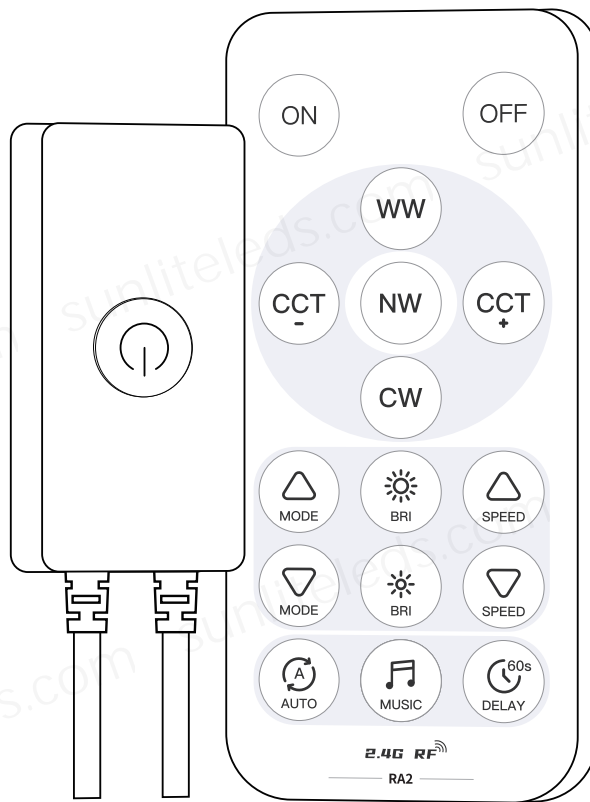


# SP642E Instructions



SP642E 2CH PWM LED Controller



# 1. Brief:

Dual-way PWM CCT LED controller, two PWM signals to achieve brightness and color temperature adjustment, with unique dynamic effects and music effects make your lighting more vivid.

# 2. Features:

1. Support App control and 2.4G remote control;
2. Support color temperature adjustment;
3. Build-in dynamic effects and music reactive effects;
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.SP642E 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.

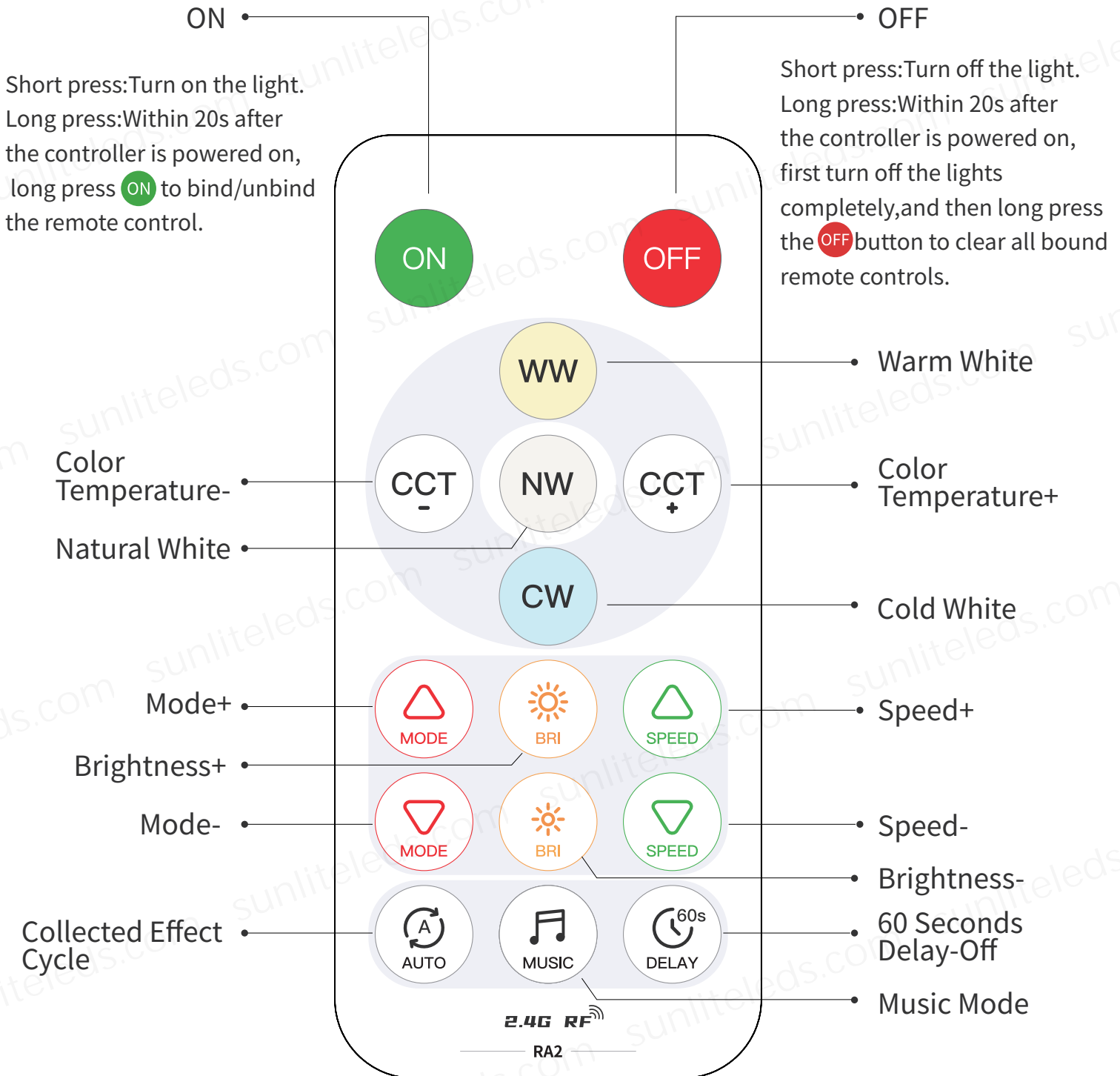
## Operations

- 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 (RA2) matched with SP642E 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	Working Temp: -20°C~60°C
Dimension: 55mm*26mm*12mm (not including the wires)	

## 6. Wiring

