



# Shenzhen Sperll Optoelectronic Technology SP110E Bluetooth LED Controller Instruction Manual

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# Shenzhen Sperll Optoelectronic Technology SP110E Bluetooth LED Controller Instruction Manual



## SP110E Bluetooth LED controller operating instructions

### 1. Features:

1. App Control via Bluetooth 4.0, long Control distance, convenient to use;
2. Support almost every kind of one-wire or two-wire LED driver IC ;
3. Brightness adjustable, With 120 kinds of patterns, which are vivid and beautiful;
4. Support setting total pixel number, able to control up to 1024 pixels;
5. DC5V~12V wide working voltage, preventing reverse connection of power supply;
6. User setting saving;

### 2. App:

Both IOS version and Android OS version are available.

- Requires IOS version 10.0 or later;
- Requires Android OS version 4.4 or later;
- Search "LED Hue" in App Store or Google play or scan this QR code to download and install the App

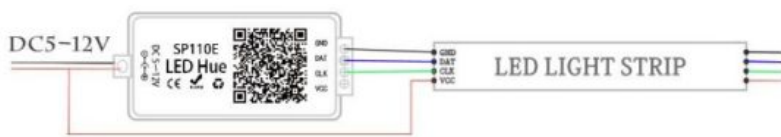


### 3. Specifications:

Working temperature : -20°C~60°C;  
Working Voltage : DC5V~12V;  
Working Current : 20mA~40mA;  
Remote distance : 20 Meters;  
Product size : 50mm\*20mm\*10mm;  
Product weight : 20g ;

Certificates : CE, RoHS;

## 4.Wire Connection



## FCC Warning

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:


- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

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