

# SP621E Mini Bluetooth Music Pixel LED Controller

## 1. Features:





1. Support APP control ;
2. Support automatic device connection and automatic re-connection when the APP turns on;
3. Support multiple devices grouping control;
4. Two sound collection methods: phone mic, player streaming;
5. Support modifying the device name, calibrate the RGB channel sequence, and timer function;
6. Compatible with the common single-line LED driver IC on the market, can drive up to 600 pixels;
7. Built-in 142 dynamic effects, effect length adjustable, with favour effects collecting function;
8. Built-in 18 music effects, effect length adjustable, sensitivity adjustable;
9. DC5~24V wide voltage input, the power supply has anti-reverse connection function;
10. Automatic saving function for setting parameters.

## 2. App Functions:

SP621E supports being controlled by APP, both IOS and Android version are available  
Apple devices are required IOS 10.0 or later, Android devices are required Android 4.4 or later  
You can scan the QR code to download and install the App.



App Operations:

- Open the App and click the  on the upper right corner of the homepage, add devices by scanning for devices, or creating a group of multiple added devices;  
Click on an individual device in the device list to access the control page to control the device individually;  
Click on a group in the group list to enter the control page to control all devices in the group at the same time;
  - User can modify the device name and calibrate the RGB channel sequence by clicking  on the upper right corner of the operation page.
  - User can set up to five timing events by clicking on  in the upper right corner, please note that all set timing events will be deleted when the controller is powered off.
  - In the effects page, there are a variety of music effects and non-music effects, users can set speed, brightness color and effect length for a specific effect.
- Note:** User can find more detailed information and help by clicking the  button in the top right corner.

## 3. Technical Parameters:

Working temperature:-20℃~60℃

Working voltage:DC5V~24V

Dimensions:35mm\*14mm\*7mm(Without wire)

Operating current:13mA~25mA

## 4. Wire Connection:

