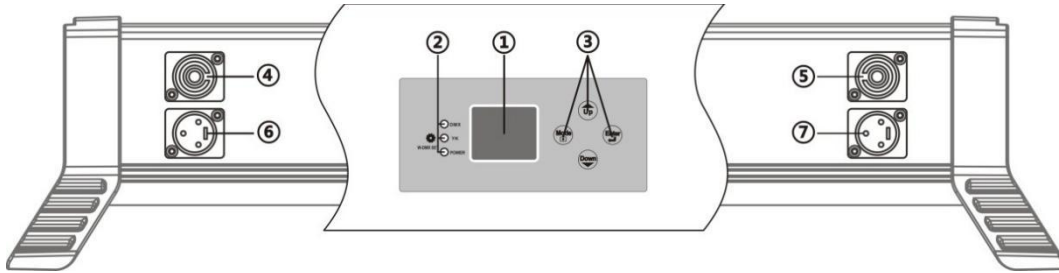
2. Technical specifications

- DMX Control: 8/12CH, total has four channel modes;
- 0~100% Smooth dimming, multiple stroboscopic speed;
- 3 Modes of operation: DMX, Auto, Master/Slave, Wireless-DMX ;
- LCD Display;
- Multiple built-in effect;
- Beam Angle: 8-60°;
- Power supply: AC100-240V, 50Hz-60Hz
- Power consumption: 600W
- Light source: 40x15W RGBW 4 in 1 LED
- Cover: Casting Aluminum
- Protection rate: IP65



3. How to set the lighting

Control Panel



① **LCD:** Displays menu options and selected features;

② **LED indicator light:**

DMX	On	When has DMX Signal input
YK	Cool white; Green; Cool blue	Wireless Mode
POWER	On	Power Light

③ **Button:**

MENU	Select Function
DOWN	Select the next menu option
UP	Select the previous menu option
ENTER	Confirm the selected function

④ **POWERCON Input:** connect lamp to supply power;

⑤ **POWERCON Output:** connect the next lamp and provide power;

⑥ **DMX Input:** input **DMX** signal using **3-core XLR** signal line;

⑦ **DMX Output:** connect the next lamp with the **3-core XLR** signal line and output the **DMX** signal;

Main Function

To select a preset feature, press the **MENU** button to select the **MENU** option you want. Press **ENTER** button to ENTER the selected function, the display screen will blink, then use the **UP/DOWN** button to select the desired function, press **ENTER** button to confirm. To return to the main **MENU**, press the **MENU** button.

The main functions are shown below:

English		Chinese		function	
1	DMX Addr	001	控制台地址	地址设置 001 /255	先按确定键进入，再按上下键调节地址码。按菜单键返回。
2	Key_AD J	R-ADJ	按键调光	红色亮度 000/255	按确定键进入，按上下键调节红光亮度，再按确定键确定。
		G-ADJ		绿色亮度 000/255	按确定键进入，按上下键调节绿光亮度，再按确定键确定。
		B-ADJ		蓝色亮度 000/255	按确定键进入，按上下键调节蓝光亮度，再按确定键确定。
		W-ADJ		白色亮度 000/255	按确定键进入，按上下键调节白光亮度，再按确定键确定。
3	Focus	000	调焦	000/255	按确定键进入，按上下键调节焦距，再按确定键确定。
4	Test Mode	DMX-chann el (8/12CH)	测试	DMX 通道选择 8/12CH	先按确定键进入，再按上下键选择通道模式。按菜单键返回。
		PROG	内置程序	内置程序 01/19	先按确定键进入，再按上下键选择内置程序。按菜单键返回。
		PROG-SPE ED	程序速度	程序速度 01/16	先按确定键进入，再按上下键选择内置程序速度。按菜单键返回。
		Auto test	自走测试		按菜单键返回到主菜单
		Sound1	声控 1		按菜单键返回到主菜单
		Sound2	声控 2		按菜单键返回到主菜单
		Sound3	声控 3		按菜单键返回到主菜单
5	Light adj	Normal/slow	灯光调节	缓慢/正常	按确定键进入，按上下键选择，再按确定键确定。
6	Display rotate	On/off	倒显	开/关	按确定键进入，按上下键选择，再按确定键确定。
7	LANGUAGE		中文		按确定键进入，按上下键选择中英文，再按确定键确定。
8	RESET		复位		按确定键复位，按菜单键返回

4. How to control the lighting

The lighting can be controlled in two ways as below:

1. The Master/Slave Machine Built-in Function;
2. DMX Controller.

No need to turn off the power of the lighting, and the new address code can be set immediately. Open the lighting, it began to receive DMX signal.

Master/Slave Built-in Function

Connected more than one lights in a line by DMX, please set the first light as Master, and other lights under Slave, now all the lights will work at same step or chasging effect.

Wireless connection Settings

1. Red indicator is flashing. -- WDMX is out of working.
2. Green indicator is on.-- WDMX is working fine.
3. The Blue indicator of Master unit is on, The green indicator of the slave units are on, when you use M/S mode .
4. Long-press WDMX sbutton in 5seconds ,- all WDMX settings will be cancelled.

Universal DMX Controller

When using the general DMX control controller to control the lighting, please set the starting address (1-512) for the light to receive the DMX letter number.

Press MENU button up to show Address, Press ENTER button, to show flashing; Use UP/DOWN button to select address code; Press ENTER to save or not save and return to the last menu; Please click the MENU button to return the Main Menu.

If you want to use this function, please refer to the DMX512 address of the first 4 lightings in the diagram below:

8 CHS Mode:	001、	009、	017、	025
12CHS Mode:	001、	013、	025、	037

5. DMX512 Channels

8 Channel Mode

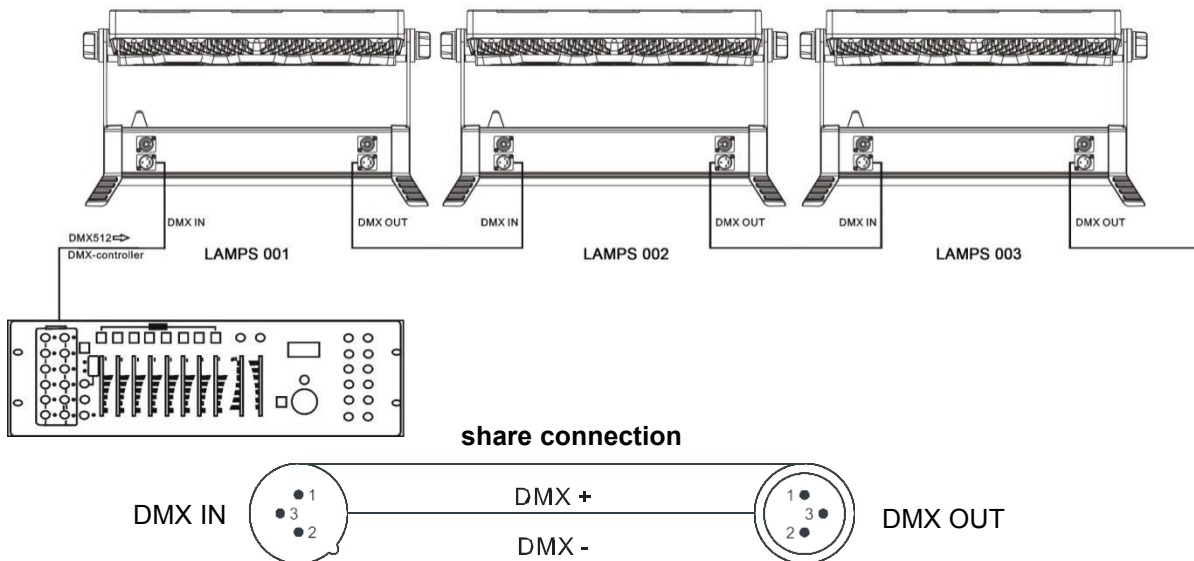
CHs	function	
1 CH	Dimmer	(0-255) 0-100% linear
2CH	Strobe	(0-255) slow-fast
3CH	R	(0-255) 0-100% linear
4CH	G	(0-255) 0-100% linear
5CH	B	(0-255) 0-100% linear
6CH	W	(0-255) 0-100% linear
7CH	ZOOM	(0-255) 8-60 zoom
8CH	SPEED OF ZOOM	(0-255) slow-fast

12Channel Mode

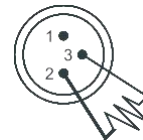
CHs	function	
1 CH	Dimmer	(0-255) 0-100% linear
2CH	Strobe	(0-255) slow-fast
3CH	R	(0-255) 0-100% linear
4CH	G	(0-255) 0-100% linear
5CH	B	(0-255) 0-100% linear
6CH	W	(0-255) 0-100% linear
7CH	Macro	(0-255) choose colors
8CH	Built-in programs	0-11 1-7CHs working ; 8-255 different built-in programs
9CH	Speed of 8CH	(0-255) fast to slow
10CH	ZOOM	(0-255) 8-60 zoom
11CH	SPEED OF ZOOM	(0-255) slow-fast
12CH	reset	(194-255) reset

6. DMX512 Connection

6.1 DMX512 connect DMX512



In order to reduce the signal error and avoid signal transmission problems or signal interference, a 120ohm 1/4W resistor can be added between the pin2 and pin3 of DMX connection of the last lighting.

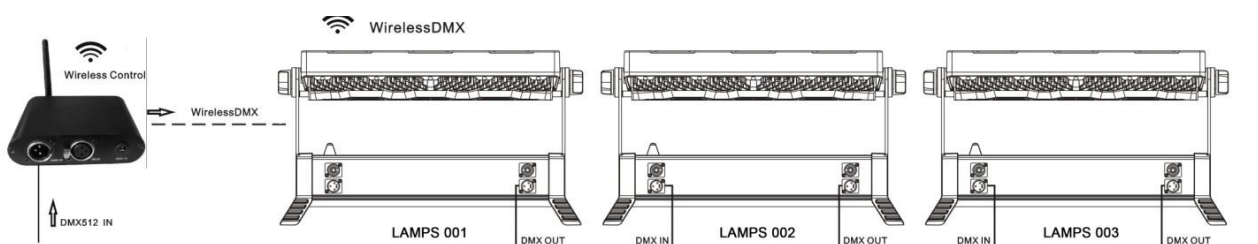


1. Connect the lighting with the XLR signal line, one end receives the outlet of the light, and the other end receives the input port of the next light. XLR signal lines can only be used in series, not in parallel. DMX512 signal transmission is very fast. The signal line is damaged, the welding place is not secure, the contact is not good, it will affect the signal transmission, causing the system to close.
2. When a unit of power supply circuit, DMX output and input is by-pass connection, so that can continue to maintain the DMX line connected.
3. On the last light, the DMX wire needs an amplifier. Welding a 120 - ohm quarter w resistor between pin2 and pin3, within XLR plugs into 3 - pin and insert it in the end of a light DMX.
4. Each light, want to have an address to receive information from the console, range between 0-512 (usually 0 and 1 and 1 equal).
5. The 3-core XLR connector is more common than the 5-core XLR.

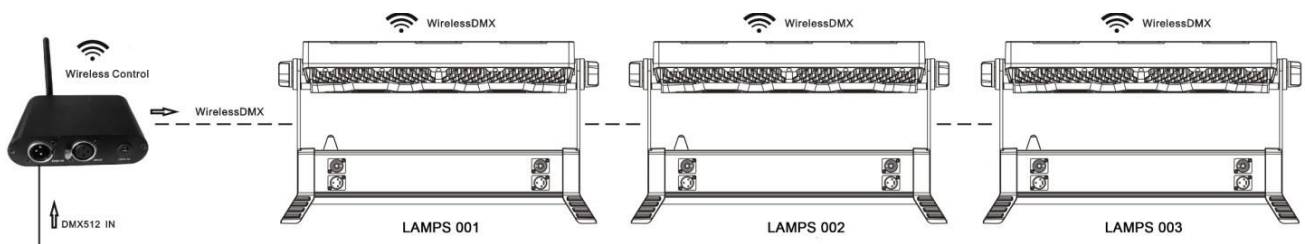
3 core XLR: PIN 1: GND, PIN 2: negative signal, PIN 3: positive signal.

5 core XLR: PIN 1: GND, PIN 2: negative signal, PIN 3: positive signal, Pin4/5: unused.

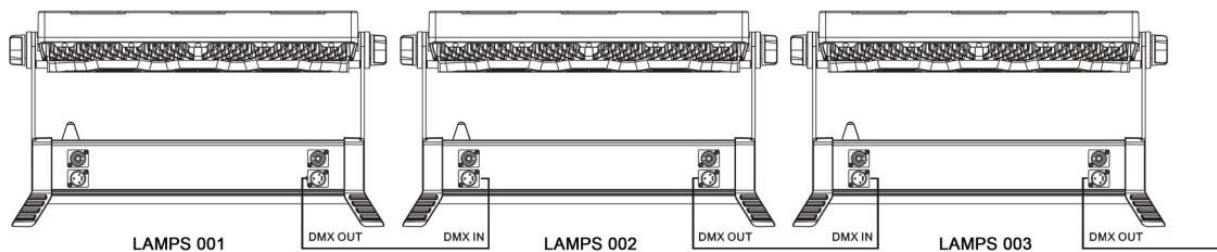
6.2 Wireless Signal connect DMX512



6.3 Wireless Signal connect Wireless Signal



6.4 Master/Slave Signal Connection



7. Fault Handling

Here are some of the problems that are common in working and some Suggestions for breaking down:

A. Lighting does not work, no lights.

1. Check the power contact condition and whether the fuse is in good condition.
2. Detect the voltage.

B. Out of Control by DMX

1. The DMX indicator must be on. If not, check the DMX signal connector and signal line to see if the connection is correct.
2. If the DMX indicator is on, but there is no response to channel control, and check the address code is set correctly.
3. If the DMX signal transmission is intermittent, to check if the Canon is in good connection with the signal line.
4. Try it again with another controller.
5. Check whether the DMX signal line is too close to the high voltage line, which can damage or interfere with the signal circuit.

C. Out of control by Sound

1. Make sure the light does not receive DMX signal.
2. Check if the microphone for damage.

D. One certain channel does not work

1. The drive line may be damaged or loose.
2. The drive circuit may be damaged.

8. Cleaning and maintenance

Lightings must be cleaned regularly so that the lighting effect is better. The cleaning frequency depends on the environment. Wet, smoggy, dirtier environments tend to dust the lenses.

- Use a soft linen and a special glass cleaner;
- Carefully wipe the cadres.
- Clean the exterior of the light once every 20 days at least once every 30 days or 60 days.