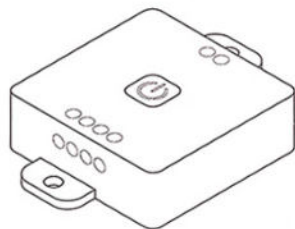


## SP636E Instructions



SP636E SPI Single Color LED Controller



### 1. Brief:

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

### 2. Features:

1. Support App control, 2.4G touch remote control and 2.4G touch 86-type control panel;
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.SP636E 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

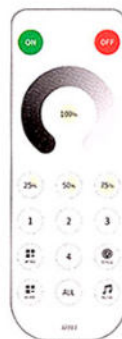
- Open the App, click the + icon in the top right corner of the home page to add device;
- Click the ⚙ icon in the upper right corner of the App to enter the settings page, where you can modify the device name, set the timings, set the on/off effect, OTA firmware upgrade, etc.

### 4. Work With 2.4G Touch Remote Control:

The 2.4G touch remote control models (RB1 and RC1) matched with SP636E 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.
- Support unified control and 4-zones control.

NOTE: For more information, refer to "2.4G Touch Remote Control Instructions"



RB1



RC1

(Requires separate purchase)

### 5. Technical Parameters:

Working Voltage: DC5V-24V	Working Current: 1mA-10mA
Working Temp: -20°C-60°C	Dimension: 78mm*56mm*20mm

### 6. Wiring

