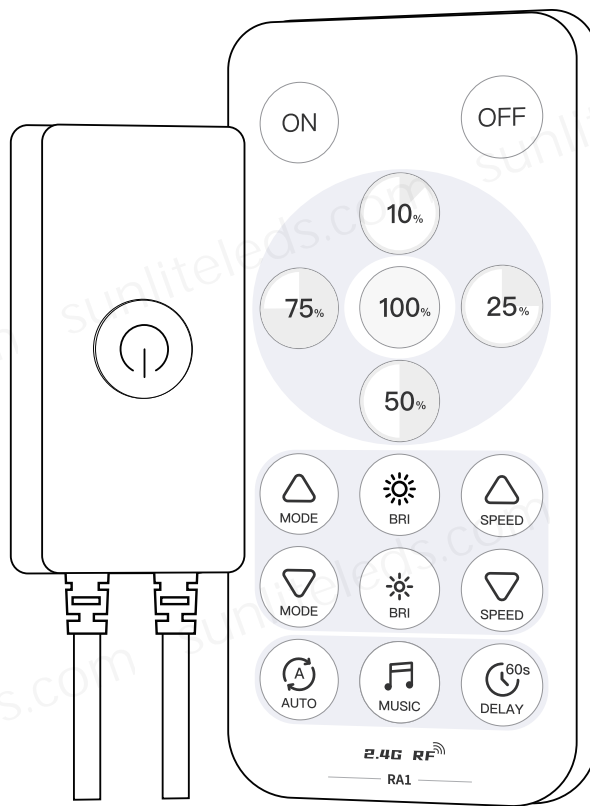


SP646E Instructions



SP646E SPI Single Color LED Controller



1. Brief:

Single color SPI LED controller, with build-in dynamic effects and music reactive effect.

2. Features:


1. Support App control and 2.4G remote control;
2. Supports up to 1800 channels of single-wire RZ LED driver ICs;
3. Built-in a variety of pure white light dynamic effects and music effects, with multiple adjustable parameters;
4. Capture music through the phone microphone, player streamer and on-board microphone;
5. Support effect collection;
6. With a variety of ON/OFF animation effects;
7. With ON/OFF timer function;
8. Support OTA firmware upgrade.

3. APP:



1. SP646E 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.

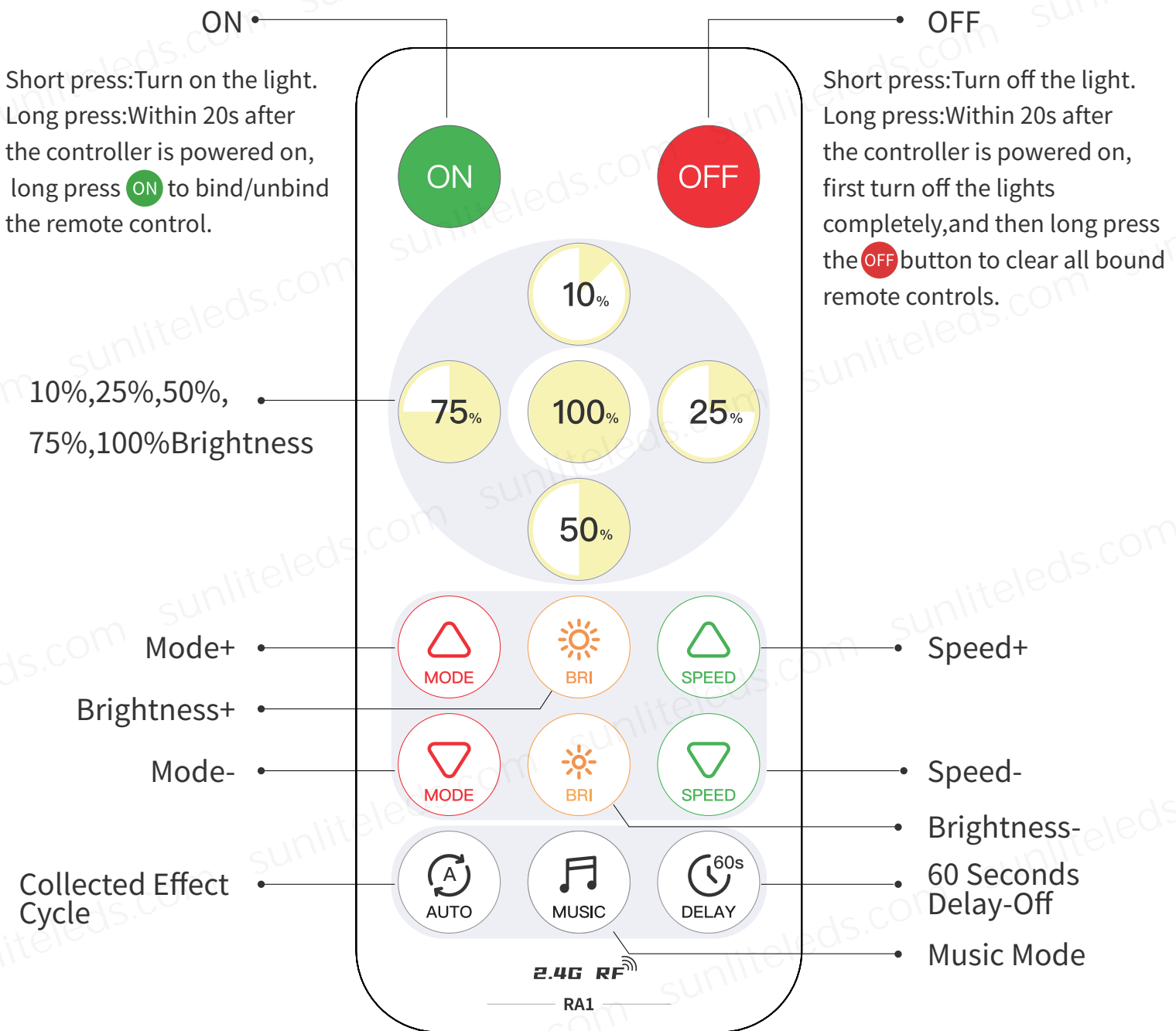
Operations

- 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 (RA1) matched with SP646E 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: 12mA~25mA
Working Temp: -20°C~60°C	Dimension: 55mm*26mm*12mm (not including the wires)

6. Wiring

