

Shenzhen Suntech Co.,Ltd

Material code:

Product model :  
BWSL12

Version : V 2.0



# PRODUCT SPECIFICATION

Product name: Bluetooth G40 light string

Product model: BWSL12 (10M)

Version: V2.0

Compile	Audit	Approve

The smart colorful 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.

The smart colorful light string supports Amazon ECHO, Google Home and other voice speakers, and the light string can be controlled by voice.

## 1. Product pictures



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**2. Product specifications**

Serial NO.	Characteristic	Parameter	Remarks
1	Color	RGB (16 million color light))	
2	Number of lamp beads	10M (50 beads)	
3	Power supply	Waterproof power supply (110~220V)	
4	Input voltage	5V-1.2A	
5	Bluetooth standard	BLE 5.0 (compatible with BLE 4.2)	
6	Bluetooth frequency	2.4GHz	
7	RX sensitivity	-92dBm	
8	Encryption type	WEP/TKIP/AES Embedded hardware AES encryption	
9	Built-in Mic	Have	
10	Remote control	Infrared remote control 24 keys	
11	Fixed way	Entangle	
12	Light string length	10M (32.8 ft)	
13	Light string waterproof rating	Light string IP65/ controller IP55/ power supply IP44	
14	Product certification	CE/ROHS/FCC/UL	
15	Product weight	10M-970g	Gross weight per box
16	Product packaging size	237*135*160mm	
17	Product carton size	560*490*340mm	
18	Product FCL Weight	10M 16.4 KG (16 boxes per carton)	Subject to final reality

### 3. Product function

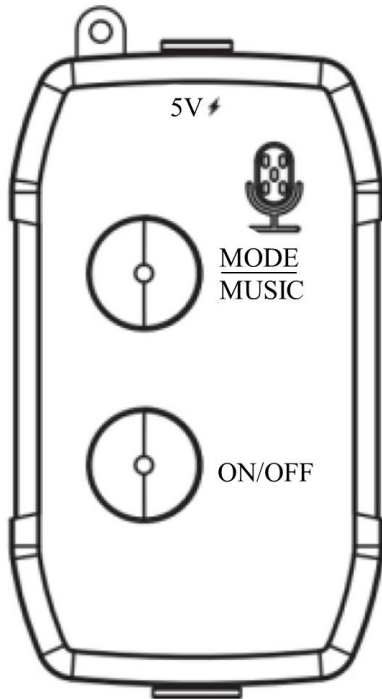
#### 3.1 Function description

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.	
7	Online upgrade	When a new version of the APP comes out, you can upgrade it online in the APP to add more functions.	

#### 3.2 Use environment

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

#### 4. Controller and remote control function description

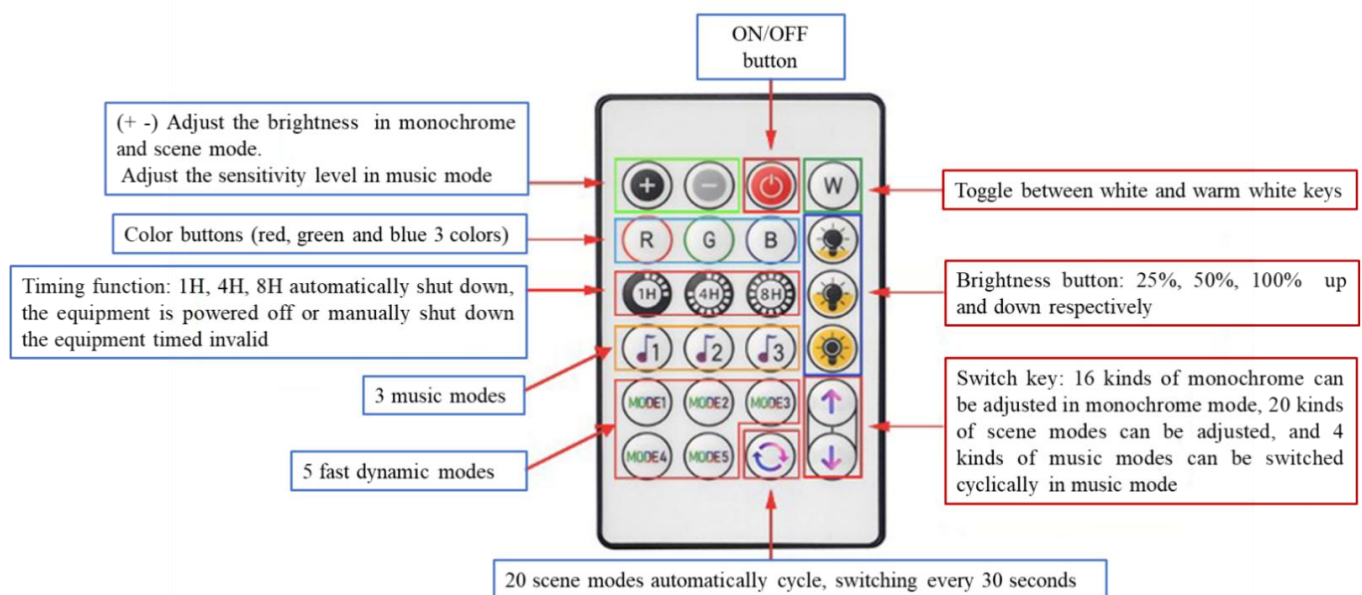


MODE/MUSIC: Long press for 3 seconds to switch between music mode or scene mode.

1. Short press to switch to music mode to switch 4 kinds of music mode effects.

2. Short press to switch to scene mode to switch 20 kinds of scene mode effects. (If the remote control or APP is set to monochrome mode, click the button to switch 16 kinds of monochrome)

ON/OFF: Short press the switch. Double-click to turn on and off the infrared receiver.



## 5. 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.

## 6. 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.