CONTROL4 WIRELESS ADAPTIVE PHASE DIMMER, CONTEMPORARY

CONTROL4® C4-APD120-C, C4-APD240-C, C4-APD277-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.

The Control4 Wireless Adaptive Phase Dimmer is the dimmer of choice for virtually any load type. This dimmer eliminates much of the guesswork associated with choosing the right dimmer for the job and prevents the need to replace the dimmer if the load type changes in the future.

This elegant dimmer is compatible with a broad range of dimmable load types including most LEDs, incandescents, halogens, electronic low-voltage (solid-state) transformers, magnetic (iron core) low-voltage transformers, fluorescents, and compact fluorescents. Available in 10 stylish colors and finishes. 120V, 240V, or 277V.

Faceplates are not included—remember to order faceplates separately.

- Compatible with a variety of load types including LEDs, incandescent, halogen, electronic low-voltage (solid-state) transformers, magnetic (iron core) low-voltage transformers, fluorescents, and 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 which light each dimmer controls.
- 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.
- Ambient light sensor automatically adjusts backlight and LED brightness depending on the light level.
- 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* for more information on Title 20 / Title 24 compliance.

SPECIFICATIONS

Model number	C4-APD120-C, C4-APD240-C, C4-APD277-C
Power requirements	C4-APD120-C: 120VAC +/-10%, 50/60 Hz C4-APD240-C: 220VAC–240VAC +/-10%, 50/60 Hz C4-APD277-C: 277VAC +/-10%, 50/60 Hz This device can function with or without a neutral AC connection, depending on load type.
Power consumption	C4-APD120-C: 450mW C4-APD240-C: 1.94W C4-APD277-C: 550mW
Control communications	Zigbee, IEEE 802.15.4, 2.4 GHz, 15-channel, spread-spectrum
Load types/ratings	Incandescent, halogen; electronic (solid state) low-voltage (ELV) transformers, magnetic (iron core, inductive) low-voltage (MLV) transformers1, phase-dimmable fluorescents, compact fluorescents, and LEDs.

C4-APD120-C maximum load		
1 Gang	**2 Gang**	**3+ Gang**
Incandescent (tungsten) 600W	550W	500W
Halogen[1] 600W	550W	500W
Fluorescent[2] 300W	300W	300W
Compact fluorescent (CFL)[2] 300W	300W	300W
LED[1,2] 120W	120W	120W

C4-APD240-C reverse-phase maximum load		
1 Gang	**2 Gang**	**3+ Gang**
Incandescent (tungsten) 800W	700W	600W
Halogen[1] 800W	700W	600W
Fluorescent[2] 500W	500W	500W
Compact fluorescent (CFL)[2] 500W	500W	500W
LED[1,2] 160W	160W	160W

C4-APD240-C forward-phase maximum load		
1 Gang	**2 Gang**	**3+ Gang**
Incandescent (tungsten) 400W	400W	400W
Halogen[1] 400W	400W	400W
Fluorescent[2] 400W	400W	400W
Compact fluorescent (CFL)[2] 400W	400W	400W
LED[1,2] 160W	160W	160W

C4-APD277-C maximum load		
1 Gang	**2 Gang**	**3+ Gang**
Incandescent (tungsten) 1000W	900W	800W
Halogen[1] 1000W	900W	800W
Fluorescent[2] 500W	500W	500W
Compact fluorescent (CFL)[2] 500W	500W	500W
LED[1,2] 200W	200W	200W

MORE INFO

Find details of the product's Limited Warranty at **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**.

Control4

	Minimum load (with neutral), all models
All load types[1,2]	1W
	Minimum load (without neutral)
Incandescent (tungsten)	7W
Halogen[1]	7W
Fluorescent[2]	Not recommended
Compact fluorescent (CFL)[2]	Not recommended
LED[1,2]	Not recommended

Notes:
[1]When dimming magnetic (MLV) loads, each transformer must be loaded to at least 50% of its maximum load.
[2]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	0.08 kg (0.18 lb)
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
Wall box volume	94.2 cubic cm (5.75 cubic in.)

Available colors

C4-APD120-C	AU, BI, BL, BR, GR, IV, LA, MB, SW, WH
C4-APD240-C	AU, BI, BL, MB, SW, WH
C4-APD277-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-CKFPDAPD-xx)	AU, BI, BL, BR, GR, IV, LA, MB, SW, WH
Engraved Button, Rocker (C4-EBDR-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

MORE INFO

Find details of the product's Limited Warranty at **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**.

MOST RECENT DATA SHEET REVISION

ctrl4.co/**apd-c-ds**

120V/277V INSTALLATION GUIDE

ctrl4.co/**apd-ig**

240V INSTALLATION GUIDE

ctrl4.co/**apd240-ig**

201-00088-A
20210709MS

Control4