SL-S150-RGB+W

48+8 Segments RGB+W LED Strobe Light



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 reference.

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 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 Ta: 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: 200W

Light Sources: High power 5050 864pcs 0.2W RGB 3in1 LEDs

And High power 7070 96pcs 0.2W White 6500K LEDs

Control

DMX Channel: 4CH / 14CH / 54CH / 152CH

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

Display: LED Display、

Construction

Display: LED Display

DMX In/Out socket: 3-pin XLR in/out

Power Socket: Powercon in/out

Protection Rating: IP20

Size

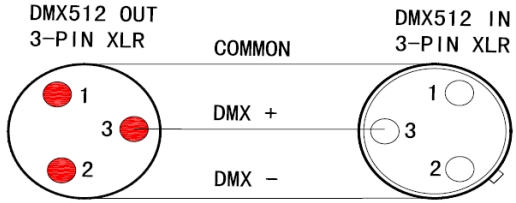
Packing Size: 455*67*265MM

Weight

Gross Weight: 3.5Kgs

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 (+)



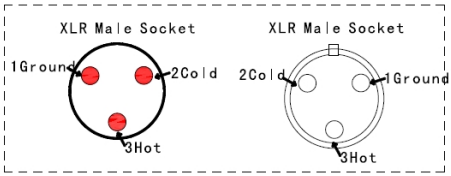


Figure2

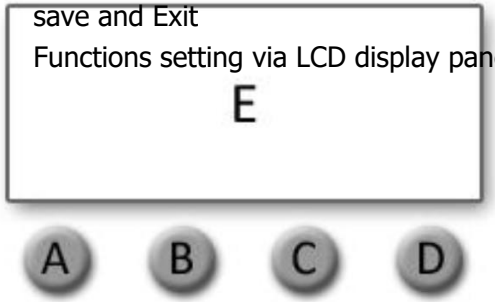
XLR Pin Configuration
pin1=Ground
pin2=Data Compliment(negative)
pin3=Data true(positive)

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
4 Functions setting via LCD display panel as below:



A. MENU
B. UP
C. DOWN
D. CONFIRM
E. DIGITAL DISPLAY WINDOW

Display:

MENU To select the programming functions **(press to unlock screen)**
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:

1. Press "**MENU**" to unlock screen, then select the "**DMX Address**" and press "**ENTER**".
2. Showing "**Set DMX Address 001**", Press the "**UP** or **DOWN**" key to increase or decrease the DMX address value.
3 Press "**ENTER**" to save and Exit, Press "**Cancel**" does not save and Exit.

Main Menu	Submenu 1	Submenu 2	remark
Addr	D001/D512		Address code, press the confirm key to enter submenu 1, up or down key to select the address code, and press the confirm key to save the address code.
CHAL	4/14/54/152		Channel, press Confirm to enter submenu 1, up or down arrow to select the channel, and press Confirm to save the channel.
AUTO	CA50	01-50	Press the Confirm button to enter submenu 1, press the Up or Down button to select the self-propelled type, then press the Confirm key to enter the submenu 2, press the Up or Down key to select the self-propelled speed, press the Confirm key to save the self-propelled type and self-propelled speed, and press the Menu key to return to the menu.
	CB50	01-50	
	CC50	01-50	
	CD50	01-50	
	CE50	01-50	
	CF50	01-50	
	CG50	01-50	
	CH50	01-50	
	CJ50	01-50	
	CL50	01-50	
	CN50	01-50	
	CO50	01-50	
	CP50	01-50	
	CQ50	01-50	
	CR50	01-50	
	CS50	01-50	
	CT50	01-50	
	CU50	01-50	
	CY50	01-50	
SOUD	SO01-SO99		Voice-activated mode
	r000	r000-r255	Red manual dimming

	g000	g000-g255	Green manual dimming
	b000	b000-b255	Blue manual dimming
	W000	b000-b255	Blue manual dimming
	c255	c000-c255	Effect mode
	t000	t000-b255	Strobe
Temp	C000	T085	thermoregulation
Rest	On/Off		Factory reset

4. DMX Channel Table

DMX 512 4CHs

Channel	Function	Value	Description
CH1	Red	0-255	Red Dimmer
CH2	Green	0-255	Green Dimmer
CH3	Blue	0-255	Blue Dimmer
CH4	White	0-255	White Dimmer

DMX 512 14CHs

Channel	Function	Value	Description
CH1	Dimmer	0-255	Dimmer
CH2	RGB Strobe	0-255	RGB Strobe
CH3	Ppattern Effect	0-255	The pattern pole. Numbers, letters, patterns, one pattern for every 3 values.
CH4	Color Effect	0-255	The Color pole,The color of the mode effect, 32 values a color, the last 32 values are 7 colors automatically change (dynamic mode effect

			has an effect).
CH5	Effect Direction	0-255	Effect Forward and reverse adjustment
CH6	RGB Auto Mode	0-228	RGB auto- mode, priority higher than the pattern pole, one mode for every 4 values
		229-255	Sound control mode
CH7	RGB Auto Speed	0-255	RGB auto speed from slow to fast
CH8	White Strobe	0-255	White Strobe
CH9	White Auto Mode	0-255	White Auto Mode
CH10	White Auto Speed	0-255	White auto speed from slow to fast
CH1	Red	0-255	Red from dark to bright
CH12	Green	0-255	Green from dark to bright
CH13	Blue	0-255	Blue from dark to bright
CH14	White	0-255	White from dark to bright

DMX 512 54CHs

Channel	Function	Value	Description
CH1	Red Dimmer	0-255	Red dimmer from dark to bright
CH2	Green Dimmer	0-255	Green dimmer from dark to bright
CH3	Blue Dimmer	0-255	Blue dimmer from dark to bright
CH4	RGB Strobe	215-255	RGB Strobe
CH5	White Dimmer	0-255	White dimmer from dark to bright
CH6	White Strobe	0-255	White Strobe 0
CH7	White LED 1 Segment	0-255	White LED 1 Segment
CH8	White LED 2 Segment	0-255	White LED 2 Segment
CH9	White LED 3 Segment	0-255	White LED 3 Segment
CH10	White LED 4 Segment	0-255	White LED 4 Segment
CH11	White LED 5 Segment	0-255	White LED 5 Segment
CH12	White LED 6 Segment	0-255	White LED 6 Segment

CH13	White LED 7 Segment	0-255	White LED 7 Segment
CH14	White LED 8 Segment	0-255	White LED 8 Segment
CH15	LED 9 Segment	0-255	LED 9 Segment
CH16	LED 10 Segment	0-255	LED 10 Segment
CH17	LED 11 Segment	0-255	LED 11 Segment
CH18	LED 12 Segment	0-255	LED 12 Segment
CH19	LED 13 Segment	0-255	LED 13 Segment
CH20	LED 14 Segment	0-255	LED 14 Segment
CH21	LED 15 Segment	0-255	LED 15 Segment
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……..	……..	……	……
……..	……..	……	……
……..	……..	……	……
……..	……..	……	……
……..	……..	……	……
CH50	LED 44 Segment	0-255	LED 44 Segment
CH51	LED 45 Segment	0-255	LED 45 Segment
CH52	LED 46 Segment	0-255	LED 46 Segment
CH53	LED 47 Segment	0-255	LED 47 Segment
CH54	LED 48 Segment	0-255	LED 48 Segment

DMX 512 152CHs

Channel	Function	Value	Description
CH1	Red LED 1 Segment	0-255	Red LED 1 Segment
CH2	Green LED 1 Segment	0-255	Green LED 1 Segment
CH3	Blue LED 1 Segment	0-255	Blue LED 1 Segment
CH4	Red LED 2 Segment	0-255	Red LED 2 Segment

CH5	Green LED 2 Segment	0-255	Green LED 2 Segment
CH6	Blue LED 2 Segment	0-255	Blue LED 2 Segment
CH7	Red LED 3 Segment	0-255	Red LED 3 Segment
CH8	Green LED 3 Segment	0-255	Green LED 3 Segment
CH9	Blue LED 3 Segment	0-255	Blue LED 3 Segment
CH10	Red LED 4 Segment	0-255	Red LED 4 Segment
CH11	Green LED 4 Segment	0-255	Green LED 4 Segment
CH12	Blue LED 4 Segment	0-255	Blue LED 4 Segment
CH13	Red LED 5 Segment	0-255	Red LED 5 Segment
CH14	Green LED 5 Segment	0-255	Green LED 5 Segment
CH15	Blue LED 5 Segment	0-255	Blue LED 5 Segment
……..	……	……	……
……..	……	……	……
……..	……	……	……
……..	……	……	……
……..	……	……	……
……..	……	……	……
CH50	Red LED 46 Segment	0-255	Red LED 46 Segment
CH51	Green LED 46 Segment	0-255	Green LED 46 Segment
CH52	Blue LED 46 Segment	0-255	Blue LED 46 Segment
CH53	Red LED 47 Segment	0-255	Red LED 47 Segment
CH54	Green LED 47 Segment	0-255	Green LED 47 Segment
CH141	Blue LED 47 Segment	0-255	Blue LED 47 Segment
CH142	Red LED 48 Segment	0-255	Red LED 48 Segment
CH143	Green LED 48 Segment	0-255	Green LED 48 Segment
CH144	Blue LED 48 Segment	0-255	Blue LED 48 Segment
CH145	White LED 1 Segment	0-255	White LED 1 Segment
CH146	White LED 2 Segment	0-255	White LED 2 Segment

CH147	White LED 3 Segment	0-255	White LED 3 Segment
CH148	White LED 4 Segment	0-255	White LED 4 Segment
CH149	White LED 5 Segment	0-255	White LED 5 Segment
CH150	White LED 6 Segment	0-255	White LED 6 Segment
CH151	White LED 7 Segment	0-255	White LED 7 Segment
CH152	White LED 8 Segment	0-255	White LED 8 Segment

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.**