



Bluetooth SPI Pixel Controller, 2048 Pixel Capacity, Wireless Control

- Controls up to 2048 pixels via Bluetooth wireless connection
- Uses SPI protocol for pixel data communication
- Real-time pixel status interface for on-site troubleshooting
- Compact form factor for integration into existing enclosures
- Rated for 50000 hour LED lifetime
- 1 year warranty coverage

OVERVIEW

The C-SP-BT2048 is a Bluetooth-enabled SPI pixel controller designed to drive up to 2048 pixels without wired signal connections. It is intended for professional installations where wireless control simplifies deployment in pixel-based lighting applications.

The controller communicates via SPI protocol and provides a user-facing interface that displays real-time pixel status information, supporting efficient on-site troubleshooting. Its compact form factor is suited for integration into existing control enclosures or installations where space is limited.

The LED lifetime rating is 50000 hours, and the product carries a 1 year warranty.

SPECIFICATIONS

OPTICAL

LED Lifetime	50,000 h
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ORDERING

Warranty	1 y
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APPLICATIONS

- Architectural pixel lighting installations
- Retail display and signage pixel control
- Stage and event pixel effect systems
- Integration into existing lighting control enclosures

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.