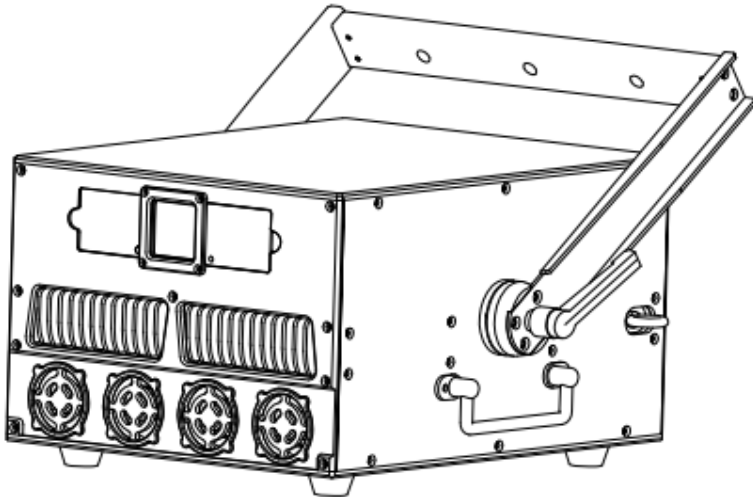


SLS-IL30W(RGB)

USER MANUAL



SLS-IL 30W (RGB) STAGE LIGHT

Please read this manual carefully before using the product

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1.Safety Guidance

Thank you for choosing our products. For your safety, please read this manual carefully before operation. This manual includes installation and use information.

The equipment is packaged in good condition when leaving the factory. Please operate according to the user manual. The machine failure caused by man-made reasons is not covered by the warranty.

1. When using the product, please open the light and check it carefully to ensure that there is no damage caused by transportation.
2. Don't let children operate this machine.
3. Use safe ropes when fixing the equipment and hold up the bottom when moving the light.
4. The equipment must be installed in a well-ventilated place.
5. Ensure that the ventilation holes are unobstructed to avoid overheating when the light is running.
6. Before operation, make sure that the power supply voltage matches the power supply voltage required by the equipment.
7. Please ground the conductor to prevent electric shock.
8. In case of fire, do not place combustible items next to light when they are running.
9. Please carefully check whether the power cord is damaged before turning on the light. If it is damaged, replace it immediately.
To avoid electric shock or fire, avoid flammable liquid, water, metal and other electrical conductors entering the light. If anybody enters the light, please cut off the power supply immediately.
- 10.Avoid operating the light in a dirty and dusty environment, and clean and

maintain the light regularly.

11. Do not touch the wire when the light is running to prevent electric shock.

12. Avoid entanglement of the power cord with other wires.

13. Do not open the light housing without authorization

14. Please cut off the power when the light is not used for a long time or for maintenance.

15. Do not look directly at the light when it is running.

2.Packing List

This series of products are packed in standard carton, air carton is optional, please read this manual carefully before using. Follow operating rules to avoid damage to light or bodily injury. Please handle the products carefully after receiving them, and check whether the products are damaged during transportation. Open the cover of the box, take out the relevant accessories in the box, take out the light, and place the light on a horizontal table to facilitate related operations. Note: Do not squeeze plastic parts to avoid breakage or distortion. Check the parts as follows:

Stage light 1pc cable 1pc manual 1pc

3.Installation Notes

1. When install this equipment please make sure there's no flammable surfaces (decorated things, etc) within at least 2.5M and maintain minimum distance of 0.5M from the equipment to the walls.

2. Before installation, please confirm whether the power supply voltage you are

using matches the voltage marked by the light.

3. Make sure that the ventilation fan and exhaust passage are not blocked by other equipment or decorative materials, such as newspapers, tablecloths, curtains, etc.

4. The equipment should be fixedly installed. To ensure the stability of its installation point, at least a load-bearing structure that can withstand more than ten times the weight of the product.

5. For safety reasons, this machine should be connected to a main socket with a ground wire.

4. Technical Parameter

1. Power supply: AC 110 ~220V 50/60Hz

2. Rated Power: <1000W

3. light color: ☐Single color ☐RGB

4. Working mode: Auto/DMX512/ master-slave/ILDA/User

5. DMX Control Channel: 5CH/17CH/18CH/27CH/52CH

6. Cool system: Intelligent air-cooling system

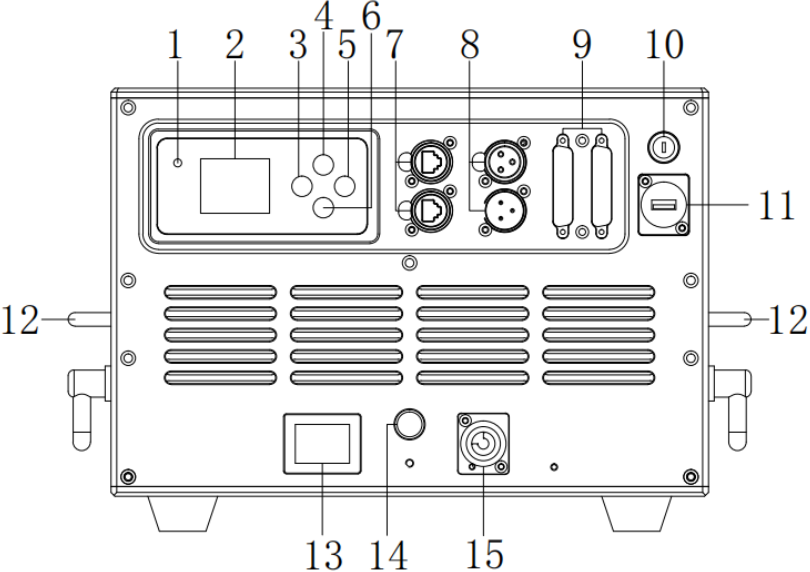
7. Working environment: indoor

8. Working temperature: 0°C - 35°C

9. N.W./G.W.:23.85kg/44kg

10. Package size:71*55*42cm.

5.Light Control Panel



NO.	Interface name	function
1	Red indicator light	No light /all light: The device system is in a crash state
		Flash: The device system is work state
	Green indicator light	No light: DMX512 signal not detected
		Flash: DMX512 signal detected
	Blue indicator light	No light: ILDA signal not detected
		All light: ILDA signal open or ILDA signal detected
Flash: ILDA signal detected and emitting light		
2	Menu display window	
3	↶ MENU Touch key-press	
4	▲ UP Touch key-press	

5	●ENTER Touch key-press
6	▼DOWN Touch key-press
7	RJ45-ILDA Art-net
8	XLR DMX-512 (IN/OUT)
9	DB25-ILDA (IN/OUT)
10	E-lock
11	USB power port (DC24V-OUT)
12	Side safety rope fixing sling
13	Power switch
14	Fuse
15	AC220V power input

6.Light Setting

Using touch keys and LCD menu display function, the menu operation is simple and easy to use. The system software is automatically loaded after startup, and the main menu interface is displayed.

Select the required function menu icon by touching the **▲UP** and **▼DOWN** buttons.

●ENTER, MENU touch the key to determine the selected function or return to the upper-level menu.

(After the screen is powered on, if no key operation is performed for a long time, the screen enters the standby state. Press ●ENTER to touch the key to wake up and unlock.)

6.1 OLED display control panel function menu setting, as following:

Menu	Secondary Menu	Third Menu	
Operation mode	Dmx mode	DMX address	(1-512)
		DMX Channel	5/17/18/27/52CH
		Value DMX	Change according to the selected channel mode (such as 27CH channel value display 1-27)
	Play mode	show	Show1-Scene effects, Show 2- beam effects Show 3- Special effects, Show 4-animation loops Animations can be played

		Master/slave	ON/OFF
	Test mode	Enable output	ON/OFF
		Test pattern	1-4
		Brightness	0-255
		Master size	0-255
	ILDA mode	ON/OFF	Turn on ILDA and only receive ILDA signal. The device will not emit light when running in other shows..
	User mode	Value setting (CH1-CH27 can customize the value of each channel of the	The program has a built-in console, restore the factory settings and save the data, such as clearing the data, press the reset option

		fixture)	
Master Set	Projector	Master size	0-255
		X Scale	0-255
		Y Scale	0-255
		Invert X	ON/OFF
		Invert Y	ON/OFF
		Swap XY	ON/OFF
	Color	Lamp house	RGB/One
		Red	0-255
		Green	0-255
		Blue	0-255
		Brightness	0-255
	Scan	15K-40K	scanner K number selection, the lower the K number, the more flashing the pattern will appear, and the playback effect will be out of sync if the device K number is different.
		Scan-safety ON/OFF	On, on one beam output
Display	Language	中文/EN	displays Chinese and English options
	LCD Invert	ON/OFF	180° rotation of the screen,
Defaults	Defaults Reset	ON/OFF	
	Factory	0-999	999 is reset

	Init		
Survey	Pan RST Error	ON/OFF	The X/Y scanner motor is stuck in a certain position and an error occurs, and the device will not emit light in any mode
	Tilt RST Error	ON/OFF	
	RS485 Error	ON/OFF	The reason for the error is that the control board is not powered on or the chip is broken or there is a problem with the signal line
	Version	display hardware	
		display software	
		Hardware control board code	The reason for the error is that the control board is not powered on or the chip is broken or there is a problem with the signal line
		Software control board code	
SysInfo	Operational	Current device mode	
	Channel Num	Current device channel	
	DMX address	Current device dmx address	
	Scene version	Current device effect version	
	Animation Ver	Current device Animation effect	
	Temperature	Current device house current device temp	

7.Light Control mode

ILDA control mode

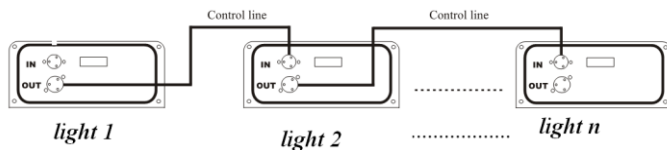
Use DB25 ILDA signal line to connect the device, the device will receive ILDA signal first, ILDA signal has the highest priority:
ILDA>DMX512

DMX512 control mode

Set the DMX512 address code, the light will receive the standard DMX512 signal

Master—In the main menu, press the buttons to enter and select the "System Settings" menu / the host is set to ON (default is OFF), and the light is the host at this time.

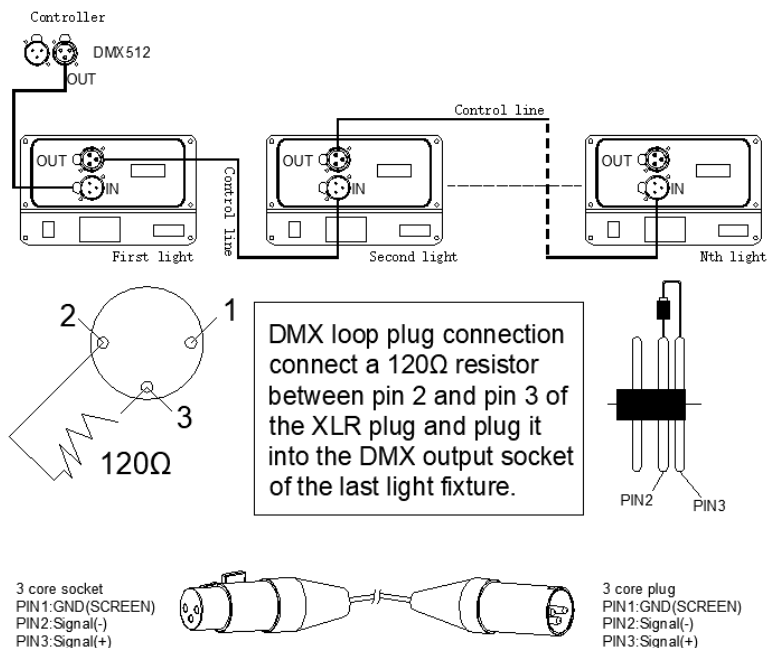
Slave—In the main menu, press the buttons to enter and select the "System Settings" menu / the slave is set to OFF (default is OFF), press the BACK button to return to select the "DMX Address" menu. DMX address is set to 001 and the light is the slave.



User mode--- the numerical lights of each channel can be controlled through the operation interface.

8.DMX512 Control

8.1 DMX512 Connect



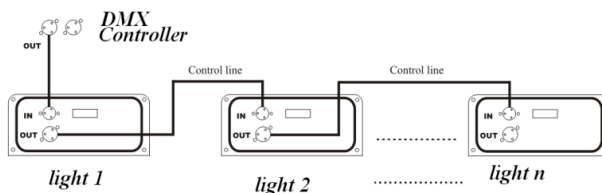
1. In order to reduce signal errors and avoid signal weakening or interference during transmission, a 120Ω resistance loop can be inserted between the 2 cores and the 3 cores of the DMX output terminal of the last machine.
2. Connect the light with XLR signal, one end is connected to the output port of the light, and the other end is connected to the input port of the next light. XLR signal lines can only be used in series, not in parallel. DMX512 signal transmission speed is very fast. Damage to the signal line, weak welding, poor contact, etc., will affect the signal transmission and cause the system to shut down.

3. When a unit of machine power disconnect, DMX output or input connection is bypass, in order to maintain the DMX line and connectivity.
4. Each light must have an address code, which can receive the information sent by the console, ranging from 1 to 512.
5. The terminal of the DMX512 system needs to be equipped with a terminator to reduce signal transmission errors.
6. The 3-pin XLR connector is more common than the 5-pin XLR:
 - 3 pin XLR: PIN1: GND, PIN2: - Signal , PIN3: + Signal
 - 5 pin XLR: PIN1: GND, PIN2: - Signal, PIN3: + Signal, PIN4/PIN5: No USE

8.2 Chanel setting:

Press down the knob to enter Menu Mode, select Operation Mode /DMX-512 DMX mode (5/17/18/27/52CH), select the channel mode you want, and press down the knob to confirm.

Connect the XLR control line from the DMX output of the controller to the DMX input of each luminance, and so on until all the luminance are connected, and then connect the loop plug to the signal output of the last luminance to complete the connection ,As following :



When using any controller, each device must have its own address code. So, if the address of the first light is set to 1 and the address code of the second

light is set to 6/18/19/28/53 and the address code of the first light is set to 1 plus 5/17/18/27/52 channels, the third light is set to 11/35/37/55/105CH. And so on (this setting also needs to be determined according to different console, now only according to the general convention).

Specific dmX-512 signal control mode address code switch Settings are as follows:

Light NO.	Start Address	Display (ON)
1	1	1
2	6/18/19/28/53	006/018/019/028/053
3	11/35/37/55/105CH	011/035/037/055/105CH
⋮	⋮	⋮

8.3 DMX-512 Channel introduce:

The IPLAY mode of this light has 5 modes 5/17/18/27CH/ 52CH (the channel mode can be selected in the system setting → channel setting).

5CH

Channel		value	Content
CH1	Cue mode	0 ~ 31	OFF (blackout)
		32 ~ 63	Manual choose cue
		64 ~ 95	Auto trigger macro function
		96 ~ 127	Sound trigger macro function
	SD Card	128 ~ 255	Please read SD card 5CH on page 28
CH2	Dimmer	0 ~ 255	Brightness 0% ~ 100%
CH3	List (CH1: 32 ~	0 ~ 255	List :each 32 value be 1 list, 8 lists total.

	63)		List: when the value is 0, all loop, 1-255 ,each 3 value be 1 macro function, 85 macro function total.
	Macro effect (CH1: 64 ~ 95)		
CH4	cue	0 ~ 15	OFF (blackout)
		16 ~ 255	each 12 value be 1 cue, 20 cues total.
CH5	zoom	0 ~ 255	100% ~ 0%

17CH:

Channel	Content		
CH1	Cue mode	0 ~31	OFF (Blackout)
		32 ~63	Manual choose cue
		64 ~95	Auto trigger macro function
		96 ~127	Sound trigger macro function
	SD card	128 ~255	Please read SD card 17CH on page 29
CH2	dimmer	0 ~255	0%- 100%
CH3	red	0 ~255	0%- 100%
CH4	green	0 ~255	0%- 100%
CH5	blue	0 ~255	0%- 100%
CH6	List (CH1: 32 ~ 63)	0 ~ 255	List :each 32 value be 1 list, 8 lists total.
CH7	Cue	0 ~15	OFF (Blackout)
		16 ~255	Each 12 value be 1 cue, 20 cues

			total;		
CH8	X position	0 ~255	Left- right (128 center)		
CH9	Y position	0 ~255	Up - down (128 center)		
CH10	Rotation	0 ~255	Clockwise rotation (0°-360°)		
CH11	Zoom	0 ~255	100% - 0%		
CH12	X flip	0 ~255	Left - right		
CH13	Y flip	0 ~255	Up - down		
CH14	Color	0 ~7	default	8 ~15	white
		16 ~23	red	24 ~31	yellow
		32 ~39	green	40 ~47	cyan
		48 ~55	blue	56 ~63	purple
		64 ~127	Each 8 value be 1 color effect, 8 effects total		
		128 ~143	Macro 1	144 ~159	Macro 2
		160 ~175	macro 3	176 ~191	macro 4
		192 ~207	macro 5	208 ~223	macro 6
		224 ~239	macro 7	240 ~255	macro 8
CH15	Write in	0 ~255	100%-0		
CH16	Deformation	0 ~15	Invalid		

		16~223	Each 15 value be 1 macro effect, total 13 effects, (match CH11 zoom)		
		224 ~255	default		
CH17	Wave	0	invalid	1 ~39	macro 1
		40 ~79	macro 2	80 ~119	macro 3
		120 ~159	macro 4	160 ~199	macro 5
		200 ~255	macro 6		

18CH

Channel	Content		
CH1	Cue mode	0 ~31	OFF (Blackout)
		32 ~63	Manual choose cue
		64 ~95	Auto trigger macro function
		96 ~127	Sound trigger macro function
CH2	dimmer	0 ~255	0%- 100%
CH3	List (CH1: 32 ~ 63)	0 ~ 255	List :each 32 value be 1 list, 8 lists total.
	Macro effect (CH1: 64 ~ 95)		List: when the value is 0, all loop, 1-255 ,each 3 value be 1 macro function, 85 macro function total.
CH4	Cue	0 ~15	OFF (Blackout)

		16 ~255	Each 12 value be 1 cue, 20 cues total;		
CH5	X position	0 ~255	Left- right (128 center)		
CH6	Y position	0 ~255	Up - down (128 center)		
CH7	Zoom	0 ~255	100% - 0%		
CH8	X flip	0 ~255	Left - right		
CH9	flip	0 ~255	Up - down		
CH10	color	0 ~7	default	8 ~15	white
		16 ~23	red	24 ~31	yellow
		32 ~39	green	40 ~47	cyan
		48 ~55	blue	56 ~63	purple
		64 ~127	Each 8 value be 1 effect, 8 effects total.		
		128 ~143	macro 1	144 ~159	macro 2
		160 ~175	macro 3	176 ~191	macro 4
		192 ~207	macro 5	208 ~223	macro 6
		224 ~239	macro 7	240 ~255	macro 8
CH11	Deformation	0 ~15	invalid		
		16~31	Each 15 value be 1 macro effect, total 13 effects, (match CH7, CH16 zoom)		
		224 ~255	default		
CH12	Wave	0	invalid	1 ~39	macro 1
		40 ~79	macro 2	80 ~119	macro 3
		120 ~159	macro 4	160 ~199	macro 5

		200 ~255	macro 6		
CH13	X position	0	valid	1 ~32	macro 1
		33 ~64	macro 2	65 ~96	macro 3
		97 ~128	macro 4	129 ~160	macro 5
		161 ~192	macro 6	193 ~224	macro 7
		225 ~255	macro 8		
CH14	Y position	0	invalid	1 ~32	macro 1
		33 ~64	macro 2	65 ~96	macro 3
		97 ~128	macro 4	129 ~160	macro 5
		161 ~192	macro 6	193 ~224	macro 7
		225 ~255	macro 8		
CH15	Z rotation	0	invalid	1 ~32	macro 1
		33 ~64	macro 2	65 ~96	macro 3
		97 ~128	macro 4	129 ~160	macro 5
		161 ~192	macro 6	193 ~224	macro 7
		225 ~255	macro 8		
CH16	Zoom	0	invalid	1 ~32	macro 1
		33 ~64	macro 2	65 ~96	macro 3
		97 ~128	macro 4	129 ~160	macro 5
		161 ~192	macro 6	193 ~224	macro 7
		225 ~255	macro 8		
CH17	X flip	0	invalid	1 ~32	macro 1
		33 ~64	macro 2	65 ~96	macro 3
		97 ~128	macro 4	129 ~160	macro 5
		161 ~192	macro 6	193 ~224	macro 7

		225 ~255	macro 8		
CH18	Y flip	0	invalid	1 ~32	macro 1
		33 ~64	macro 2	65 ~96	macro 3
		97 ~128	macro 4	129 ~160	macro 5
		161 ~192	macro 6	193 ~224	macro 7
		225 ~255	macro 8		

27CH/ 52CH:

Channel		Content	
27CH	52CH		27CH single cue, 52CH double cue
CH1		0 ~31	Blackout(off)
		32 ~63	Manual choose cue
		64 ~95	Auto play macro function
		96 ~127	music trigger macro function
CH2		0 ~255	Brightness 0% ~ 100%
CH3	CH28	0 ~255	Red brightness 0% ~ 100%
CH4	CH29	0 ~255	Green brightness 0% ~ 100%
CH5	CH30	0 ~255	Blue brightness 0% ~ 100%
CH6	CH31	0 ~255	Each 32 value be one page,total 8 page (CH1= 32-63 is valid)
			List: when the value is 0, all loop, 1-255 ,each 3 value be 1 macro function, 85 macro function total. (CH1= 64-95 is valid)
CH7	CH32	0 ~15	OFF (blackout)
		16 ~255	each 12 values be one cue, total 20 cues;

CH8	CH33	0 ~255	From left to right (128 center)				
CH9	CH34	0 ~255	X axis fine position				
CH10	CH35	0 ~255	From bottom to top (128 center)				
CH11	CH36	0 ~255	Y axis fine position				
CH12	CH37	0 ~255	Clockwise rotation (0°-360°)				
CH13	CH38	0 ~255	Fine rotation				
CH14	CH39	0 ~255	Zoom, From 100% to 0%				
CH15	CH40	0 ~255	From left to right (X rotation)				
CH16	CH41	0 ~255	From bottom to top(Y rotation)				
CH17	CH42	Choose color					
		0 ~7	Default color	8 ~63	7 pcs different color		
		64 ~127	Each 8 value be one effect, total 8 effect				
		128 ~143	Macro function 1	144 ~159	Macro function 2		
		160 ~175	Macro function 3	176 ~191	Macro function 4		
		192 ~207	Macro function 5	208 ~223	Macro function 6		
		224 ~239	Macro function 7	240 ~255	Macro function 8		
CH18	CH43	0 ~255	Visible point 100%-0%-0				
CH19	CH44	Pattern Deformation (with zoom channel (14) (25))					
		0 ~15	Invalid	16 ~31	Macro function 1	32 ~47	Macro function 2
		48 ~63	Macro function 3	64 ~79	Macro function 4	80 ~95	Macro function 5
		96 ~111	Macro function 6	112 ~127	Macro function 7	128 ~143	Macro function 8
		144 ~159	Macro function 9	160 ~175	Macro function 10	176 ~191	Macro function 11

		192 ~207	Macro function 12	208 ~223	Macro function 13	224 ~255	Default
CH20	CH45	Wave mode(when value=0 Invalid)					
		1 ~39	Macro	40 ~79	Macro	80 ~119	Macro
		120 ~159	Macro	160 ~199	Macro	200 ~255	Macro
CH21	CH46	Write in (when value=0 Invalid)					
		1 ~42	Macro function 1	43 ~84	Macro function 2	85 ~126	Macro function 3
		127 ~255	Strobe mode (from slow to fast)				
CH22	CH47	X horizontal position (when value=0 Invalid)					
		0	Invalid	1 ~32	Macro function 1	33 ~64	Macro function 2
		65 ~96	Macro function 3	97 ~128	Macro function 4	129 ~160	Macro function 5
		161 ~192	Macro function 6	193 ~224	Macro function 7	225 ~255	Macro function 8
CH23	CH48	Y Vertical position (when value=0 Invalid)					
		0	Invalid	1 ~32	Macro function 1	33 ~64	Macro function 2
		65 ~96	Macro function 3	97 ~128	Macro function 4	129 ~160	Macro function 5
		161 ~192	Macro function 6	193 ~224	Macro function 7	225 ~255	Macro function 8
CH24	CH49	Rotation (when value=0 Invalid)					
		0	Invalid	1 ~32	Macro	33 ~64	Macro

					function 1		function 2
		65 ~96	Macro function 3	97 ~128	Macro function 4	129 ~160	Macro function 5
		161 ~192	Macro function 6	193 ~224	Macro function 7	225 ~255	Macro function 8
CH25	CH50	Zoom (when value=0 Invalid)					
		0	Invalid	1 ~32	Macro function 1	33 ~64	Macro function 2
		65 ~96	Macro function 3	97 ~128	Macro function 4	129 ~160	Macro function 5
		161 ~192	Macro function 6	193 ~224	Macro function 7	225 ~255	Macro function 8
CH26	CH51	X Rotation (when value=0 Invalid)					
		0	Invalid	1 ~32	Macro function 1	33 ~64	Macro function 2
		65 ~96	Macro function 3	97 ~128	Macro function 4	129 ~160	Macro function 5
		161 ~192	Macro function 6	193 ~224	Macro function 7	225 ~255	Macro function 8
CH27	CH52	Y Rotation (when value=0 Invalid)					
		0	Invalid	1 ~32	Macro function 1	33 ~64	Macro function 2
		65 ~96	Macro function 3	97 ~128	Macro function 4	129 ~160	Macro function 5
		161 ~192	Macro function 6	193 ~224	Macro function 7	225 ~255	Macro function 8

9.Built in effect list

	DMX数值	图案组1	图案组2	图案组3	图案组4	图案组5	图案组6	图案组7
	↓ →	0-31	32-63	64-95	96-127	128-159	160-191	192-223
图案	0-15	无效 (闭光)						
图案1	16-27							
图案2	28-39							
图案3	40-51							
图案4	52-63							
图案5	64-75							
图案6	76-87							
图案7	88-99							
图案8	100-111							
图案9	112-123							
图案10	124-135							
图案11	136-147							

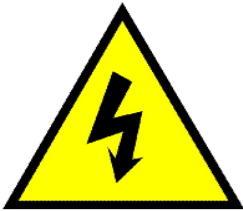
图案12	148-159							
图案13	160-171							
图案14	172-183							
图案15	184-195							
图案16	196-207							
图案17	208-219							
图案18	220-231							
图案19	232-243							
图案20	244-255							

10.Maintenance

1. Maintenance should be performed every 15-day period, by using a sponge which is dipped with alcohol, rather than wet cloth or other chemical liquid, to clean the mirror. Always disconnect from the power when the device is not in use or before cleaning it.
2. Cooling fan cleaning: Use compressed air to clean the fan of the device. The fan position plays a vital role in the normal operation of the device. Please ensure the normal operation of the fan.
3. When the equipment is used frequently, the fan should be cleaned every 1 month, or in a dusty and oily environment, the number of cleanings should be increased. The actual operation should be implemented according to the application environment of the equipment to ensure the normal operation of the fan.
4. Internal optical cleaning: cleaning internal optical components requires professional authorized technicians to operate. Incorrect cleaning techniques or improper cleaning choices can cause serious damage to the equipment. Since the optical part and the rest of the light source system are separated and sealed, this operation should not be performed more than once a year.

11.Warning and Declaration

Do not look directly at the light source with your eyes when turning on the light. Before any installation and maintenance work, please make sure that the power has been cut off.



电学安全

Electrical safety



光学安全

Optical security

Product common breakdown comparative chart	
Break down cause	Major breakdown analysis and solution
The light no emitting or no work	1. Check the power cable whether to connect the light, whether the fuse does burn out 2. Check the input voltage whether to assign the voltage match with the light. Check work order is normal reset or not.
No sound control	1.Check whether the keys on the display screen are set to the voice control mode according to the instructions. 2. If the sound sensitivity value is small, select a

	larger value.
The light can emit light normally and is not controlled by the controller	<ol style="list-style-type: none"> 1.Check whether the start address code of the display screen of the light is set correctly. 2.Check whether the XLR signal is damaged.
Master-slave synchronization mode, the master is normal, and the slave is abnormal	<ol style="list-style-type: none"> 1.Confirm that there is only one host, and the host is not connected to the DMX console, and set to voice control or auto-propelled mode. 2.There is still a problem with the correct master and slave settings, please check the online line.
Button failure, no work	<ol style="list-style-type: none"> 1.Check whether any of the buttons has not been reset normally.
The light is dim and the brightness is obviously reduced	<ol style="list-style-type: none"> 1.Check whether the light source has reached the expiration date. 2.Check whether the internal and external optical system is clean.
If the fault cannot be eliminated according to the above method, please contact with dealer.	



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www.soundlightspain.com