

# CONTROL4 WIRELESS KEYPAD DIMMER, CONTEMPORARY



## CONTROL4® C4-KD120-C, C4-KD240-C, C4-KD277-C

Control4's new Contemporary Lighting is designed to elevate lighting control and aesthetics. With a beautiful design that suits the smart home of today, Contemporary Lighting gives you a new industrial design that customers will love.

Transform a standard light switch or dimmer into a fully customizable keypad and dimmer. This product combines the dimming capabilities of the Control4 Wireless Adaptive Phase Dimmer with the flexibility of the Control4 Wireless Configurable Keypad for truly personalized smart lighting control.

The keypad dimmer can be configured to control almost anything, from your music and garage doors to security systems, lights, and more. The keypad dimmer can be configured with two to seven buttons, using four different button sizes, for a total of 37 possible configurations. Personalize the keypad dimmer based on how your system is set up using custom backlit engraving on each button. Available in 10 stylish colors and finishes. 120V, 240V, or 277V.

Faceplates are not included—remember to order faceplates separately.

- Turns a standard light switch or dimmer into a fully customizable keypad and dimmer.
- Includes a button kit with every button necessary to make any of the 37 possible button configurations.
- Compatible with a variety of load types, including LEDs, incandescent, halogen, and electronic low-voltage transformers, magnetic (iron core) low-voltage transformers, fluorescents, compact fluorescents.
- Supports both forward-phase (leading edge) and reverse-phase (trailing edge) dimming.
- Automatically detects load type and determines the appropriate dimming type.
- Protection circuitry prevents device damage in case of short circuit or excessive load.
- 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 at any light level or time of day.
- Programmable RGB LEDs provide status feedback for lighting and other devices in the system.
- Ambient light sensor automatically adjusts backlight and LED brightness depending on the light level in the room.
- Available in a wide array of gloss and satin colors (see "Available colors").
- Control4 screw-less faceplates, sold separately, provide a sleek profile (see "Available accessories").
- California Title 20 compliant. See [ctrl4.co/title20](http://ctrl4.co/title20) for more information on Title 20 / Title 24 compliance.

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## SPECIFICATIONS

Model number	C4-KD120-C, C4-KD240-C, C4-KD277-C		
Power requirements	C4-KD120-C: 120VAC +/-10%, 50/60 Hz C4-KD240-C: 220VAC +/-10%, 50/60 Hz C4-KD277-C: 277VAC +/-10%, 50/60 Hz This device can function with or without a neutral AC connection, depending on load type.		
Power consumption	C4-KD120-C: 450mW C4-KD240-C: 2.02W C4-KD277-C: 550mW		
Control communications	Zigbee, IEEE 802.15.4, 2.4 GHz, 15-channel, spread-spectrum		
<u>Load types/ratings</u>	Incandescent, halogen; electronic (solid state) low-voltage (ELV) transformers, magnetic (iron core, inductive) low-voltage (MLV) transformers <sup>1</sup> , phase-dimmable fluorescents, compact fluorescents, and LEDs.		
	C4-KD120-C maximum load		
	<b>1 Gang</b>	<b>2 Gang</b>	<b>3+ Gang</b>
Incandescent (tungsten)	600W	550W	500W
Halogen <sup>1</sup>	600W	550W	500W
Fluorescent <sup>2</sup>	300W	300W	300W
Compact fluorescent (CFL) <sup>2</sup>	300W	300W	300W
LED <sup>1,2</sup>	120W	120W	120W
	C4-KD240-C reverse-phase maximum load		
	<b>1 Gang</b>	<b>2 Gang</b>	<b>3+ Gang</b>
Incandescent (tungsten)	800W	700W	600W
Halogen <sup>1</sup>	800W	700W	600W
Fluorescent <sup>2</sup>	500W	500W	500W
Compact fluorescent (CFL) <sup>2</sup>	500W	500W	500W
LED <sup>1,2</sup>	160W	160W	160W
	C4-KD240-C forward-phase maximum load		
	<b>1 Gang</b>	<b>2 Gang</b>	<b>3+ Gang</b>
Incandescent (tungsten)	400W	400W	400W
Halogen <sup>1</sup>	400W	400W	400W
Fluorescent <sup>2</sup>	400W	400W	400W
Compact fluorescent (CFL) <sup>2</sup>	400W	400W	400W
LED <sup>1,2</sup>	160W	160W	160W
	C4-KD277-C maximum load		
	<b>1 Gang</b>	<b>2 Gang</b>	<b>3+ Gang</b>
Incandescent (tungsten)	1000W	900W	800W
Halogen <sup>1</sup>	1000W	900W	800W
Fluorescent <sup>2</sup>	500W	500W	500W
Compact fluorescent (CFL) <sup>2</sup>	500W	500W	500W
LED <sup>1,2</sup>	200W	200W	200W

## MORE INFO

Find details of the product's Limited Warranty at [snapav.com/warranty](http://snapav.com/warranty) or request a paper copy from Customer Service at **866.424.4489**.

Find other legal resources, such as regulatory notices and patent information, at [snapav.com/legal](http://snapav.com/legal).

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	Minimum load (with neutral), all models
All load types <sup>1,2</sup>	1W
	Minimum load (without neutral)
Incandescent (tungsten)	7W
Halogen <sup>1</sup>	7W
Fluorescent <sup>2</sup>	N/A
Compact fluorescent (CFL) <sup>2</sup>	N/A
LED <sup>1,2</sup>	N/A

### Notes:

<sup>1</sup>When dimming magnetic (MLV) loads, each transformer must be loaded to at least 50% of its maximum load.

<sup>2</sup>The minimum and maximum load requirements for fluorescent, CFL, and LED loads can vary greatly depending on the specific fixture and/or bulb being used. The quality and performance of these load types vary greatly from manufacturer to manufacturer.

## Mechanical and Environmental

Weight	0.05 kg (0.12 lb)
Shipping weight	0.1 kg (0.22 lb)
Wall box volume	94.2 cubic cm (5.75 cubic in.)
Operational temperature	0 to 40 °C (32 to 104 °F) All load ratings are based on an ambient temperature of 25 °C (77 °F).
Storage temperature	-20 to 70 °C (-4 to 158 °F)
Humidity	5% to 95% non-condensing

## Available colors

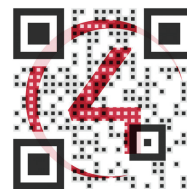
C4-KD120-C	AU, BI, BL, BR, GR, IV, LA, MB, SW, WH
C4-KD240-C	AU, BI, BL, MB, SW, WH
C4-KD277-C	AU, BI, BL, BR, GR, IV, LA, MB, SW, WH

## Available accessories

Faceplate, 1 Gang (C4-FP1-xx)	AU, BI, BL, BR, CH*, GR, IV, LA, MB, MS*, SN*, SW, WH, VB*
Faceplate, 2 Gang (C4-FP2-xx)	AU, BI, BL, BR, GR, IV, LA, MB, MS*, SN*, SW, WH, VB*
Faceplate, 3 Gang (C4-FP3-xx)	AU, BI, BL, BR, GR, IV, LA, MB, MS*, SN*, SW, WH, VB*
Faceplate, 4 Gang (C4-FP4-xx)	AU, BI, BL, BR, GR, IV, LA, MB, MS*, SN*, SW, WH, VB*
Color Kit (C4-CKKD-xx)	AU, BI, BL, BR, GR, IV, LA, MB, SW, WH
Engraved Button, Single High (C4-EBD1H-xx)	AU, BI, BL, BR, GR, IV, LA, MB, SW, WH
Engraved Button, Double High (C4-EBD2H-xx)	AU, BI, BL, BR, GR, IV, LA, MB, SW, WH
Engraved Button, Triple High (C4-EBD3H-xx)	AU, BI, BL, BR, GR, IV, LA, MB, SW, WH

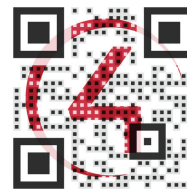
**Gloss colors:** BL=Black, BR=Brown, GR=Gray, IV=Ivory, LA=Light Almond, WH=White  
**Satin colors:** AU=Aluminum, BI=Biscuit, MB=Midnight Black, SW=Snow White  
**Metal finishes:** CH=Chrome, MS=Matte Stainless, SN=Satin Nickel, VB=Venetian Bronze  
 \*Coming soon

MOST RECENT DATA SHEET REVISION



[ctrl4.co/wkd-c-ds](http://ctrl4.co/wkd-c-ds)

120V/277V INSTALLATION GUIDE



[ctrl4.co/wkd-ig](http://ctrl4.co/wkd-ig)

240V INSTALLATION GUIDE



[ctrl4.co/wkd240-ig](http://ctrl4.co/wkd240-ig)