



12-Key SPI Controller for Single-Color Running Water LED Strips, 12-24V, 2048 Pixels

- Operates on 12V or 24V DC power supplies
- Supports up to 2048 pixels per configuration
- Includes 28 built-in dynamic lighting modes
- 12-key remote control with up to 15-meter range
- Controls single-color running water LED strip effects

OVERVIEW

The C-SP1-RC-1 is a 12-key SPI controller designed for single-color running water LED strips. It is intended for use in commercial and architectural lighting installations where dynamic, sequenced white-channel effects are required.

The controller supports both 12V and 24V DC power supplies, accommodating a broad range of existing infrastructure. It handles up to 2048 pixels, providing capacity for extended or complex strip configurations. Twenty-eight built-in lighting modes allow selection of varied dynamic effects without external programming. Wireless remote operation is supported at a range of up to 15 meters.

SPECIFICATIONS

ELECTRICAL

Operating Voltage12-24 V

APPLICATIONS

- Architectural accent lighting
- Commercial signage displays
- Retail storefront lighting
- Decorative facade installations
- Event and stage lighting

PROVENANCE — REVIEW COPY ONLY

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operating_voltage	12-24 V	pdf	high

Specifications subject to change without notice.