

## LAMP

51400  
聚光灯  
SPOTLIGHT

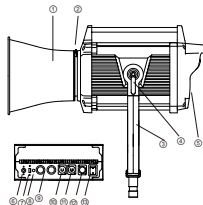
说明书  
THE STAGE LIGHTS

## THE STAGE LIGHTS

## Essential parameter:

Product name: Spotlight S1400  
Input voltage: 100-240V, 50/60Hz  
Lamp head input: 72V  
Material: aluminum  
Light color output: 2600K-6000K  
CRI: > 95  
TLCL: > 95  
Control: panel control/DMX console wiring control/  
DMX console 2.4 g wireless control

## Product mix:



- ① Lampshade
- ② Lamp shade button
- ③ Light bow
- ④ Light bow adjustment knob
- ⑤ DC input block
- ⑥ Antenna interface
- ⑦ USB output 5V 1A
- ⑧ Wireless indicator light
- ⑨ DC output block
- ⑩ DMX IN Beacon
- ⑪ DMX OUT Beacon
- ⑫ Power input block
- ⑬ Power switch

## Safety instruction:

1. AC power input must be used by ground wire;
2. Water mist is strictly prohibited to enter the lamps;
3. Never put the input voltage beyond the range of 100-240V;
4. It is strictly prohibited to use lamps under the ambient temperature above 55°C or under the sun exposure;
5. Check the tightness of the lamp bow before use to prevent the lamp body from sliding and pressing the hand;
6. Do not drop metal objects into the power box to prevent accidents.

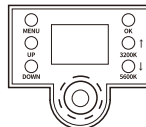
## Light up lamps:



Graph 1

Connect the power line, insert the power plug into the input interface (shown in Figure 1) and rotate to the right, then connect the power AC line to the mains socket and open the switch to light the lamp.

## Interface display introduction:



Graph 2

In figure 2, the LCD boot display progress bar, lock screen symbol display, wireless switch symbol display, wireless domain display, wired data reception display, address code display

There are two modes of work:

**CCT mode** (brightness percentage display, CCT display)

**EFFECT mode** (Brightness percentage display, mode display, CCT display, speed display)

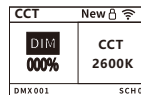
## Control key description:

- Figure 2 The bottom one is the encoder adjustment knob to adjust the numerical / selection menu options in each mode. Click the knob, press the lock key in CCT / EFFECT mode, and press the unlock again;
- ▶ The light touch buttons are MENU, UP, DOWN, OK, 3200K, 5600K;
  - ▶ MENU is the menu key, press and enter the menu selection interface;
  - ▶ UP, DOWN is the last and next keys to select menu options / select the functions to be operated in CCT / EFFECT mode;
  - ▶ The OK key, in CCT / EFFECT mode, is used to switch mode, such as pressing the OK key to switch to EFFECT mode and again to switch to T mode. In the menu option interface, the determination key is used, and the return key is determined in the function setting interface bit;
  - ▶ The 5600K and 3200K keys are the color temperature shortcuts.

## Model introduction:

Figure 3 is the CCT operation interface with DIM, CCT and CUR adjusted in CCT mode;

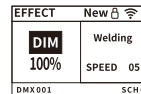
- ▶ The adjustment range of DIM is 0-100, step 1;
- ▶ The adjustment range of CCT is 2600-6000, step 100;
- ▶ The regulation range of CUR is 1.0-1.0 and step 0.1.



Graph 3

Figure 4 is the EFFECT operation interface, which can adjust DIM, effect mode, CCT, SPEED;

- ▶ The adjustment range of DIM is 0-100, step 1;
- ▶ There are 8 effect modes, namely Welding, Jump, Paparazzi, Cycle, Storm, Flash, TV, Bad Bulb; The adjustment range of CCT is 2600-6000, step 100;
- ▶ The SPEED regulation range is 1-30, with step 1.



Graph 4

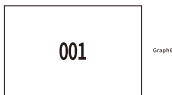
## Menu introduction:

- ▶ The menu interface is shown in Figure 5
- There are options for exit, DMX address, wireless switch, wireless domain, wireless solution, backlight brightness, screen out time, language selection, LCD contrast, and factory version.



Graph 5

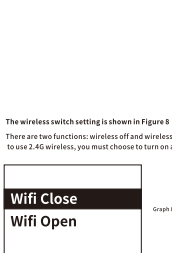
- The DMX address setting interface is shown in Figure 6  
And the range of adjustment is 1-512 steps to 1.



Graph 6

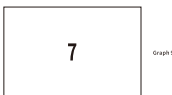
- The wireless switch setting is shown in Figure 8

There are two functions: wireless off and wireless on. When you want to use 2.4G wireless, you must choose to turn on and return.



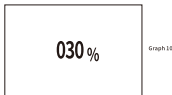
Graph 8

- The wireless domain setting is shown in FIG 9  
After the wireless switch is turned on, the wireless domain is set here, and 0-7 a total of 8 domains can be selected.



Graph 9

- The back brightness setting is shown in Figure 10  
And the adjustment range of brightness is 10-100 steps to 1.



Graph 10

- The screen extinguishing time is set as shown in Figure 11  
The setting range is 30-120 seconds to 1, and it can also be set to never extinguish screen.



Graph 11

- Language settings is shown in Figure 12  
And can be set in Chinese or English.



Graph 12

- The LCD contrast setting is as shown in Figure 13  
With a range of 1-9 steps to 1.



Graph 13

## Factory Settings:

**SX TC V4.5**  
**restore defaults**  
**T1:024**  
**T2:028**

Graph 14

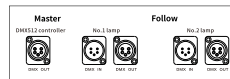
- The factory version Settings are shown in Figure 14.

In this option, you can see the version number of the current product, the recovery factory Settings function and temperature display. When you click OK to restore the factory Settings, the default parameters are:  
CCT mode DIM = 100; CCT = 5600;  
EFFECT Mode DIM = 100; Welsing, SPEED = 5;  
DMX address = 1; Wireless switch = wireless off; wireless domain = 0;  
backlight brightness = 30; screen off time = 30; Language = English;  
LCD contrast = 5;

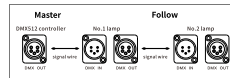
Fan: T 1 shows the temperature above 40 °C power box fan starts to work, the higher the temperature, the faster the speed;  
t 2 shows the temperature above 50 °C power box fan starts to work, the higher the temperature, the faster the speed;

## DMX512 Controller connection mode

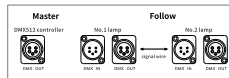
**Master and slave:** Master and slave channel data are the same, adjust the master device data, the slave light data will change accordingly.



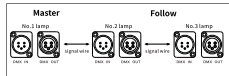
**Simple wireless control:** turn on the wireless switch of lamp and controller, the wireless switch of controller and lamp are opened and the domain number should be set, the controller wireless scheme is set as a new wireless, both the connections successful. (Only applicable to original controllers, other console board require a transmitter)



**Simple wired control:** according to the above schematic diagram, connect the lamp to the DMX512 controller with a signal line, that is, successfully connected.



**Wired wireless combined control:** according to the above schematic diagram, the lamp is connected with signal lines, the wireless switch of the controller and the 1 lamp are open and the domain number should be set, the controller wireless scheme is set as a new wireless, both the connection is successful. (Only applicable to original controllers, other console boards require transmitters)



**Cable master and slave control:** connect the lamps with signal line according to the diagram above, both successfully.

## DMX channel definition:

**DMX channel definition:**

When the DMX address is N,  
N + 0 channel control The relationship between DIM data and channel value is DIM = (channel data / 2.55 + 0.5) (consolidation);  
N + 1 channel control the relationship between CCT data and channel value is CCT = (2600 + (channel data / 7.5) 100) (consolidation).