

Shenzhen Suntech Co.,Ltd

Material code:

Product model :  
BSL1/BSL2

Version : V 2.0



# PRODUCT SPECIFICATION

Product name: Bluetooth Copper wire led twinkle light

Product model: BSL1(5M)/ BSL2 (10M)

Version: V2.0

Compile	Audit	Approve

The Bluetooth copper wire light string can provide 16 million kinds of color light, 16 kinds of monochrome, 20 kinds of scenes, 4 kinds of music modes.

The light string controller has a built-in high-sensitivity microphone, which can make the light of the light string change with the surrounding sound. Open your favorite song list, and the light will rhythm with the music, setting off a better atmosphere for the party.

The control methods of the light string are diverse and simple. The remote control can quickly adjust the lights, and you get what you want; the mobile APP can make more refined adjustments to the lights, and the buttons on the controller allow you to calmly deal with various unexpected situations. . The light string has a memory function. After turning it off and then turning it on again, the light string is still the last set light. With the timing function, the light string can be lit up at any time.

## 1. Product pictures



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**2. Product specifications**

Serial NO.	Characteristic	Parameter	Remarks
1	Color	RGB (16 million color light))	
2	Power supply	USB power supply (with USB adapters and power banks on the market)	
3	Input voltage	DC 5V	
6	Bluetooth standard	BLE 5.0 (compatible with BLE 4.2)	
7	Bluetooth frequency	2.4GHz	
8	RX sensitivity	-92dBm	
9	Encryption type	WEP/TKIP/AES Embedded hardware AES encryption	
10	Built-in Mic	Have	
11	Remote control	Infrared remote control 24 keys	
12	Fixed way	Entangle	
13	Light string length	5M 33 LEDs (16.4ft) 10M 66 LEDs (32.8ft)	
14	Light string waterproof rating	IP44	
15	Product certification	CE/ROHS/FCC/UL588	
16	Product weight	5M-130g 10M-150g	Gross weight per box
17	Product packaging size	120*90*50mm	
18	Product carton size	520*375*288mm	
19	Product FCL Weight	5M 12.5KG 10M 14.3KG (90 boxes per carton)	Subject to final reality

### 3. Product function

#### 3.1 Function description

Serial NO.	Function	Description	Remarks
1	Infrared remote control	Through the remote control, you can control the on/off, color, scene, countdown, music mode and other states of the smart colorful light string.	
2	Mobile phone Bluetooth control	Through the mobile phone APP, you can control the on/off, color, scene, and music mode of the colorful light string in the Bluetooth connection environment.	
3	Manual control	You can control the on/off of the light string by clicking the corresponding button on the controller, switch the color of the light, and turn on/off the rhythm of the music.	
4	Music rhythm	The light string controller has a built-in high-sensitivity Mic, the light can freely change and dance with the surrounding music, and the music rhythm has 4 modes.	
5	Smart scene	Use the remote control or mobile app to select and switch the scene mode of the light string.	
6	Timing function	The remote control allows the light string to perform timing operations after a preset time; the mobile phone APP can arbitrarily set the number of minutes after which the light string performs timing operations.	

#### 3.2 Use environment

State	Temperature°C	Humidity R.H.
Work	-25~60°C	< 80%
Store	-40~80°C	< 80%

## 4. Operation steps

### Connect operation

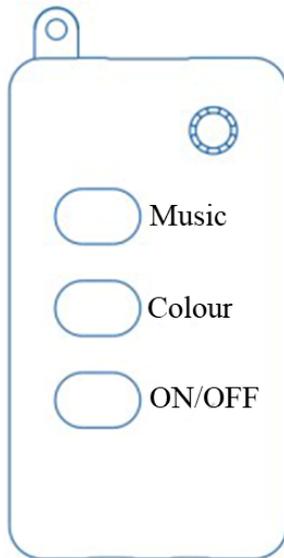
- 1 Open the Hello Fairy APP of the mobile phone and turn on the Bluetooth function of the mobile phone.
2. Click the refresh function in the upper right corner.
3. Select the corresponding light string and click Connect.
4. After prompting that the connection is successful, you can control the page for operation.

## 5. Warnings and precautions

1. Do not use or store the device in humid environments such as bathrooms and dusty or dirty places. This may damage components and electronic components.
2. Do not place the device in an overheated place. High temperature will shorten the life of the electronic device and damage the plastic parts of the product.
3. Do not hit or throw the device strongly, as doing so may damage its delicate structure.
4. Do not use harsh chemicals, cleaning or strong detergents to clean the equipment.
5. Do not use in flammable and explosive environments.
6. If you find abnormalities such as peculiar smell, heat, discoloration, deformation, etc., please stop using the equipment immediately and contact us.
7. During operation, if radio frequency interference occurs, the smart colorful light string may not work.
8. Do not place it in the reach of infants and young children. Children should use it under parental supervision.
9. When the product is powered on, please pay attention to the safety of electricity.
10. The controller can only be used indoors, and the light string can be used indoors and outdoors (see the information on page 2 for the waterproof level).

## 6. Controller and remote control function description

### Controller Buttons



Music: Corresponding to the remote control music mode

Press once to enter music mode 1

Press the second time to enter music mode 2

Press the third time to enter music mode 3

Press the fourth time to enter music mode 4

Press the fifth time to cycle to music mode 1

Colour: 20 dynamic modes

ON/OFF: Switch key

