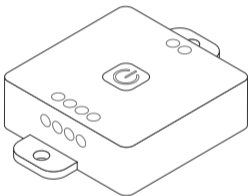


SP636E使用说明书



SP636E SPI单色LED控制器



一、简介：

SPI单通道单色LED控制器，对归零码单线驱动IC的通道独立控制进行调光，兼具静态调光、动态氛围、音乐效果等功能。

二、功能特点：

- 1、支持手机App、2.4G触控遥控器和2.4G触控86盒等多种控制方式；
- 2、支持常规归零码单线LED驱动IC，支持多达1800个通道；
- 3、支持多种白光动态效果和音乐效果，多参数调节；
- 4、支持手机麦克风、播放器串流和板载麦克风的音乐采集方式；
- 5、支持动态效果收藏，收藏列表循环播放；
- 6、支持多种开关机动画效果；
- 7、支持定时开关；
- 8、支持OTA固件升级。

三、手机APP：



1. SP636E支持App控制，支持iOS和安卓系统；
2. 苹果设备需要iOS10.0或更高版本，安卓设备需要Android 4.4或者高版本；
3. 可在App Store、Google Play搜索“BanlanX”找到APP，或者扫描二维码下载安装。

APP操作引导

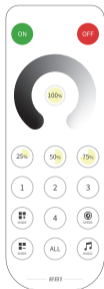
- 打开App点击首页右上角的 + 添加设备；
- 在操作界面点击右上角的 ⚙️ 进入设置界面，可以修改名称，定时开关，设置开关机效果，OTA固件升级等操作。

四、支持2.4G触控遥控：

与SP636E匹配的2.4G触控遥控器型号(RB1和RC1)如下：

- 支持一对多控制，一个遥控器可以控制多个控制器；
- 支持多对一控制，每个控制器可以绑定多最多5个遥控器；
- 支持统一控制和4个分区控制。

注：详细说明见《2.4G RF触控遥控器说明书》



RB1



RC1

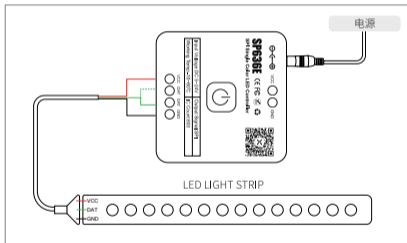
(RB1和RC1需另行购买)

五、技术参数：

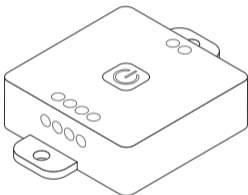
控制器参数

工作电压:DC5V~24V	工作电流:1mA~10mA
工作温度:-20°C~60°C	控制器尺寸:78mm*56mm*20mm

六、接口方式：



SP636E Instructions



SP636E 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, 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



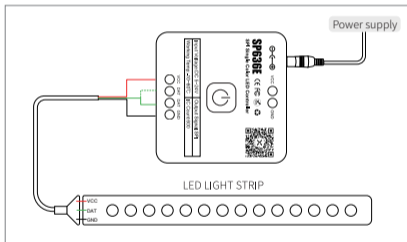
RC1

(Requires separate purchase)

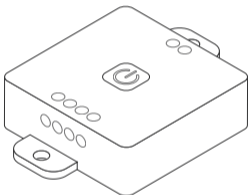
5. Technical Parameters:

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

6. Wiring



SP637E使用说明书



SP637E SPI CCT LED控制器



一、简介：

SPI双通道CCT LED控制器,对常规三通道归零码单线驱动IC的两个通道进行亮度和色温调节,兼具静态照明、动态氛围、音乐效果等功能。

二、功能特点：

- 1、支持手机App、2.4G触控遥控器和2.4G触控86盒等多种控制方式；
- 2、支持常规归零码单线三通道LED驱动IC (需空出一个通道),支持600个IC；
- 3、支持多种白光动态效果和音乐效果,多参数调节；
- 4、支持手机麦克风、播放器串流和板载麦克风的音乐采集方式；
- 5、支持动态效果收藏,收藏列表循环播放；
- 6、支持多种开关机动画效果；
- 7、支持定时开关；
- 8、支持OTA固件升级。

三、手机APP：



1. SP637E支持App控制,支持iOS和安卓系统；
2. 苹果设备需要iOS10.0或更高版本,安卓设备需要Android 4.4或者高版本；
3. 可在App Store、Google Play搜索“BanlanX”找到APP,或者扫描二维码下载安装。

APP操作引导

- 打开App点击首页右上角的 + 添加设备；
- 在操作界面点击右上角的 ⚙️ 可进入设置界面,可以修改名称,定时开关,设置开关机效果,OTA固件升级等操作。

四、支持2.4G触控遥控：

与SP637E匹配的2.4G触控遥控器型号(RB2和RC2)如下：

- 支持一对多控制，一个遥控器可以控制多个控制器；
- 支持多对一控制，每个控制器可以绑定多最多5个遥控器；
- 支持统一控制和4个分区控制。

注：详细说明见《2.4G RF触控遥控器说明书》



RB2



RC2

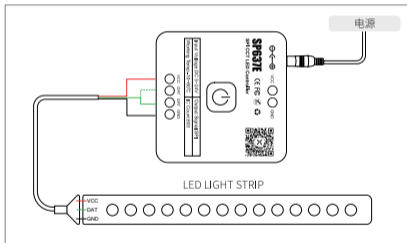
(RB2和RC2需另行购买)

五、技术参数：

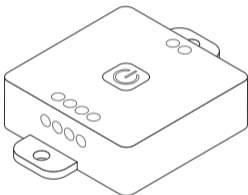
控制器参数

工作电压:DC5V~24V	工作电流:1mA~10mA
工作温度:-20°C~60°C	控制器尺寸:78mm*56mm*20mm

六、接口方式：



SP637E Instructions



SP637E SPI CCT LED Controller



1.Brief:

SPI dual channel addressable CCT LED controller, controlling 2 channels of single-wire RZ LED driver IC to achieve static dimming, dynamic effects, music effects.

2.Features:

1. Support App control, 2.4G touch remote control and 2.4G touch 86-type control panel;
2. Support up to 600 single-wire RZ RGB LED driver ICs;
3. Built-in a variety of CCT 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.SP637E 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 (RB2 and RC2) matched with SP637E 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"



RB2



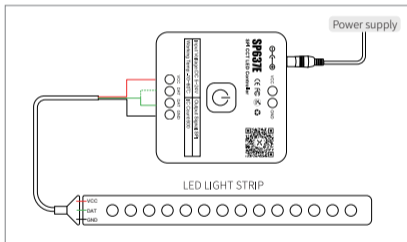
RC2

(Requires separate purchase)

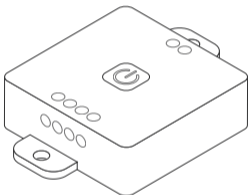
5. Technical Parameters:

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

6. Wiring



SP638E使用说明书



SP638E SPI RGB LED控制器



一、简介：

SPI 三通道RGB 幻彩LED控制器，特有的动态、音乐和自定义效果，场景氛围由你掌控。

二、功能特点：

- 1、支持手机App、2.4G触控遥控器和2.4G触控86盒等多种控制方式；
- 2、支持最多600个常规归零码三通道单线LED驱动IC；
- 3、内置多种音乐效果，动态效果，支持效果暂停，支持亮度、速度、方向和效果长度调节；
- 4、支持手机麦克风、播放器串流和板载麦克风的音乐采集方式；
- 5、支持动态效果收藏，收藏列表循环播放；
- 6、支持自定义效果；
- 7、支持多种开关机动画效果；
- 8、支持校准通道顺序和定时开关；
- 9、支持OTA固件升级。

三、手机APP：



1. SP638E支持APP控制，支持iOS和安卓系统；
2. 苹果设备需要iOS10.0或更高版本，安卓设备需要Android 4.4或者高版本；
3. 可在App Store、Google Play搜索“BanlanX”找到APP，或者扫描二维码下载安装。

APP操作引导

- 打开App点击首页右上角的 + 添加设备；
- 在操作界面点击右上角的 ⚙️ 进入设置界面，可以修改名称，定时开关，设置开关机效果，OTA固件升级等操作。

四、支持2.4G触控遥控：

与SP638E匹配的2.4G触控遥控器型号(RB3和RC3)如下：

- 支持一对多控制，一个遥控器可以控制多个控制器；
- 支持多对一控制，每个控制器可以绑定多最多5个遥控器；
- 支持统一控制和4个分区控制。

注：详细说明见《2.4G RF触控遥控器说明书》



RB3



RC3

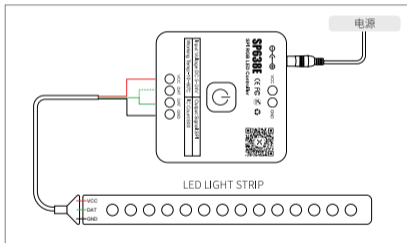
(RB3和RC3需另行购买)

五、技术参数：

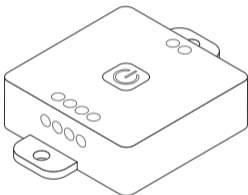
控制器参数

工作电压:DC5V~24V	工作电流:1mA~10mA
工作温度:-20°C~60°C	控制器尺寸:78mm*56mm*20mm

六、接口方式：



SP638E Instructions



SP638E SPI RGB LED Controller



1.Brief:

SPI three-channel addressable RGB LED controller, with unique dynamic, music and DIY effects to meet your lighting and ambiance needs.

2.Features:


1. Support App control, 2.4G touch remote control and 2.4G touch 86-type control panel;
2. Support up to 600 single-wire RZ RGB LED driver ICs;
3. Built-in a variety of music and dynamic effects, support effects pause, multi-parameter adjustable;
4. Capture music through the phone microphone, player streamer and on-board microphone;
5. Support effect collection;
6. support DIY effects;
7. With a variety of ON/OFF animation effects;
8. With sequential channel calibration and ON/OFF timer functions;
9. Support OTA firmware upgrade.

3.APP:



- 1.SP638E 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 (RB3 and RC3) matched with SP638E 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”



RB3



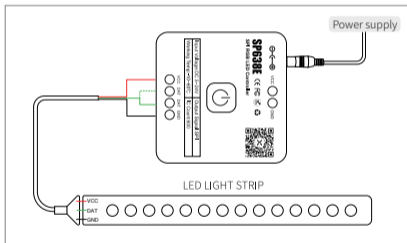
RC3

(Requires separate purchase)

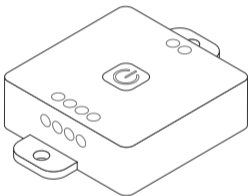
5. Technical Parameters:

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

6. Wiring



SP639E使用说明书



SP639E SPI RGBW LED控制器



一、简介：

SPI 四通道RGBW 幻彩LED控制器，自由控制RGB彩光和白光，兼具静态调光、动态氛围、音乐效果等功能。

二、功能特点：

- 1、支持手机App、2.4G触控遥控器和2.4G触控86盒等多种控制方式；
- 2、支持最多450个常规归零码四通道RGBW单线LED驱动IC；
- 3、内置多种音乐效果，动态效果，支持效果暂停，支持亮度、速度、方向和效果长度调节；
- 4、支持手机麦克风、播放器串流和板载麦克风的音乐采集方式；
- 5、支持动态效果收藏，收藏列表循环播放；
- 6、支持自定义效果；
- 7、支持多种开关机动画效果；
- 8、支持校准通道顺序和定时开关；
- 9、支持OTA固件升级。

三、手机APP：



1. SP639E支持App控制，支持iOS和安卓系统；
2. 苹果设备需要iOS10.0或更高版本，安卓设备需要Android 4.4或者高版本；
3. 可在App Store、Google Play搜索“BanlanX”找到APP，或者扫描二维码下载安装。

APP操作引导

- 打开App点击首页右上角的 + 添加设备；
- 在操作界面点击右上角的 ⚙️ 进入设置界面，可以修改名称，定时开关，设置开关机效果，OTA固件升级等操作。

四、支持2.4G触控遥控：

与SP639E匹配的2.4G触控遥控器型号(RB3和RC3)如下：

- 支持一对多控制，一个遥控器可以控制多个控制器；
- 支持多对一控制，每个控制器可以绑定多最多5个遥控器；
- 支持统一控制和4个分区控制。

注：详细说明见《2.4G RF触控遥控器说明书》



RB3



RC3

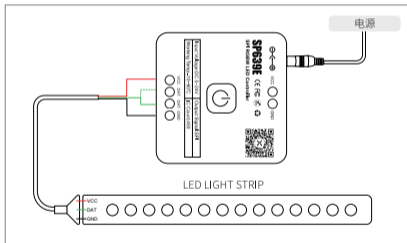
(RB3和RC3需另行购买)

五、技术参数：

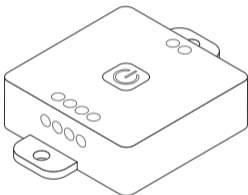
控制器参数

工作电压:DC5V~24V	工作电流:1mA~10mA
工作温度:-20°C~60°C	控制器尺寸:78mm*56mm*20mm

六、接口方式：



SP639E Instructions



SP639E SPI RGBW LED Controller



1.Brief:

SPI four-channel addressable RGBW LED controller, with unique dynamic, music and DIY effects to meet your lighting and ambiance needs.

2.Features:

1. Support App control, 2.4G touch remote control and 2.4G touch 86-type control panel;
2. Support up to 450 single-wire RZ RGBW LED driver ICs;
3. Built-in a variety of music and dynamic effects, support effects pause, multi-parameter adjustable;
4. Capture music through the phone microphone, player streamer and on-board microphone;
5. Support effect collection;
6. support DIY effects;
7. With a variety of ON/OFF animation effects;
8. With sequential channel calibration and ON/OFF timer functions;
9. Support OTA firmware upgrade.

3.APP:



- 1.SP639E 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 (RB3 and RC3) matched with SP639E 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”



RB3



RC3

(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

