

RGB RF Touch LED Controller, 3-Channel, 216W/12V or 432W/24V

OVERVIEW

The C-3-R216-S is a 3-channel RGB RF touch LED controller system consisting of a handheld touch transmitter and a PWM receiver/driver unit. Designed for RGB LED strip and fixture control in commercial and residential installations, it operates via 433.92 MHz RF wireless communication with a control range of up to 20 meters. The touch interface provides access to 16 preset color-changing modes and a color ring for direct color selection, supporting up to 6.4 million dimming steps across the RGB channels.

The receiver operates on DC 12V or 24V input with 3 output channels rated at 6A per channel, yielding a maximum load of 216W at 12V or 432W at 24V. Output is configured for common anode connections. The unit is rated for operating temperatures from -40°C to 60°C (-40°F to 140°F), making it suitable for a range of indoor and controlled outdoor environments. The transmitter is powered by three AAA batteries.

No third-party certifications are confirmed in the available source documentation for this product. Contractors and specifiers should verify compliance requirements with their local authority having jurisdiction prior to installation. No warranty terms are specified in the available product documentation.

SPECIFICATIONS

Input voltage	12/24 V	Operating temp	-40 to 60 °C
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