

SWIT®

SL-100P/SL-150P

Flexible Bi-Color SMD LED Light

Ver: C

USER MANUAL

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Congratulations on your purchase of this product. Please read this user manual carefully.

Specification

Model	SL-100P	SL-150P
Number of the lamps	560pcs	840pcs
Color Temperature	2700K-6500K	
Brightness	0%-100%	
Luminance	2800 Lux/1m; 430 Lux/3m; 170 Lux/5m	4100 Lux/1m;640 Lux/3m; 260 Lux/5m
Beam angle	10°-360°	
CRI	97	
TLCI	97	
Input Power	100W	150W
Working Voltage	DC 11-36V/AC100-240V(50/60Hz)	
Dimensions	600mm x 470mm	600mm x690mm
Weight	Light body:0.4g	Light body:0.7Kg
	Controller:1.06Kg Adaptor:0.58Kg	

Precautions

1. Avoid disassembling the fixture or using metal objects on the control box to prevent damage;
2. Store the light in a clean, dry environment to maintain optimal performance;
3. Prevent scratches on the light body from hard objects to ensure effective use;
4. Clean minor oil stains or dirt on the surface with a soft cloth;
5. Use this product within the temperature range of -10°C to 40°C.

Overview

1.Front view

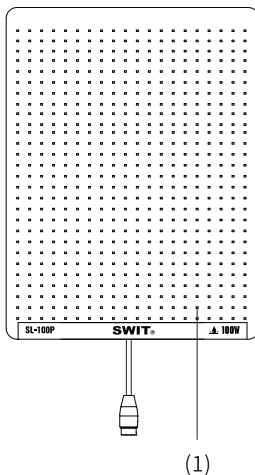


Fig.1 SL-100P

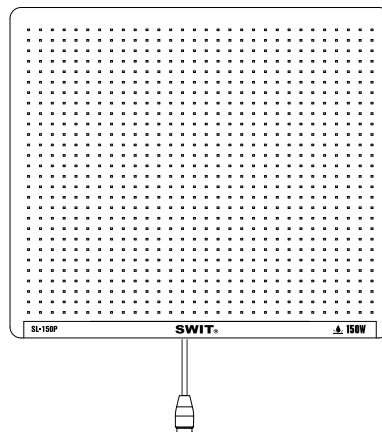


Fig.2 SL-150P

2.Back view (SL-100P)

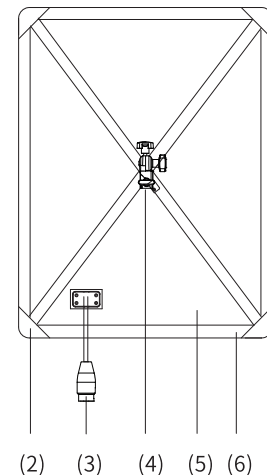


Fig.3 SL-100P

3.Front view

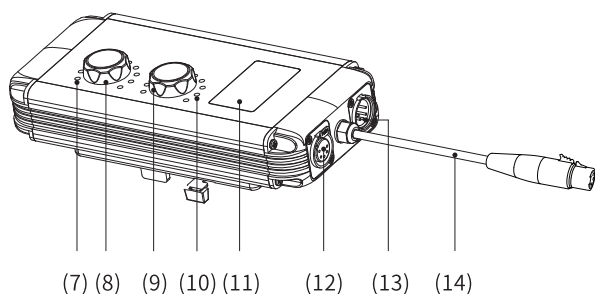


Fig.4 Controller

- ①Light strips
- ②Warp corner
- ③Light input connection cable
- ④X bracket
- ⑤Light body
- ⑥Magic sticker
- ⑦Color temp indicator light
- ⑧Color temp knob
- ⑨Brightness knob
- ⑩Brightness indicator light
- ⑪ LCD screen
- ⑫DMX OUT

4.Back view

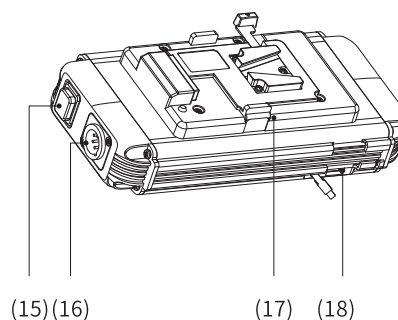


Fig.5 Controller

- ⑬DMX IN
- ⑭Control box output cable
- ⑮Power switch
- ⑯DC 11-36V IN
- ⑰Battery plate
- ⑱USB interface

LCD display information

Take “CCT=5600K, Dimmer=100%, DMX address:008 (Group:8)” as an example:

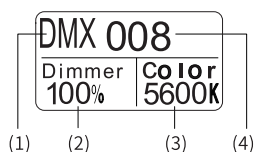


Fig.6 DMX Mode



Fig.7 Brightness Interface



Fig.8 DMX Address Interface

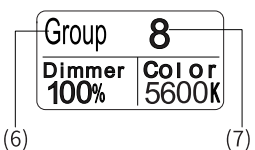


Fig.9 Group Control Mode



Fig.10 Color temperature interface



Fig.11 Group Interface

- ①Control Mode—DMX Mode
- ②Current Brightness
- ③Current DMX Address
- ④Current Color Temperature
- ⑤Current setting number
- ⑥Control Mode—Group Control Mode
- ⑦Group Number

Using Instruction

1 Installation

This product can be flexibly bent and positioned according to user needs, whether it's fixed on the back of a chair, the roof of a car, or any other confined space. Alternatively, as shown in Fig. 3, you can use the X bracket to support the light.

Note: For users who purchase the curved soft cover or egg crate soft box, follow the steps in Fig. 3 to support the light, then securely attach the assembled soft cover or soft box using the magic sticker for normal use.

2 Power

2.1 Power supply

This product supports two power supply options: batteries or an AC adapter.

2.2 Usage

After installing the light according to your needs, securely connect the control box output cable (Fig. 4⑭) with the light input connection cable (Fig. 3③). Turn on the power switch (Fig. 5⑮), set the desired light parameters, and the light can be used normally.

3. Parameters and Working Mode Settings

3.1 Brightness and Color Temperature Settings

Adjust the color temperature and brightness parameters by rotating the Color Temperature/Brightness knob (Fig. 4 ⑧/⑨).

- Color temperature adjustment range: 2700K-6500K, with a minimum step of 50K.
- Brightness adjustment range: 0%-100%, with a minimum step of 1%.

3.2 DMX Address Setting

Refer to section 4.1 for detailed instructions.

3.3 GROUP Setting

Refer to section 5.1 for detailed instructions.

3.4 Working Mode Setting

Long-press the color temperature adjustment knob (Fig. 4⑧) for approximately 2 seconds to switch between DMX Communication Mode (Fig. 6) and Group Control Mode (Fig. 9).

4 DMX Communication Mode

4.1 DMX Address Parameter Setting

Long-press the brightness adjusting knob (Fig. 4⑨) for approximately 2 seconds to enter the DMX address setting interface (Fig. 8).

- Use the brightness adjusting knob (Fig. 4⑨) to set the DMX address parameter within the range of 001-512.
- Rotate the knob to set the current bit.
- Press the knob to confirm the current bit setting and move on to the next bit setting.
To exit the DMX communication address setting interface, either wait for about 5 seconds after stopping the operation or switch the current address parameter setting bit to the last bit and press the brightness adjusting knob again.

4.2 Usage of DMX Communication Mode

After setting the DMX address parameters according to your needs, connect the light to the DMX control device through a DMX cable to enable normal usage.

This product occupies a total of two DMX control channels, currently set the DMX address (N) for brightness control, address (N+1) for color temperature control, such as:

DMX Address	DMX Channel	Function
008	008	Brightness adjusting:0%-100%
	009	Color temperature adjusting:2700K-6500K

5. GROUP Control Mode

5.1 GROUP Control Parameters Setting

Long-press the brightness adjusting knob (Fig. 4⑨) for approximately 2 seconds to enter the Group parameters setting interface (Fig. 11).

Use the brightness adjusting knob (Fig. 4⑨) to set the Group parameters within the range of 1-8.

After stopping the operation, wait for about 5 seconds or press the brightness adjusting knob to exit the Group parameters setting interface.

5.2 Usage of GROUP Control Mo

Set the Group parameters according to your needs.

Set the target lights to the same Group.

Network the lights through a DMX cable.

The lights can be used normally without distinguishing between master and slave machines.

Note: When using the group control function, do not connect DMX signal output devices in the light network; otherwise, the function cannot be used properly.

6. Usage of the USB Interface

The USB Interface (Fig.5) is a reserved port. Please use it according to the specified environment of our company's relevant products. Do not use it for other purposes to avoid potential losses.

Packing list

No.	Details	Quantity
1	X-bracket	x 1
2	Clam	x 1
3	Power Cable	x 1
4	Adaptor	x 1
5	Light bag	x 1
6	Soft box (Option)	Customers can purchase separately according to their needs
7	Eggcrate (Option)	