

# SP613E/SP614E Bluetooth Music RGB/RGBW LED Controller

## 1. Features:

1. Supports both APP control and IR remote control;
2. Support automatic device connection and automatic reconnection when the APP turns on;
3. Support equipment grouping control;
4. Multiple sound collection methods: phone mic, player streaming, on-board mic;
5. Support modifying the device name, calibrate the RGB channel sequence, and timer function;
6. Build in Music and Non-Music effects;
7. DC5~24V wide voltage input, the power supply has anti-reverse connection function;
8. Automatic saving function for setting parameters.



## 2.App Functions:

SP613E/SP614E 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 and color for some specific effects.

**Note:** User can find more detailed information and help by clicking the button in the top right corner.

## 3.IR Remote Functions:

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ON	OFF	15 Static colors		White Brightness percentage 10%-100%		Mode -	Mode +	Hue-	Hue+		
Music Mode-	Music Mode+	Speed -	Speed +	Brightnes-	Brightnes+	Sensitivity-	Sensitivity+	4 DIY Mode			

## 4.Button Functions:

On/Off button : Turning on or off the LED light;

Mode button : Switching the effects;

Speed button : Adjusting the speed of the non-music effects.

## 5. Technical Parameters:

Working temperature:-20°C~60°C

Working voltage:DC5V~24V

Operating current:6mA~20mA

ControllerDimensions:60mm\*30mm\*14mm(Without wire)

Output channels: SP613E RGB 3 channels, SP614E RGBW 4 channels

Maximum output current:2A/Chanel(RGB), 1.5A/Chanel(RGBW)

Maximum output power: 5V: <30W; 12V:<72W; 24V:<144W

Remote control Dimensions: 125mm\*56mm\*7.5mm

## 6. Wire Connections(SP613E/SP614E):

