

SL-M1915-W With Halo

19x15W LED Zoom Wash Moving Head With Halo



This product manual contains important information about the safe installation and use of this projector. Please read and follow these instructions carefully and keep this manual in a safe place for future

User manual

Please read the instructions carefully before use

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STATEMENT

The product has well capability and intact packing when leave factory. All of the user should comply with warning item and manual, any misuse cause of the damages are not included in our guarantee, and also can not be responsible for any malfunction & problem owing to ignore the manual.

1.Safety Instruction

Please keep this User Guide for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.

Unpack and check carefully there is no transportation damage before using the unit.

Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.

It's important to ground the yellow/green conductor to earth in order to avoid electric shock.

The unit is for indoor use only. Use only in a dry location.

The unit must be installed in a location with adequate ventilation, at least 50cm from adjacent surfaces. Be sure that no ventilation slots are blocked. Disconnect main power before replacement or servicing.

Make sure there are no flammable materials close to the unit while operating as it is fire hazard.

Use safety cable when fixes this unit. DO NOT handle the unit by taking its head only, but always by taking its base.

Maximum ambient temperature is T_a : 40°C. DO NOT operate it where the temperature is higher than this Unit surface temperature may reach up to 85°C. DO NOT touch the housing bare-hand during its operation. Turn off the power and allow about 15 minutes for the unit to cool down before replacing or serving.

In the event of serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.

DO NOT touch any wire during operation as high voltage might be causing electric shock.

WARNING:

To prevent or reduce the risk of electrical shock or fire, do not expose the unit to rain or moisture.

DO NOT open the unit within five minutes after switching off.

The housing, the lenses, or the ultraviolet filter must be replaced if they are visibly damaged.

CAUTION:

There are no user serviceable parts inside the unit. DO NOT open the housing or attempt any repairs yourself. In the unlikely event your unit may require service, please contact your nearest dealer.

INSTALLATION:

The unit should be mounted via its screw holes on the bracket. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. And make sure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times of the unit's weight. Also always use a safety cable that can hold 12 times of the weight of the unit when installing the fixture.

The equipment must be fixed by professionals. And it must be fixed at a place where is out of the touch of people.

2. Technical Specification

Power Voltage: AC 100-240V, 50/60Hz

Power Consumption: 280W

Light Sources: High power 4in1 rgbw 15w x 19pcs LEDs + 60pcs 5050 3in1 RGB LEDs

Light source life: 50000 hours

Color Mxing: RGBW color mixing

Zoom angle: 8°-45°linear zoom

Dimming system: 0-100% linear adjustment

Strobe: 0.5-25Hz electronic strobe and random strobe

Control

DMX Channel: 17/25 Channels

Control Modes: DMX512, Auto, Master-Slave, Music

Construction

Display: LCD Display

DMX In/Out socket: 3-pin XLR sockets

Power Socket: Powercon in/out

Protection Rating: IP20

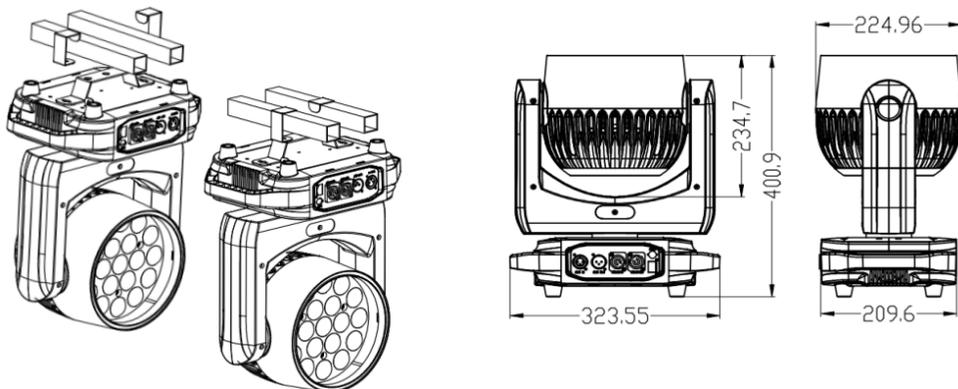
Size

Packing size: 460*290*370mm

Weight

Net Weight: 6.9Kgs

Gross Weight: 7.5Kgs



3.How to Control The Device

The DMX512 is widely used in intelligent lighting control, with a DMX 512 controller. connect several lights together, dmx in and dmx out, 3 pin XLR connectors: Pin 1: GND, Pin 2: Negative signal (-), Pin 3: Positive signal (+)

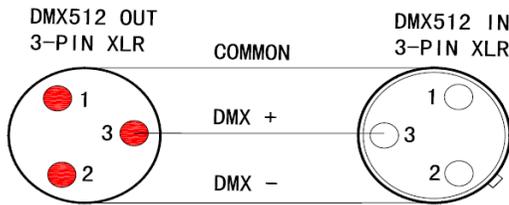
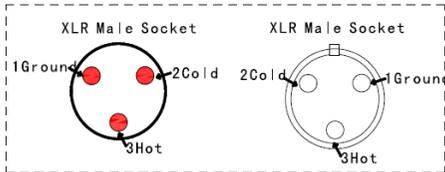


Figure2



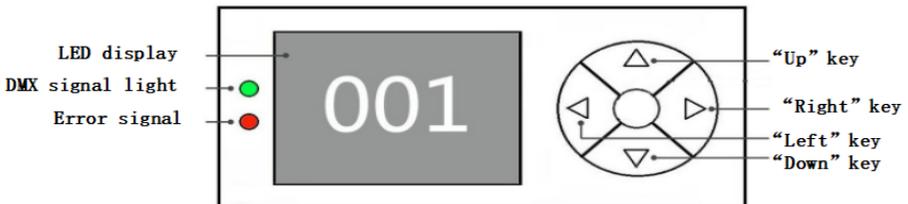
XLR Pin Configuration	
pin1	=Ground
pin2	=Data Compliment (negative)
pin3	=Data true (positive)

Display:

- MENU To select the programming functions
- DOWN To go backward in the selected functions
- UP To go forward in the selected functions
- ENTER To confirm the selected functions

Set DMX Address Code

1. Press **"Menu"** to "Set DMX Address", and press **"ENTER"** keys to enter into
2. Show "Set DMX Address DMX Address:001", Press the **"UP"** and **"DOWN"** keys to amended
- 3 Press **"ENTER"** keys to save and Exit, Press the **"MENU"** Keys does not save and Exit



"Up" and "down" keys: select, edit

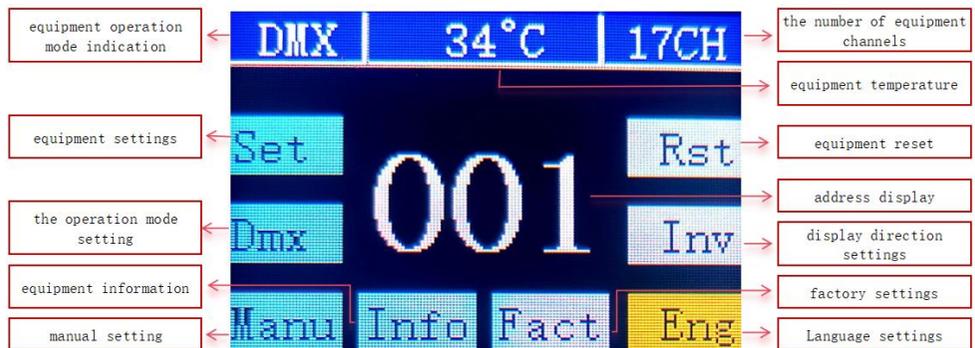
"Left" key: exit, return to the menu

"Right" key: perform functions, start editing, exit editing

The following is an example of "modifying the DMX address code" to describe the use of keys:

- 1、 if the current is not the main interface, press the "left" key (one or more times) to return to the main interface
- 2、 Under the main interface, press the "up" key or "down" key to select the "Settings" button
- 3、 Press the "right" key to enter the "Settings" interface
- 4、 in the "settings" interface, press the "up" key or "down" key to select the "DMX address"
- 5、 press the "right" key to enter the edit state
- 6、 press the "up" key or "down" key to modify the DMX address code
- 7、 Press the "Right" key to exit the editing state

2.2 Menu description



3.Function Description

Main interface	Set up	Parameter configuration
	DMXs/Automatic/Random/Voice Control	Operation mode configuration
	Manual	Manual mode
	information	Equipment information status monitoring and display

	factory	Factory parameter configuration
	Chinese	Language settings, switching between Chinese and English
	Display switching	Forward and backward display
	reset	reset a device
	DMX/AUTO/RAND/SOUN	Device operation mode indication
	temperature	LED Temperature display
	17CH/25CH	Device channel count indication
set up	DMX address	001-512
	Channel mode	Standard 17CH, Standard 25CH
	Voice sensitivity adjustment	0-100
	X reversal	On, off
	Y reversal	On, off
	XY exchange	On, off
	XY encoder	On, off
	No DMX	Keep, clear
	Screen on time	Chang Liang,10S,20S,40S,60S
	Screen brightness	20%,40%,60%,80%,100%
	Restore default settings	Confirm, cancel
Manual	X	000-255
	Y	000-255
	XY speed	000-255
	Dimming	000-255
	red	000-255
	green	000-255
	blue	000-255
	white	000-255

	strobe	000-255
	zooming	000-255
	auto	000-255
	X Fine tuning	000-255
	Y Fine tuning	000-255
	reset	000-255
	Light strip effect	000-255
	Light strip speed	000-255
Light information	DMX Channel value monitoring	X
		Y
		XYspeed
		dimming
		red
		green
		blue
		white
		strobe
		Zooming
		auto
		Auto speed
		X Fine tuning
		Y Fine tuning
		Reset
		Light strip effect
		Light strip speed
	System error records	Error record
LED temperature	Temperature display	
Using time	Using time	

	The lighting time	Lighting time
	DIS	Version number
	N	Version number
	XY	Version number
	Sensor detection	Focusing Hall state
		X-axis encoding disk status
		X-axis encoding disk step value
		Y-axis encoding disk status
		Y-axis encoding disk step value
	Reset calibration	X-axis calibration
		Y-axis calibration
		Focusing calibration
	Zero point correction of pattern color	On/Off
	LED maximum power	001-256
	Maximum LED temperature	50-80
	Prism stroke	000-255

4.DMX Channel Table

DMX 512 17CHs

Channel	Function	Value	Effect
1	Pan	0-255	0-540
2	Tilt	0-255	0-270
3	Pan/Tilt Speed	0-255	Pan/Tilt Speed
4	Dimmer	0-255	0-100% linear dimmer
5	Red	0 - 255	0-100%

6	Green	0 - 255	0-100%
7	Blue	0 - 255	0-100%
8	White	0 - 255	0-100%
9	Strobe	0-255	From slow to fast
10	Zoom	0-255	From big to small
11	Built-in Effect	0 - 9	Other function
		10-159	color options
		160-179	Led color gradient
		180-199	Led color jump
		200-219	Led circle control self-propelled
		220-239	Auto
		240-255	Sound
12	Speed	0-255	From fast to slow
13	Pan Fine	0-255	Pan Fine
14	Tilt Fine	0-255	Tilt Fine
15	Reset	250-255	Reset after 5s
16	LED Ring Effect	0-255	LED Ring Effect
17	LED Ring Speed	0-255	LED Ring Effect Speed

DMX 512 25CHs

Channel	Function	Value	Effect
1	Pan	0-255	0-540
2	Tilt	0-255	0-270
3	Pan/Tilt Speed	0-255	Pan/Tilt Speed
4	Dimmer	0-255	0-100% linear dimmer
5	Red 1	0 - 255	0-100%
6	Green 1	0 - 255	0-100%
7	Blue 1	0 - 255	0-100%
8	White 1	0 - 255	0-100%
9	Red 2	0 - 255	0-100%

10	Green 2	0 - 255	0-100%
11	Blue 2	0 - 255	0-100%
12	White 2	0 - 255	0-100%
13	Red 3	0 - 255	0-100%
14	Green 3	0 - 255	0-100%
15	Blue 3	0 - 255	0-100%
16	White 3	0 - 255	0-100%
17	Strobe	0-255	From slow to fast
18	Zoom	0-255	From big to small
19	Built-in Effect	0 - 9	Other function
		10-159	color options
		160-179	Led color gradient
		180-199	Led color jump
		200-219	Led circle control self-propelled
		220-239	Auto
		240-255	Sound
20	Speed	0-255	From fast to slow
21	Pan Fine	0-255	Pan Fine
22	Tilt Fine	0-255	Tilt Fine
23	Reset	250-255	Reset after 5s
24	LED Ring Effect	0-255	LED Ring Effect
25	LED Ring Speed	0-255	LED Ring Effect Speed

5.Trouble Shooting

Following are a few common problems that may occur during operation. Here are some suggestions for easy troubleshooting:

a. The unit does not work, no light and the fan does not work

1. Check the connection of power and main fuse.
2. Measure the mains voltage on the main connector.
3. Check the power on LED.

b. Not responding to DMX controller

1. DMX LED should be on. If not, check DMX connectors, cables to see if link properly.
2. If the DMX LED is on and no response to the channel, check the address settings and DMX polarity.
3. If you have intermittent DMX signal problems, check the pins on connectors or on PCB of the unit or the previous one.
4. Try to use another DMX controller.
5. Check if the DMX cables run near or run alongside to high voltage cables that may cause damage or interference to DMX interface circuit.

6. Fixture Cleaning

The cleaning of internal and external optical lenses and/or mirrors must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the unit's optics.

- **Clean with soft cloth using normal glass cleaning fluid.**
- **Always dry the parts carefully.**
- **Clean the external optics at least every 20 days. Clean the internal optics at least every 30/60 days.**