



## 2-Channel RF Touch Remote Controller, 12-24V DC, 288-576W

- Dual-channel design for independent control of two load zones
- Touch-based interface with integrated real-time display screen
- Operates on 12-24V DC input power
- Rated power output of 288-576W
- Compact 5 × 5 × 2 in enclosure weighing 0.6 lb
- Ambient operating temperature range of 0-40°C

### OVERVIEW

The C-2-R288 is a 2-channel RF touch remote controller designed for managing LED lighting or other low-voltage electrical loads in commercial and residential applications. Its dual-channel configuration allows simultaneous independent control of multiple devices from a single unit, with a touch-based interface and integrated display screen for real-time status feedback.

The controller operates on 12-24V DC input and supports a total power output range of 288-576W. The compact 5 × 5 × 2 in enclosure weighs 0.6 lb and is rated for ambient operating temperatures of 0-40°C, making it suitable for retrofit and new-construction installations where localized zone control is required.

The unit carries a 1-year warranty.

### SPECIFICATIONS

#### OPTICAL

|              |          |
|--------------|----------|
| LED Lifetime | 50,000 h |
|--------------|----------|

#### ELECTRICAL

|                   |         |
|-------------------|---------|
| Operating Voltage | 12-24 V |
|-------------------|---------|

|         |           |
|---------|-----------|
| Wattage | 288-576 W |
|---------|-----------|

#### MECHANICAL

|                    |              |
|--------------------|--------------|
| Product Dimensions | 5 × 5 × 2 in |
|--------------------|--------------|

|        |        |
|--------|--------|
| Weight | 0.6 lb |
|--------|--------|

#### ENVIRONMENTAL

|                               |                      |
|-------------------------------|----------------------|
| Ambient Operating Temperature | 0-40 °C<br>32-104 °F |
|-------------------------------|----------------------|

#### ORDERING

|          |     |
|----------|-----|
| Warranty | 1 y |
|----------|-----|

### APPLICATIONS

LED strip lighting zone control

Retrofit low-voltage lighting installations

Commercial building lighting management

Residential accent lighting control

| slug               | value        | source | confidence |
|--------------------|--------------|--------|------------|
| led_lifetime_h     | 50,000 h     | db     | high       |
| operating_voltage  | 12~24 V      | db     | high       |
| wattage            | 288~576 W    | db     | high       |
| product_dimensions | 5 × 5 × 2 in | db     | high       |
| weight             | 0.6 lb       | db     | high       |
| ambient_temp_c     | 0~40 °C      | db     | high       |
| warranty_years     | 1 y          | db     | high       |

Specifications subject to change without notice.

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