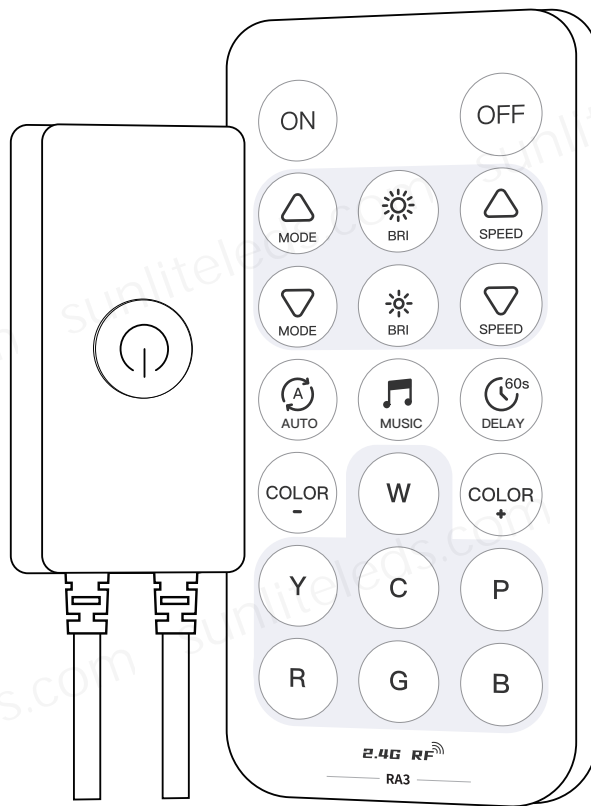


SP644E Instructions



SP644E 4CH PWM RGBW LED Controller



1. Brief:

Four-way PWM RGBW LED controller, with unique dynamics, music and DIY effects, allowing you to set the right ambience for any scene.

2. Features:


1. Support App control and 2.4G remote control;
2. Support dynamic, music and DIY effects for W channel and RGB channel respectively;
3. Support effect collection;
4. Capture music through the phone microphone, player streamer and on-board microphone;
5. With sequential channel calibration and ON/OFF timer functions;
6. Support OTA firmware upgrade.

3. APP:



1. SP644E supports App control for iOS and Android devices.
2. Apple devices require iOS 10.0 or higher, and Android devices require Android 4.4 or higher.
3. You can search “BanlanX” in App Store or Google Play to find the APP, or scan the QR code to download and install.

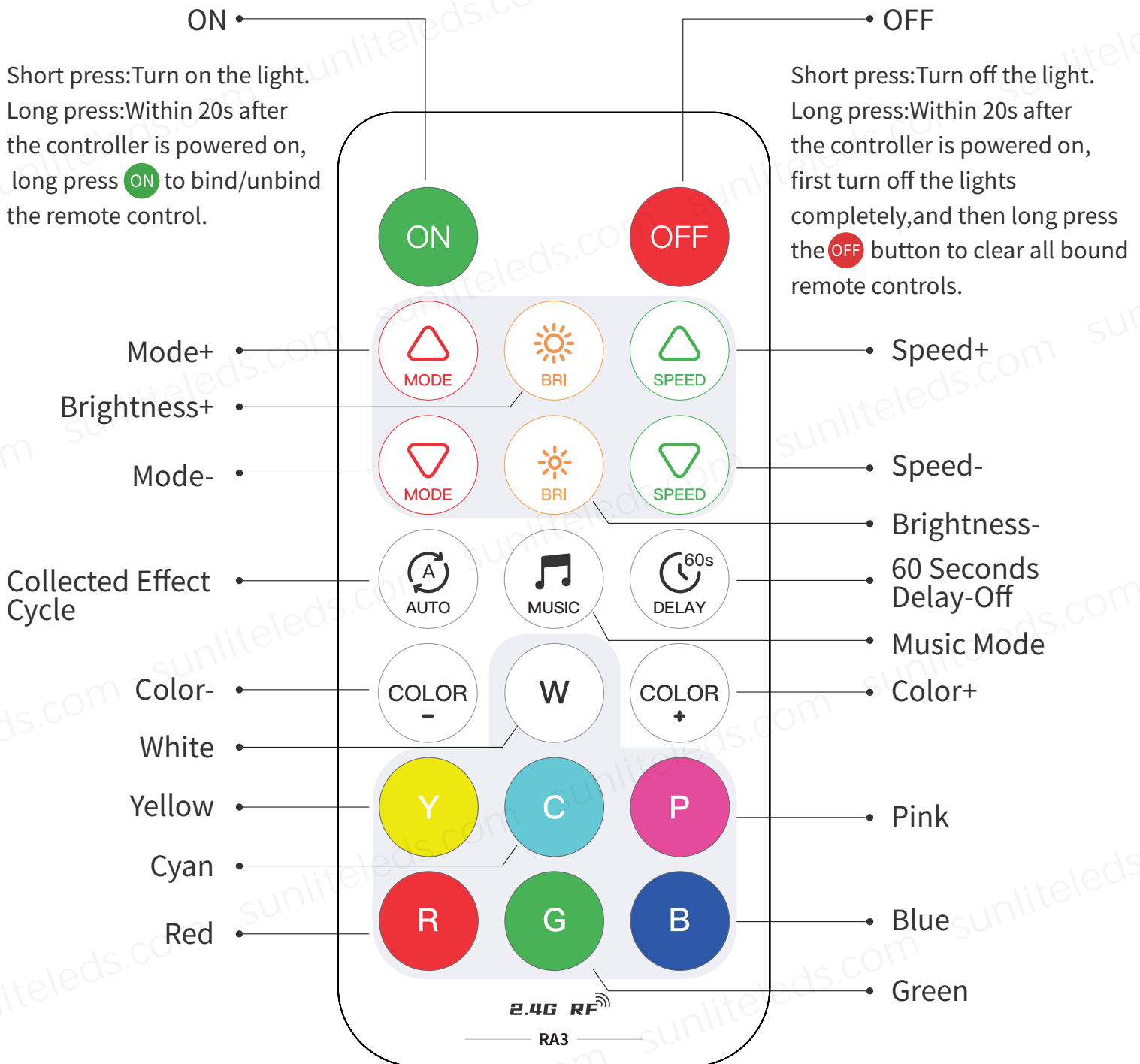
Operations

- Open the App, click the + icon in the top right corner of the home page to add device;
- Click the  icon in the upper right corner of the App to enter the settings page, where you can modify the device name, set the timings, set the on/off effect, OTA firmware upgrade, etc.

4. Work With 2.4G Remote Control:

The 2.4G remote control models (RA3) matched with SP644E are as follows:

- Support one-to-many control, one remote control can control multiple controllers.
- Support many-to-one control, each controller can bind up to 5 remote controls.



5. Technical Parameters:

Working Voltage: DC5V~24V	Working Current: 10mA~22mA
PWM Single Channel Maximun Output Current: 2A	PWM Total Maximun Output Current : 6A
Working Temp: -20°C~60°C	Dimension: 55mm*26mm*12mm (not including the wires)

6. Wiring

