

## 5-in-1 Smart LED Controller, PWM & SPI, 1–5 Channel, 2.4 GHz Bluetooth

### OVERVIEW

The C-SP5IN1-SMRT is a hybrid LED controller combining PWM and addressable SPI control in a single unit, supporting up to 12 LED types across 1–5 channels. Compatible configurations include single-color, CCT, RGB, RGBW, RGB CCT, and combined SPI+PWM setups, making it suitable for a wide range of commercial and residential LED installations.

The controller operates via 2.4 GHz Bluetooth using the BanlanX app (iOS 10.0+ and Android 4.4+), providing five control pages: dynamic, static, music, custom, and settings. Three music capture modes are supported—cell phone microphone, player streaming, and onboard microphone. Zone control allows segmentation into up to four independent zones, and the unit is also compatible with 2.4 GHz touch remote controls and 86-type wall panels. Device name modification, color order calibration, timer scheduling, and power-on state configuration are all available through the app.

### SPECIFICATIONS

<b>Input voltage</b>	24 V	<b>Weight</b>	0.2 lb
<b>Dimensions</b>	3 x 3 x 1 in		