

SLS

Sound
Light
Spain

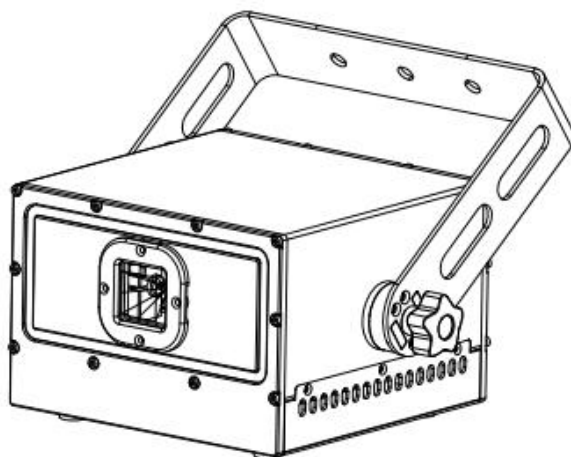


LIGHTING

LIGHTING

SLS-OL5W

USER MANUAL



RGB STAGE LIGHT

Please read this manual carefully before using the product

CONTENT

| | |
|---|-----------|
| 1.Safety Guidance..... | 3 |
| 2.Packing List..... | 4 |
| 3.Installation Notes..... | 5 |
| 4.Technical Parameter..... | 5 |
| 5.Light Control Panel..... | 6 |
| 6.Light Setting..... | 7 |
| 6.1 OLED display control panel function menu setting..... | 10 |
| 7.Light Control Mode..... | 14 |
| 8.DMX512 Control..... | 15 |
| 8.1 DMX512 connect..... | 15 |
| 8.2 DMX512 channel setting..... | 16 |
| 8.3 DMX512 channel..... | 17 |
| 9.Built in effects..... | 26 |
| 10.Maintenance..... | 27 |
| 11.Warning and Declaration..... | 28 |

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 any body enters the light, please cut off the power supply immediately .
9. 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 lamp 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

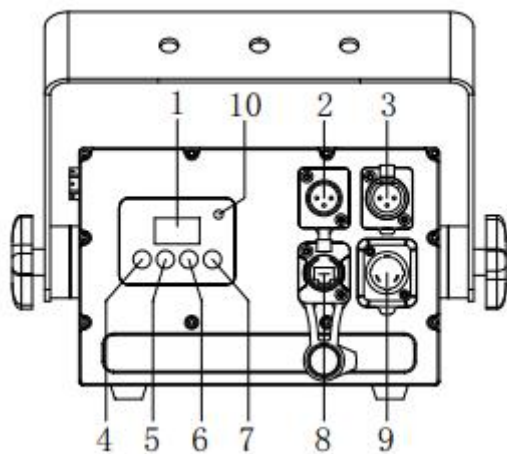
3. Installation Notes

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 100 ~240V 50/60Hz
2. Rated Power: 150W@220V
3. Working mode: Auto/DMX512/ ILDA /master-slave
4. DMX Control Channel: 5CH/17CH/18CH/27CH/28CH/53CH
5. Cool system: Intelligent air cooling system
6. Working environment: outdoor
7. Working temperature: -20℃ - 35℃
8. N.W./G.W.: 5.7kg/14kg
9. Package size: 35*34.5*35CM/70*37*24CM

5. Light Control Panel



| NO. | Interface name | |
|-----|------------------------------------|--|
| 1 | Menu display window | |
| 2 | XLR 3 pin DMX-512 input interface | |
| 3 | XLR 3 pin DMX-512 output interface | |
| 4 | MENU | |
| 5 | UP | |
| 6 | DOWN | |
| 7 | ENTER | |
| 8 | RJ45-ILDA | |
| 9 | POWER AC100~240V (IN/OUT) | |
| 10 | Red indicating light | NO light/ normal light, The device system no work. |
| | | Flash : The equipment system is running normally |

| | | |
|--|---------------------------|--|
| | Green indicating light | OFF: no DMX512 signal |
| | | Flash: received DMX512 signal |
| | Blue indicating light | NO light: No external ILDA signal detected |
| | | Normal light: ILDA switch is turned on or external signal is connected |
| | | Flash: The external ILDA signal is detected and the light output |
| | | |

6. Light Setting

Using the touch button and LCD menu display function, the menu operation is simple and easy to use, and the system software is automatically loaded when the system is turned on, and the main menu interface is displayed.

Use the **▲UP**、**▼DOWN** buttons to select the required function menu icon.

Press the **●ENTER**、**○MENU** buttons to confirm the selected function or return to the previous menu. (After the screen is powered on, there is no key operation for a long time, and the screen enters the standby state only by long pressing the ENTER button to wake up and unlock)

Press the Menu button. The main functions are as follows:

| Menu | | Function |
|----------------|--------------|----------|
| Operation mode | DMX-512 | |
| | Auto Trigger | |
| | Test Mode | |
| | ILDA Input | |
| | User Mode | |

| | | |
|----------------|--|--|
| DMX Settings | DMX-512 | 1-512 |
| | CH Mode | 5CH/17CH/18CH/27CH/28/53CH (Default: 27CH) |
| | RDM | RDM (ON, OFF) |
| View DMX Value | CH1~CH53 | View channel mode The value corresponding to the selected channel mode |
| Auto Trigger | 0~85 | 0 all loop 1 Scene loop 2 Animation loop 3-85 cue play |
| | Master/Slave | (master, slave) |
| Test Mode | Enable Laser | No/Yes |
| | Test Pattern | 1~6 |
| | Master Size | 000-255 |
| | Light Color | RGB/R/G/B |
| | Invert X | No/Yes |
| | Invert Y | No/Yes |
| ILDA Input | Select this mode to receive external ILDA signal only (ILDA indicator light is steady - blue), other mode operating devices do not emit light. | |
| User Mode | Value setting (CH1-CH28 can customize the channel value of the luminaire) | Program built-in console, restore factory Settings to save data, such as clear data press Clear reset option |

| | | |
|-----------------|--------------|--|
| Advanced Setups | Master Size | 000-255 |
| | X Scale | 000-255 |
| | Y Scale | 000-255 |
| | Invert X | No/Yes |
| | Invert Y | No/Yes |
| Color Settings | Color | RGB/Single |
| | Red | 000-255 |
| | Green | 000-255 |
| | Blue | 000-255 |
| | Brightness | 000-255 |
| Display Setups | Language | English/Chinese |
| | Screensaver | 30-120s |
| Scan Settings | Scan Kpps | 15-40K |
| | Scan-safety | Off/On |
| Defaults | System Reset | No/Yes |
| | Factory | Used by factory tech. |
| Device Status | X Scan Error | will report an error, and the device will not emit light in any mode |
| | Y Scan Error | |
| | RS485 Error | The reason for the error is that the control board is not powered on or the chip is bad or the signal line is faulty |
| | Hardware | The reason why the control board |

| | | |
|-------------|----------|--|
| | Software | cannot read is that the control board is not powered on or the chip is bad or the signal cable is faulty |
| Device Info | Mode | |
| | Channel | |
| | DMX addr | |
| | SWFlash | |
| | EFFECT | |
| | Temp | |

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

DMX-512 mode:

Select the console mode to display the current, select the DMX-512 mode after the selection is completed, press the MENU button to return to the previous menu, select DMX Config DMX settings, enter the DMX-512 address code selection, press the ENTER key to confirm and use the UP/DOWN button to Select 1-512 address code, use the number of channels to carry out DMX control according to the desired effect, there are six channel modes: 5CH/17CH/18CH/27CH/28/53CH channel, you can also choose RDM / tick to open, cross to close RDM is enabled by default. After setting, if you need to view the value of each channel, you can go to the view channel in the menu to view the corresponding value of the channel. The console mode is the slave mode at the same time, if the DMX512 console signal is connected, it is the console mode.

Auto Mode:

Select automatic mode, the current self-propelled mode will be displayed on the display menu, after selecting (Auto Mode) self-propelled mode, press the MENU button to return to the previous menu, select (Auto Trigger) self-propelled effect, use UP/ DOWN button to select 000-085 built-in effect modes. If you need to use the serial machine, select the master-slave mode (on/off). Self-propelled mode can be used as the master when the master-slave mode is turned on, and the slave is set to DMX-512 mode.

ILDA mode:

Select ILDA mode, the current device switches to ILDA mode, the lamp only receives the signal from the external controller, and the blue indicator light will flash.

Test Mode:

Select the lamp test mode, the current mode will be displayed on the menu, after the selection (Test Mode) test mode is completed, press the MENU button to return to the previous menu, select (Test Mode) test mode, using the test test is a special mode , can only be called after entering the test mode interface, press the ENTER button to select the test pattern through the UP/DOWN button to check whether there is a problem with the lamp.

User Mode:

Select the user mode, press the ENTER button to confirm, the current mode will be displayed on the display screen, press the MENU button to return to the previous menu after the selection mode is completed, select (User Mode) user mode and press the ENTER button to confirm, use the UP/DOWN button To select the corresponding function, press the ENTER button. Use the UP/DOWN button to select the value from 0 to 255. After setting, press the

ENTER button to confirm, and then press the MENU button to set the next function. Set the lamp by operating the required numerical effect and press ENTER Press the button to save, and press the MENU button to return to the previous menu.

Advanced Settings:

Select advanced settings, press ENTER to confirm, the current mode will be displayed on the menu, use the UP/DOWN button to select the overall size setting, XY axis size setting; X axis forward and reverse setting, Y axis forward and reverse setting, XY replacement set up.

Color Settings

Select advanced settings, press ENTER button to confirm, the current mode will be displayed on the display, use the UP/DOWN button to select monochrome or full color, overall brightness, red brightness, green brightness, blue brightness.

System Settings (System Config):

Select system settings, the current mode will be displayed on the menu, use the UP/DOWN button to select the function, the K number of the galvanometer; after the galvanometer protection setting is enabled, turn off the light when the working angle of the galvanometer reaches a certain point, so as to avoid the output of the light source The pattern is a dot; it is used for internal debugging in the factory; restore the factory settings, and set the parameters to the initial settings when leaving the factory (the channel mode value and DMX512 address remain unchanged).

Device Status:

Select the device status menu, press the ENTER button to confirm, the current mode will be displayed on the display screen, use the UP/DOWN button to

check: the XY axis reset error of the galvanometer (the X/Y galvanometer motor is stuck at a certain position and an error occurs , the device will not emit light in any mode); CPU version information shows whether the hardware control version is read. After viewing, press the MENU button to return to the previous menu.

Device Info:

Select device information, the current mode will be displayed on the menu, display system related information, current device operation mode, current device channel mode, current device DMX512 address, effect version - the built-in effect version of the system, chassis temperature - internal temperature of the lamp, Device hardware information - batch of lamp program board, device software information - lamp program version, galvanometer reset detection.

7. Light Control mode

DMX512 control mode

①DMX512 control mode:

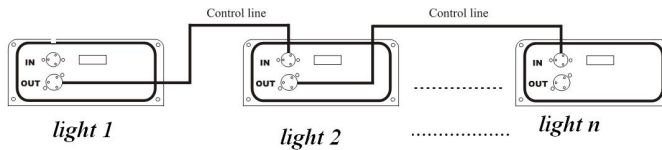
Set the DMX512 address code, the lamp will receive the standard DMX512 signal,

The screen wakes up when the DMX512 signal is connected, and the screen flashes ten times continuously when the DMX512 signal is disconnected.

②Master-slave mode:

Host—Enter the “Operation Mode” mode through the UP/DOWN button in the main menu, select the “Auto Mode” menu, and set the host to tick (the default is crossed), and the lamp is the host at this time. Press ENTER to confirm saving.

Slave—In the main menu, press the UP/DOWN button to enter the "Operation Mode" mode, select the "Auto Mode" menu, set the slave to cross (the default is to cross), and the lamp is a slave at this time. Press ENTER to confirm saving.

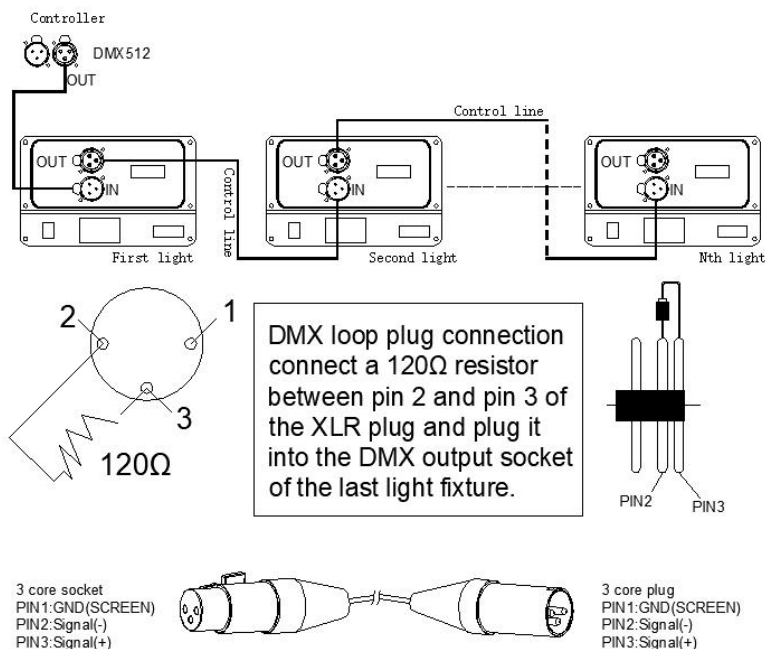


Auto mode

When the lamp is not connected to an external signal, the device can choose to run automatically.

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.

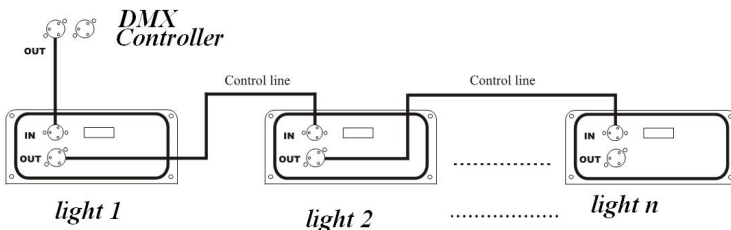
2. Connect the lamp with XLR signal, one end is connected to the output port of the lamp, and the other end is connected to the input port of the next lamp. XLR signal lines can only be used in series, not in parallel. DMX512 signal transmission speed is very fast. Damage to the signal line, weak welding, 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 lamp 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 DMX512 channel setting:

Press the MENU button to enter the menu mode, select the system setting/channel mode (5CH/17CH/18CH/27CH/28CH/53CH), select the channel mode you need, and press the ENTER key 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 controller must have its own address.

Therefore, the address of the first light fixture is set to 1, the address code of the second light fixture is set to 6/18/19/28/29/54 (address code 1 of the first light fixture plus 5/17/18/27/28/53 channel), and the third light fixture is set to 11/35/37/55/57/107CH. And so on (this setting will depend on the different console, now just as a general rule).

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

| Light NO. | Start Address | Display (ON) |
|-----------|--------------------|--------------------|
| 1 | 1 | 1 |
| 2 | 6/18/19/28/29/54 | 6/18/19/28/29/54 |
| 3 | 11/35/37/55/57/107 | 11/35/37/55/57/107 |
| ⋮ | ⋮ | ⋮ |

8.3 DMX-512 Channel introduce:

The IPLAY mode of this lamp has 6 channel modes 5CH/17CH/18CH/27CH/28CH/53CH (channel mode can be viewed in dmx mode), the instructions are as follows:

5CH

| Channel | | value | Content |
|---------|------------------------|----------|---|
| CH1 | Cue mode | 0 ~ 31 | OFF (blackout) |
| | | 32 ~ 63 | Manual choose cue |
| | | 64 ~ 95 | Auto trigger macro function |
| | | 96 ~ 255 | Reserved |
| CH2 | Dimmer | 0 ~ 255 | Brightness 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 | 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 |
| | | 96~255 | Reserved |
| 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. |
| | 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. |
| 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 ~255 | Reserved | | |
| 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/28CH and 53CH

(1) 27CH can't adjust the scanner Kpps speed.

(2) 28CH and 53CH is based on 27CH, extra add adjust the scanner Kpps speed function, better for camera shoot video.

| Channel | | Channel value | Content |
|---------|-----------|---------------|--|
| 52CH | 27CH/28CH | | 27CH single pattern, 52CH double pattern |
| | CH1 | 0~31 | Blackout(off) |
| | | 32~63 | Manual play |
































































| | | | | | |
|------|------|--------------|--|------|-----------------------|
| | | 64~95 | Auto play macro function | | |
| | | 96~255 | Invalid | | |
| | CH2 | 0~255 | Dimmer Brightness 0% ~ 100% | | |
| CH28 | CH3 | 0~255 | Red brightness 0% ~ 100% | | |
| CH29 | CH4 | 0~255 | Green brightness 0% ~ 100% | | |
| CH30 | CH5 | 0~255 | Blue brightness 0% ~ 100% | | |
| CH31 | CH6 | 0~255 | Choose pattern page: Each 32 value be one page,total 8 page (CH1=32-61 is valid) | | |
| | | | Each 10 value be one macro function, total 25 cue ; (CH1= 62-128 is valid) | | |
| CH32 | CH7 | 0~15 | Blackout(OFF) | | |
| | | 16~255 | Choose pattern cue Each 12 value be one cue,total 20 cue | | |
| CH33 | CH8 | 0~255 | From left to right (128 center)) | | |
| CH34 | CH9 | 0~255 | X axis fine position | | |
| CH35 | CH10 | 0~255 | From bottom to top (128 center) | | |
| CH36 | CH11 | 0~255 | Y axis fine position | | |
| CH37 | CH12 | 0~255 | Clockwise rotation (0°-360°) | | |
| CH38 | CH13 | 0~255 | Fine rotation | | |
| CH39 | CH14 | 0~255 | Zoom,From 100% to 0% | | |
| CH40 | CH15 | 0~255 | From left to right (X rotation) | | |
| CH41 | CH16 | 0~255 | From bottom to top(Y rotation) | | |
| CH42 | CH17 | 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 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 | | |
| CH43 | CH18 | 0~255 | Visible point 100%-0%-0 | | | | |
| CH44 | CH19 | Pattern Deformation (with zoom channel (14) (25)) | | | | | |
| | | 0~15 | Invalid | 16~31 | Macro 1 | 32~47 | Macro 2 |
| | | 48~63 | Macro 3 | 64~79 | Macro 4 | 80~95 | Macro 5 |
| | | 96~111 | Macro 6 | 112~127 | Macro 7 | 128~143 | Macro 8 |
| | | 144~159 | Macro 9 | 160~175 | Macro 10 | 176~191 | Macro 11 |
| | | 192~207 | Macro 12 | 208~223 | Macro 13 | 224~255 | Default |
| CH45 | CH20 | Wave mode(when value=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 |
| CH46 | CH21 | Write in (when value=0 Invalid) | | | | | |
| | | 1~42 | Macro 1 | 43~84 | Macro 2 | 85~126 | Macro 3 |
| | | 127~255 | Strobe mode(from slow to fast) | | | | |
| CH47 | CH22 | X horizontal position (when value=0 Invalid) | | | | | |
| | | 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 |
| CH48 | CH23 | Y Vertical position (when value=0 Invalid) | | | | | |
| | | 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 |
| CH49 | CH24 | Rotation (when value=0 Invalid) | | | | | |

| | | | | | | | |
|------|------|-------------------------------------|---------|---------------|---------|---------|---------|
| | | 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 |
| CH50 | CH25 | Zoom (when value=0 Invalid) | | | | | |
| | | 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 |
| CH51 | CH26 | X Rotation (when value=0 Invalid) | | | | | |
| | | 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 |
| CH52 | CH27 | Y Rotation (when value=0 Invalid) | | | | | |
| | | 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 |
| CH53 | CH28 | 0-255 | | Scanner speed | | | |

9. Built in effects

| | 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 |  |  |  |  |  |  |  |

9. 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.

10. 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 | |
|--|---|
| breakdown 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 | 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 | 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. |
| Key failure, no work | 1.Check whether any of the keys has not been reset normally. |
| The light is dim and the brightness is obviously reduced | 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. | |



Móvil: +34 638 626 631

www.soundlightspain.com