SP617E Bluetooth Music RGBW-IC LED Controller

1. Features:

1. Supports both APP control and IR remote control;

2. Support automatic device connection;

3. Support group control;

4. Multiple sound collection methods: phone mic, player streaming, on-board mic;

5. Support modifying the device name, calibrate the RGBW channel sequence, and timer function;

6. Compatible with the RGBW 4 channel single-line RZ code driver IC like SK6812, SM16704,
   UCS2904, WS2814, TM1824, etc...can drive up to 450 pixels;

7. Individually controllable static pure white light (W channel).

8. Built-in 152 dynamic effects(10 kinds of W channel effect), effect length adjustable, with favour effects collecting function;

9. Built-in 18 music effects, effect length adjustable, sensitivity adjustable;

10. DC5~24V wide voltage input, the power supply has anti-reverse connection function;
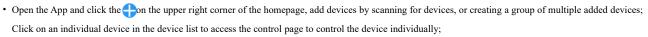
11. Automatic saving function for setting parameters.

2. App Functions:

SP617E 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

Search "**BanlanX**" on the App Store or Google Play or 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 RGBW 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.IR Remote Functions:

ON	OFF	R ~ W	RAINBOW	METEOR	STARS	FIRE	MODE ⌃	MODE ⌄	♡⌃	♡⌄
ON	OFF	16 Static colors	Rianbow	Meteor	Stars	Fire	Mode +	Mode -	Favorite Mode +	Favorite Mode -
(M)	(♡)	🎵⌃	🎵⌄	☀	☀	⟷ LENGTH	⟷ LENGTH	🎵	🎵	🎵	🎤
All Auto	Favorite Auto	Speed +	Speed -	Bright ness-	Bright ness+	Length +	Length -	Music Mode +	Music Mode -	Music Auto	Change Color

Note: The W button individually control the pure white(W channel); 10 kinds of W channel effects can be called out by button Mode + and Mode -.

4.Button Functions:

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

Mode button **M** : Switching the effects;

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

5. Technical Parameters：

Working temperature:-20℃~60℃   Working voltage:DC5V~24V

ControllerDimensions:60mm*30mm*14mm(not including the wires)   Operating current:15mA~28mA

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

6. Wire Connection：