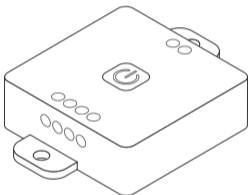# SP636E Instructions

SP636E SPI Single Color LED Controller

CE FC RoHS ♻

1.Brief:

Single color SPI 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℃~60℃	Dimension: 78mm*56mm*20mm

6.Wiring