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User Manual of the RGB LED Lights Controller

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RGB LED LIGHTS CONTROLLER

Features:

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



App Functions:

SP611E 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;
To download and install the app:



- Search for "Banlanx" in the App Store or Google Play.
- Alternatively, scan the provided QR code.



Using the App:

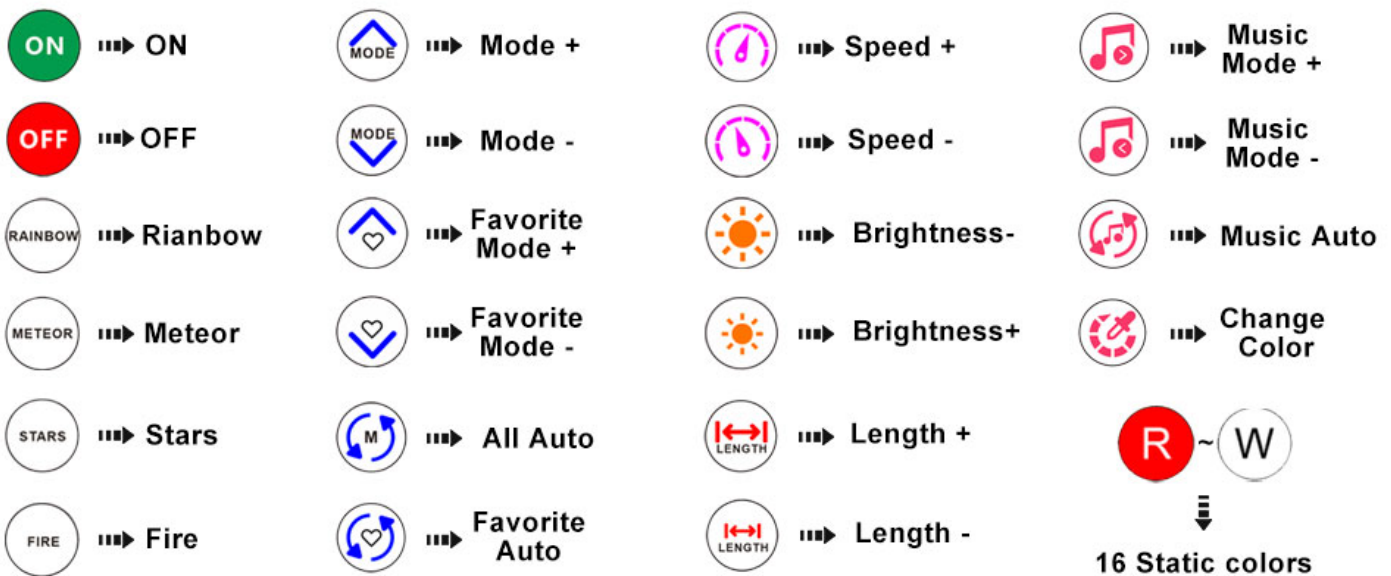
1. Open the app and click the **+** button on the top right corner of the homepage.
2. Add devices by scanning for available devices or create a group with multiple added devices.
3. Tap on an individual device in the device list to access its control page and control it individually.

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4. Tap on a group in the group list to enter the control page and control all devices in the group simultaneously.
5. To modify the device name and calibrate the RGB channel sequence, click the  button on the top right corner of the operation page.
 - To add devices or create groups, open the app and click the  button on the top right corner of the homepage.
 - In the effects page, users can find various music and non-music effects. Adjust the speed, brightness, color, and effect length for a specific effect.

Note: For more detailed information and help, users can click the  button in the top right corner.

IR Remote Functions



Technical Parameters:

Working temperature: $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$

Controller Dimensions: $60\text{mm} \times 30\text{mm} \times 14\text{mm}$
(not including the wires)

Remote control Dimensions: $125\text{mm} \times 56\text{mm} \times 7.5\text{mm}$

Working voltage: $\text{DC}5\text{V} \sim 24\text{V}$

Operating current: $9\text{mA} \sim 24\text{mA}$

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INYOUTH S_MIRROR

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