SWIT®

SL-100P/SL-150P
Flexible Bi-Color SMD LED Light
Ver: B

USER MANUAL

SWIT Electronics Co.,Ltd.

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	4100 Lux/1m
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	

General Precautions

1.Do not disassembly the light or touch the interior of the light with metal objects to prevent causing damage;

2.Please avoid storing the light in dusty and wet environment to prevent causing damage;

3.Please avoid scratching the light body with hard object to prevent affecting the using effect;

4.Slight oil stains on the surface of the lamp body can be wiped with a clean cloth；

5.This products can only be using in the temperature range of -10℃-40℃.
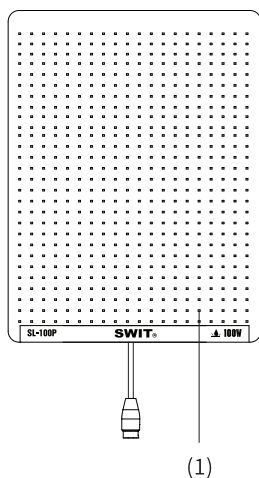
Overview

1.Front view

2.Back view（SL-100P）
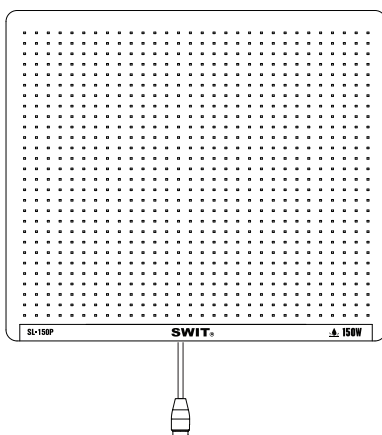

(1)

Fig.1 SL-100P

Fig.2 SL-150P

(2)　(3)　(4)　(5)　(6)

Fig.3 SL-100P

3.Front view

(7) (8) (9) (10) (11) (12) (13) (14)

4.Back view

(15)(16) (17) (18)
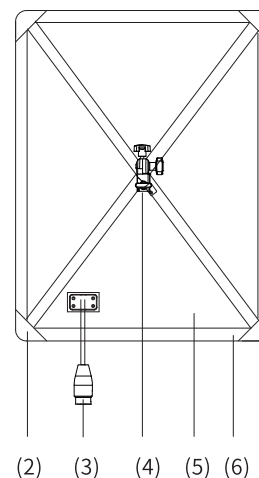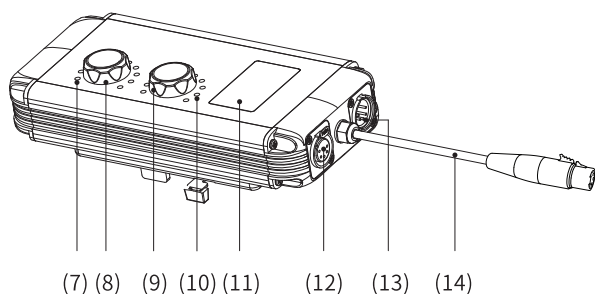
Fig.4 Controller

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
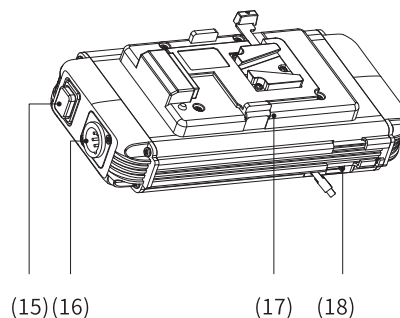
Fig.5 Controller

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

LCD display information

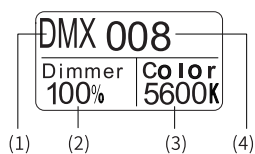Take "CCT=5600K, Dimmer=100%, DMX address：008（Group：8）" as an example：

DMX 008
Dimmer | Color
100% | 5600K

(1)   (2)   (3)   (4)

Fig.6 DMX Mode

Dimmer
100%

Fig.7 Brightness Interface

DMX
008

(5)

Fig.8 DMX Address Interface

① Control Mode—DMX Mode
② Current Brightness
③ Current Color Temperature
④ Current DMX Address
⑤ Current setting number

Group   8
Dimmer | Color
100% | 5600K

(6)   (7)

Fig.9 Group Control Mode

Color
5600K

Fig.10 Color temperature interface

Group
8

Fig.11 Group Interface

⑥ Control Mode—
      Group Control Mode
⑦ Group Number

Using Instruction

1 Installation

Any bend of this products will have no effects during using.Light can be fixed on back of a chair,top of the car or any narrow space,or as shown on Fig.3,hold up with the X-bracket.

Tip：Users who choose arc soft cover and egg soft box should first hold up the lamp body as shown in Fig.3, and then assemble the arc soft cover and egg soft box The light box can be used normally by fixing it on the lamp body with Magic Stick.

2 Power

2.1 Power supply

The products can be powered by batteries and AC adaptor.

2.2 Usage

Connect the control box output cable(Fig.4⑭) with light input connection cable(Fig.3③) after installation according to the requirements，switch on the light(Fig.5⑮)，set the light parameters, then it can be used normally.

3 Parameters and working mode setting

3.1 Setting and usage of Brightness & Color Temperature

Color temperature/Brightness can be controlled by Color temperature/Brightness knob(Fig.4⑧/⑨)The range of

Color Temperature & Brightness are shown as below：
- Color Temperature adjusting range：2700K-6500K，Min adjusting steps:50K；
- Brightness adjusting range：0%-100%，Min adjusting steps:1%.

3.2 DMX Address Setting
See 4.1

3.3 GROUP Setting
See 5.1

3.4 Working Mode Setting
Hold color temperature adjusting knob (Fig.4 ⑧) for 2s,then DMX mode(Fig.6) or Group Mode(Fig.9) can be switched.

4 DMX Communication Mode

4.1 DMX Address setting
Hold the brightness adjusting knob(Fig.4⑨) for about 2s to enter in the DMX address setting interface(Fig.8)，
set DMX address with Brightness adjusting knob(Fig.4⑨), DMX communication address adjusting range：001-512.
- Set the number of current bit with brightness adjusting knob(Fig.4⑨);
- Press brightness adjusting knob(Fig.4⑨) to confirm the number of current bit and enter in the setting of next bit number；
- Exit DMX communication setting interface:
Stop operating or change the setting number to the last bit then press the brightness adjusting knob.

4.2 Usage of DMX Communication Mode
Complete the DMX address parameter setting of the product according to the expected demand, connect the lamp and DMX control equipment reliably through DMX line, then it can be used normally.

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 Mode Parameters Setting
Hold the Brightness adjusting knob(Fig.4⑨) for about 2s to enter in Group parameters setting group interface (Fig.11)，adjust the brightness knob(Fig.4⑨) to set Group parameters，Group parameters setting range：1-8, Stop operating or change the setting number to the last bit then press the brightness adjusting knob.

5.2 GROUP Control mode Usage
Set the parameters of the Group according to the expected demand, set the target light to be controlled into the same Group, network the light through DMX cable, and the light can be used normally without distinguishing the master and slave machines.

Tips：When using the group control function of the light, do not access the output device of DMX signal in the light network, otherwise the function cannot be used normally.

6. USB Interface usage
USB Interface(Fig.5 ⑱)is for specific use，Please use it according to the specified environment of the relevant products of our company. Do not use it for other purposes to avoid losses.

Packing list

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