

SP107E CONTROLLER

Description:

Suit For led Strip and LED Matrix Panel. Compatible with many LED driver IC except the no IC chip led strip. It is also suitable for many DIY projects. You can set up number of segments and pixels number of each segment according to the LED pixels array of your lights. This feature is perfect for LED matrix. or other DIY project.

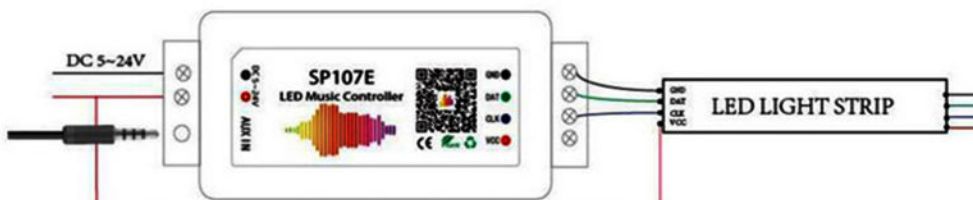


Features:

- Long distance APP remote control via WIFI/Bluetooth.
- Support routing mode (AP) and LAN connection mode (STA)
- Support almost every kind of one-wire or two-wire LED driver IC
- Brightness adjustable, with 180 kinds of patterns and 8 kind of color adjustable patterns.
- Creatively using from-image-to-effect method for user to DIY any effect
- Support setting pixel number and segments number, able to control up to 2048 pixels.
- DC5V~24V wide range working voltage, preventing reverse connection of power supply.



Connection diagram:



Specifications:

Voltage	DC5V~24V
Current	20mA~130mA
Working Temperature	-20~60 C
Remote distance	30 Meters
Dimension	3.3in * 1.7in * 0.8in
Weight	40g
Certificates	CE, RoHS

Audio input:

There are two ways to input the audio signal on SP107E, AUX IN, and Build-IN microphone

- 1) AUX IN:** Plug the supplied audio split cable into the “AUX IN” jack, connect the audio output source(MP3, Phone or tablet...)and the speaker(or headset), the controller will automatically switch into AUX input mode.
- 2) MIC:** Disconnect the audio cable, the controller will automatically switch into microphone input mode

APP Operations:

1. Search“LedShop” in App Store or Google play or scan this QR code to download and install the App.
2. Make sure you have turned on Bluetooth on your phone.
3. Open the APP, drag to refresh the device list, select device name “SP107E” to connect the controller, once connected you will able to rename your controller.
4. Select RGB order and IC type.
5. Adjust the pixel number.
6. Press ENTER.

