The Control4® Square Dual Load Wireless Switch combines two relays and a configurable keypad for on/off control of up to two loads. The keypad can be configured with two to seven buttons using five different button sizes for a total of 38 possible configurations.

- Provides independent control of up to two different loads.
- Wireless communication and standard wiring provide easy installation in new construction and retrofit environments.
- Compatible with a variety of load types including incandescent, halogen, electronic low-voltage (solid state) transformers, magnetic (iron core) low-voltage transformers, fluorescents, compact fluorescents, LEDs, and motors.
- Continuously measures energy being used by the attached load.
- Elegant, sophisticated design makes a beautiful addition to any home or business.
- Custom engraving available to clearly identify each button.
- Backlit button engraving with programmable color control for easy readability regardless of time of day or light level.
- Programmable RGB LEDs provide status feedback for lighting and other devices in the system.
- Configure with two to seven buttons using five different button sizes for a total of 38 possible configurations.
- Easy reconfiguration means there's no need to worry about how many buttons will be needed on a specific switch before (or even after) installation.
- Ships as “neutral” device with no buttons included. Keypad-style button kit and Rocker-style button kits sold separately in a variety of colors (see “Available accessories”).
- Ambient light sensor automatically adjusts backlight and status LED brightness depending on the light level in the room.
- Control4® screw-less faceplates, sold separately, provide a sleek profile (see “Available accessories”).
- Installs in standard square (UK/China-style) single-gang wall box.
- Not compatible with round (EU-style) or UK-style double-gang wall boxes.
## Control4® Square Dual Load Wireless Switch

### Model number
C4-SDSW240-N

### Power
- **Power requirements**: 230VAC +/-10%, 50/60 Hz
  - This device requires a neutral connection.
- **Power consumption**: 950mW

### Load types and ratings
- **Supported load types**: Incandescent, halogen, electronic (solid state) low-voltage (ELV) transformer, magnetic (iron core, inductive) low-voltage (MLV) transformer, compact fluorescent, LED, and motor.

### Maximum load per output

<table>
<thead>
<tr>
<th>Load Type</th>
<th>Max Load (A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Incandescent (tungsten)</td>
<td>4</td>
</tr>
<tr>
<td>Halogen</td>
<td>4</td>
</tr>
<tr>
<td>Fluorescent</td>
<td>3</td>
</tr>
<tr>
<td>Compact fluorescent (CFL)</td>
<td>3</td>
</tr>
<tr>
<td>LED</td>
<td>1</td>
</tr>
<tr>
<td>MLV</td>
<td>2</td>
</tr>
<tr>
<td>ELV</td>
<td>2</td>
</tr>
<tr>
<td>Motors</td>
<td>1/8 HP</td>
</tr>
</tbody>
</table>

### Environmental
- **Operational temperature**: 0°C - 40°C (32°F - 104°F)
- **Humidity**: 5% to 95% non-condensing
- **Storage**: -20°C - 70°C (-4°F - 158°F)

### Miscellaneous
- **Control communications**: ZigBee Pro, IEEE 802.15.4, 2.4 GHz, 15-channel spread spectrum radio
- **Wires per connector**: One 0.5 mm² - 2.5 mm² or two 0.5 mm² - 1.5 mm²
- **Dimensions**: 81 x 81 x 30 mm (3.2 x 3.2 x 1.2 in.)
- **Depth in wall box**: 25.8 mm (1.0 in.)
- **Minimum wall box depth**: 35 mm (1.4 in.)
- **Weight**: 0.113 kg (0.25 lb.)
- **Shipping weight**: 0.159 kg (0.35 lb.)

### Available accessories
- **Square Device Keypad Button Kit (C4-CKSK-xx)**
  - WH, SW, BL, MB, AU
- **Square Device Rocker Button Kit (C4-CKSR-xx)**
  - WH, SW, BL, MB, AU
- **Square Single-gang Faceplate (C4-SFP1-xx)**
  - WG, BG, WH, LA, IV, BR, BL, SW, MB, BI, AU, SN, SS, VB, CH, MS
  - Glass: 95 x 95 x 8.0 mm (3.7 x 3.7 x 0.3 in.)
  - Metal and plastic: 85 x 85 x 7.5 mm (3.3 x 3.3 x 0.3 in.)
- **Engraved Button, Single High (C4-EBD1H-xx)**
  - WH, LA, IV, BR, BL, SW, MB, BI, AU
- **Engraved Button, Double High (C4-EBD2H-xx)**
  - WH, LA, IV, BR, BL, SW, MB, BI, AU
- **Engraved Button, Triple High (C4-EBD3H-xx)**
  - WH, LA, IV, BR, BL, SW, MB, BI, AU
- **Engraved Button, Rocker (C4-EBDR-xx)**
  - WH, LA, IV, BR, BL, SW, MB, BI, AU

**Glass colors**: WG=White, BG=Black  
**Gloss colors**: WH=White, LA=Light Almond, IV=Ivory, BR=Brown, BL=Black  
**Satin colors**: SW=Snow White, MB=Midnight Black, BI=Biscuit, AU=Aluminum  
**Metal finishes**: CH=Chrome, MS=Matte Stainless, SN=Satin Nickel, VB=Venetian Bronze, CH=Chrome, MS=Matte Stainless