



Bluetooth SPI LED Controller with Music Sensor, 960 Pixel Capacity

- Controls addressable SPI LED strips or panels up to 960 pixels
- Bluetooth wireless connectivity for app-based control
- Integrated music sensor syncs lighting effects to audio
- Suitable for both indoor and outdoor installations
- Rated LED lifetime of 50,000 hours
- 1-year manufacturer warranty

OVERVIEW

The C-SP-BT960-Music is a Bluetooth-enabled SPI LED controller designed to drive addressable LED strips or panels with up to 960 pixels. It is intended for decorative and event lighting applications where dynamic visual effects and audio synchronization are required.

The controller connects wirelessly via Bluetooth and includes an integrated music sensor that synchronizes lighting output to ambient audio. Scene customization is managed through a mobile app. The unit is described as suitable for both indoor and outdoor installations, and the LED load supports a rated lifetime of 50,000 hours.

The controller is backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

LED Lifetime 50,000 h

ORDERING

Warranty 1 y

APPLICATIONS

- Party and event lighting
- Decorative architectural lighting
- Retail display lighting
- Outdoor landscape accent lighting
- Home theater or entertainment lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
led_lifetime_h	50,000 h	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.