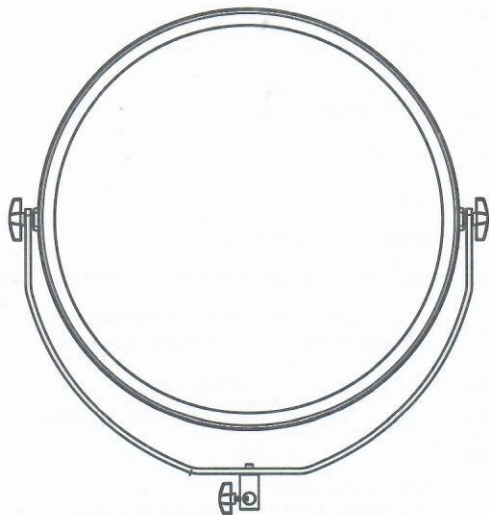


SL-500ARC Photography lights

Instruction Manual

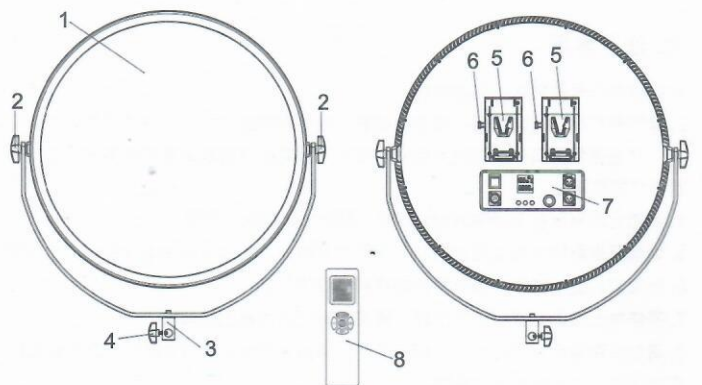


Safety Notice:

In order to prevent any damage to your products or the safety of users, please read the following safety precautions before using and keep the information in this manual, so that all users of this product can access it at any time.

Before operating this device, please read the following instructions carefully and keep them for future reference.

1. Product structure introduction



- 1. Light board
- 2. Angle adjustment knob
- 3. Fixing bracket
- 4. Bracket fixing knob
- 5. V-Mount battery holder
- 6. Battery removal button
- 7. Control panel
- 8. Remote control

2. Main features

This product is an ultra-thin brand-newly designed LED photography light. It uses an aluminum alloy shell to increase the heat dissipation effect of the product while ensuring its beautiful appearance and lightness. Using 234 normal white and 234 warm white 0.5W high-brightness 2835 LED lights, using backlight technology, scientific arrangement and distribution, so that the irradiation light is softer. The brightness can be adjusted between 0-100%, and the color temperature can be adjusted between 2500K-8500K to meet more environmental needs. Equipped with the bracket, the product can be adjusted 360° front and rear, so that the product can be used more flexibly. High-efficiency drive circuit, constant current and constant voltage output, enable each lamp bead to exert its performance to the greatest extent. Equipped with a full-view black background and white LCD display, which can intuitively display the current brightness, color temperature, remote control channel, DMX channel and battery power information. It can be powered by V-Mount batteries or an adapter. The power supply mode is controlled by the three-stage rocker switch, which makes the product work longer. There are three control modes: control panel, DMX and remote control. The panel control mode is to set the brightness, color temperature, remote control channel, and DMX channel of the product through buttons and function adjustment knobs. The remote control mode is to remotely control products within a radius of 50 meters through a 2.4G wireless remote control. Equipped with DMX interface, can be connected with DMX console. Used for the control of stage lighting effects.

3. Power on/off

1. Use battery power

Insert a V-Mount battery into the battery compartment of the camera light in the correct direction. Flip the power switch to the I terminal, the LCD screen display lights up, and the photography light will turn on normally.

2. Use external adapter for power supply

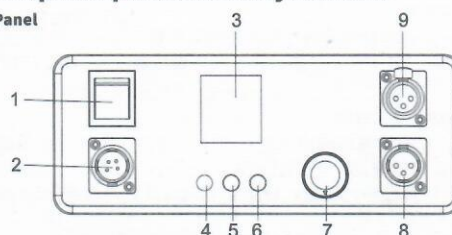
Use an external adapter to supply power. Connect the 15V 8A adapter that matches the product to the adapter DC socket of the photography light, and connect the adapter to the power supply. Flip the power switch to the II end, the LCD screen display lights up, and the photography light will turn on normally.

3. Power off

In the power-on state, turn the power switch to end O, the LCD screen display goes off, and the camera light turns off.

4. Control panel parameter adjustment

1. Control Panel



- 1. Power switch
- 2. Power socket
- 3. Display
- 4. Color temperature button
- 5. Channel group button
- 6. Mode button
- 7. Adjustment knob
- 8. DMX input interface
- 9. DMX output interface

2. Brightness adjustment

After the camera light is turned on normally, turning the adjusting knob clockwise will increase the brightness in 1% steps, and the maximum value is 100%. Turn the adjustment knob counterclockwise to decrease the brightness in 1% steps, and the minimum value is 0%.

3. Color temperature adjustment

After the photography light is turned on, press the color temperature button on the photography light, and the color temperature value displayed on the LCD will continue to flash. At this time, turn the adjusting knob clockwise, and the color temperature will increase in steps of 100K, with a maximum value of 8500K. Turn the adjusting knob counterclockwise, the color temperature will decrease in steps of 100K, and the minimum value is 2500K. After the color temperature adjustment is completed, there are other key actions or wait for 5 seconds to exit the color temperature adjustment.

4. Remote control mode

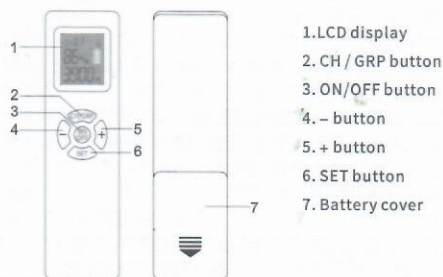
After the photography light is turned on, press the channel group button on the photography light, and the remote control channel displayed on the LCD will continue to flash. At this time, you can set the remote control channel by adjusting the knob. Press the channel group button again, the group letter displayed on the LCD will continue to flash. At this time, you can set the remote control group by adjusting the knob. When the remote control channel and group on the product are the same as the remote control channel group on the remote control, the remote control can be used to remotely control the product. After the remote control channel and group settings are completed, there are other key actions or wait 5 seconds to exit the color temperature adjustment.

5. DMX mode

After the camera light is turned on, press the mode button on the camera light to switch to DMX mode. At this time, the remote control channel on the LCD will switch to display the DMX channel, and press the channel group button in the DMX mode. The DMX channel displayed on the LCD will continue Flashing, you can set the DMX channel by adjusting the knob at this time. Because the brightness and color temperature of the photography light each occupy one channel of the DMX console, the DMX channel on the photography light will be displayed as 1, 3, 5...511, a total of 256 channel values, when the DMX channel on the photography light is 1, Channel 1 on the DMX console corresponds to brightness, channel 2 corresponds to color temperature, and so on. After entering the DMX mode, the remote control and color temperature buttons cannot be used. If you need to exit the DMX mode, press the mode button again, the channel displayed on the LCD will be switched to the remote control channel and group, which is a successful exit.

6. Remote control parameter adjustment

(1) Introduction to the structure of the remote control



(2) Remote control on / off

1. Pull the remote control forcefully out of the battery cover in the direction indicated by the arrow on the battery cover.
2. Then put the two AAA batteries into the battery compartment according to the positive and negative polarity markings in the battery compartment.
3. Snap the battery cover in the direction opposite to the arrow mark, and install the battery cover.
4. Long press the ON/OFF button on the controller for 3 seconds, the LCD display of the remote control will light up, and the remote control will start normally.
5. After the remote control is turned on, long press the ON/OFF button for 3 seconds or without any operation within 120s, the remote control will be turned off.

(3) Remote control channel setting

After the remote control is turned on normally, press CH and the channel value on the display flashes once, press the plus and minus buttons to set the number of channels of the remote control. The maximum value is 40, and the minimum value is 1.

(4) Remote control to turn on and off the camera light

After the remote control is turned on normally, and the remote control channel is the same as the video light channel setting. Press the ON/OFF button on the remote control to turn off the camera light and be in standby mode. Press the ON/OFF button on the remote control again to turn on the video light.

(5) The remote control controls the brightness and color temperature of the photography light

After the remote control is turned on normally, and the remote control channel is the same as the video light channel setting. Press the + and - buttons on the remote control to adjust the brightness of the camera light. Press the SET button, the color temperature value flashes once, at this time, press the + and - buttons on the remote control to adjust the color temperature value of the photography light. After the color temperature adjustment is completed, press the SET button again or if there is no operation within 5 seconds, the remote control will exit the color temperature adjustment.

(6) DMX Control

1. DMX Controller connection

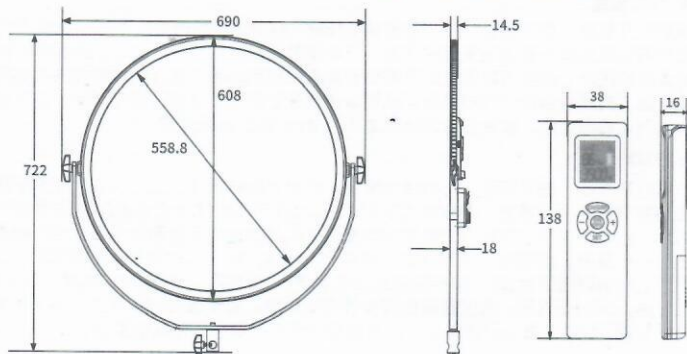
Connect the DMX controller to the power supply and connect the data cable to the DMX input port of the photography light. After the photography light is turned on, press the DMX mode button and turn the adjustment knob to set the DMX channel to the target value. You can control the photography light by adjusting the corresponding channel through the DMX controller. The camera light needs to occupy two channels of the controller, the first one adjusts the brightness, the second one adjusts the color temperature.

2. Photography lights are cascaded through DMX

Connect the camera light of the controller to the DMX input port of another camera light through the DMX output port. After the connection is made, the DMX controller can normally control all the connected photography lights. According to the change of the channel, all or one of the photography lights can be controlled simultaneously or separately.

5. Product size

Unit: mm Tolerance: $\pm 1.0\text{mm}$ L=722 W=690 H=14.5



6. Product parameters

Serial number	Items	Specifications		
1	Scope of application	It is suitable for all environments that require supplementary light, such as studios and studios.		
2	LED qty	Positive white 234 PCS, warm white 234 PCS, total 468PCS		
3	Max power	110W ±10W		
4	Lighting parameters	Illuminance	2500 LUX/1M ±150LUX	
		Luminous flux	7000 LM ±400LM	
5	Color temperature range	2500K-8500K±200K		
6	Brightness adjustment range	0-100%		
7	Color rendering index	>95		
8	Display method	Full-view LCD display with white characters on black background		
9	Display content	Brightness level, color temperature, Wireless remote control channel/group, DMX channel, battery power		
10	Control mode	Three-speed rocker switch (O-off, I-battery, II-external adapter) Function knob + button adjustment, 2.4G wireless remote control, DMX control		
11	Remote control channel	CH1-CH40	DMX interface type	XLR 3-pin XLR socket
12	DMX channel	1-256 (One product occupies two channels of the controller, the product displays 1, 3, 5...511)		
13	Light angle	>120°	Input voltage	14-16.8V
14	Power supply	Battery: V-Mount battery External adapter: DC15V 8A 120W 4PIN aviation plug		
15	Connector	DMX interface*2 (Input*1, Output*1), 4PIN aviation plug socket		
16	Remote control	Display mode: White LCD display on blue background Remote control type: 2.4G wireless communication Remote control distance: 50 meters in radius with the host as the center (indoor barrier-free) Power supply: two 1.5V AAA batteries (AAA batteries) Remote control group: A, B, C		
17	Net weight	5220g		
18	Relative humidity	20%~90%		
19	Working environment temperature	0~40℃		
20	Storage temperature	-10~50℃		
21	Product size	722x14.5x690mm		

7. Cautions

1. This light does not have dustproof and waterproof functions.
2. Do not let the light fall to the ground, be hit by collision or strong impact.
3. Do not cover the ventilation hole, otherwise the internal temperature may rise and cause fire or accident, which may cause the accident.
4. Do not look directly at the white LED, otherwise it may cause visual impairment.
5. Do not place the lights near flammable or easy-to-play solutions, which may cause fire or smoke.
6. The switch must be turned to "OFF" when finish the working.
7. If don't use led light or finish the working, please take out the battery.
8. Please do not put the light into the storage box immediately after use; the heat may cause damage to the white LED. It should be cooled thoroughly before being placed in the storage box.

- Specifications and appearance are subject to change without notice.