

# DIMMERS

*Control4 Dimmers allow you to replace any "dumb" dimmers with sleek, sophisticated dimmers that will not only provide elegant control of the lighting inside or outside of your home, but can also be programmed to respond automatically to desired light levels.*

## **FEATURES:**

- *Turns a standard light dimmer into a fully customizable dimmer that will respond to more than just lighting control.*
- *Sleek and sophisticated with screwless faceplates, and available in nine stylish colors with gloss and satin finishes.*
- *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.*

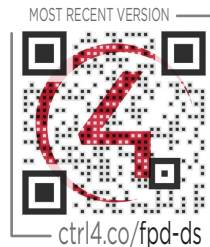
# Control4® Wireless Forward Phase Dimmer



## Control4® Wireless Forward Phase Dimmer, 120V - C4-FPD120

The Control4® Wireless Forward Phase Dimmer provides an economical solution for dimming forward phase compatible loads, including incandescents, line-voltage halogens, and magnetic transformers. The Forward Phase Dimmer is particularly useful when dimming high-wattage loads such as chandeliers and large banks of recessed lights.

- Compatible with incandescent, line-voltage halogen, and magnetic (iron core) transformers.
- Also compatible with forward-phase dimmable LEDs, CFLs, and fluorescents\*.
- 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 status 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.



## Control4® Wireless Forward Phase Dimmer

Model numbers	C4-FPD120		
Power requirements	120 VAC +/-10%, 50/60 Hz This device can function with or without a neutral AC connection depending on load type.		
Power consumption	450mW		
<b>Load types and ratings</b>			
Supported load types	Incandescent, halogen, magnetic (iron core, inductive) low-voltage (MLV) transformers, forward-phase dimmable fluorescents, compact fluorescents, and LEDs.		
<b>Maximum load</b>			
	<b>1 Gang</b>	<b>2 Gang</b>	<b>3+ Gang</b>
Incandescent (tungsten)	1000W	800W	600W
Halogen	1000W	800W	600W
Fluorescent*	500W	500W	500W
Compact fluorescent (CFL)*	500W	500W	500W
LED*	200W	200W	200W
<b>Minimum load (with neutral)</b>			
Incandescent (tungsten)		4.5W	
Halogen		4.5W	
Fluorescent*		4.5W	
Compact fluorescent (CFL)*		4.5W	
LED*		4.5W	
<b>Minimum load (without neutral)</b>			
Incandescent (tungsten)		25W	
Halogen		25W	
Fluorescent*		N/A	
Compact fluorescent (CFL)*		N/A	
LED*		N/A	
<b>Environmental</b>			
Operational temperature	32°F - 104°F (0°C - 40°C) All load ratings are based on an ambient temperature of 77°F (25°C).		
Humidity	5% to 95% non-condensing		
Storage	-4°F - 158°F (-20°C - 70°C)		
<b>Miscellaneous</b>			
Control communications	ZigBee, IEEE 802.15.4, 2.4 GHz, 15-channel, spread-spectrum radio		
Wall box volume	5.75 cubic inches		
Weight	0.12 lb. (0.05 kg)		
Shipping weight	0.18 lb. (0.08 kg)		
<b>Available colors</b>			
C4-FPD120-xx	WH, LA, IV, BR, BL, SW, MB, BI, AU		
<b>Available accessories</b>			
Faceplate, 1 Gang (C4-FP1-xx)	WH, LA, IV, BR, BL, SW, MB, BI, AU, SN, SS, VB		
Faceplate, 2 Gang (C4-FP2-xx)	WH, LA, IV, BR, BL, SW, MB, BI, AU, SN, SS, VB		
Faceplate, 3 Gang (C4-FP3-xx)	WH, LA, IV, BR, BL, SW, MB, BI, AU, SN, SS, VB		
Faceplate, 4 Gang (C4-FP4-xx)	WH, LA, IV, BR, BL, SW, MB, BI, AU, SN, SS, VB		
Color Kit (C4-CKFPDAPD-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		

**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:** SN=Satin Nickel, SS=Stainless Steel, VB=Venetian Bronze

\*NOTES: 1) The maximum load requirements for fluorescent, CFL, and LED loads can vary greatly depending upon the specific fixture and/or bulb being used. 2) The quality and performance of these load types varies greatly from manufacturer to manufacturer. 3) The use of fluorescent, CFL, or LEDs load without a neutral wire connected to the dimmer is not recommended.



# Control4® Wireless Adaptive Phase Dimmer



Control4® Wireless Adaptive Phase Dimmer, 120V—C4-APD120  
Control4® Wireless Adaptive Phase Dimmer, 240V—C4-APD240  
Control4® Wireless Adaptive Phase Dimmer, 277V—C4-APD277

The Control4® Wireless Adaptive Phase Dimmer is the dimmer of choice for virtually any load type. This dimmer eliminates much of the guess-work 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.

- 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 status 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.

## Control4® Wireless Adaptive Phase Dimmer

Model numbers	C4-APD120, C4-APD240, C4-APD277		
Power requirements	C4-APD120: 120VAC +/-10%, 50/60 Hz C4-APD240: 220VAC-240VAC +/-10%, 50/60 Hz C4-APD277: 277VAC +/-10%, 50/60 Hz  This device can function with or without a neutral AC connection depending on load type.		
Power consumption	C4-APD120: 714mW C4-APD240: 1.94W C4-APD277: 2.44W		
<b>Load types and ratings</b>			
Supported load types	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.		
<b>C4-APD120 maximum load</b>			
	<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
<b>C4-APD240 reverse phase maximum load</b>			
	<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
<b>C4-APD240 forward phase maximum load</b>			
	<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
<b>C4-APD277 maximum load</b>			
	<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
<b>Minimum load (with neutral), all models</b>			
	<b>C4-APD120</b>	<b>C4-APD240</b>	<b>C4-APD277</b>
All load types <sup>1,2</sup>	1.2W	2.4W	2.8W
<b>Minimum load (without neutral)</b>			
Incandescent (tungsten)	7W		
Halogen <sup>2</sup>	7W		
Fluorescent <sup>1,2</sup>	Not recommended		
Compact fluorescent (CFL) <sup>1,2</sup>	Not recommended		
LED <sup>1,2</sup>	Not recommended		

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.

## Control4® Wireless Adaptive Phase Dimmer

Environmental	
Operational temperature	32°F - 104°F (0°C - 40°C) All load ratings are based on an ambient temperature of 77°F (25°C).
Humidity	5% to 95% non-condensing
Storage	-4°F - 158°F (-20°C - 70°C)
Miscellaneous	
Control communications	ZigBee, IEEE 802.15.4, 2.4 GHz, 15-channel, spread-spectrum radio
Wallbox volume	5.75 cubic inches
Weight	0.12 lb. (0.05 kg)
Shipping weight	0.18 lb. (0.08 kg)
Available colors	
C4-APD120-xx	WH, LA, IV, BR, BL, SW, MB, BI, AU
C4-APD240-xx	WH, BL, SW, MB, BI, AU
C4-APD277-xx	WH, LA, IV, BR, BL, SW, MB, BI, AU
Available accessories	
Faceplate, 1 Gang (C4-FP1-xx)	WH, LA, IV, BR, BL, SW, MB, BI, AU, SN, SS, VB
Faceplate, 2 Gang (C4-FP2-xx)	WH, LA, IV, BR, BL, SW, MB, BI, AU, SN, SS, VB
Faceplate, 3 Gang (C4-FP3-xx)	WH, LA, IV, BR, BL, SW, MB, BI, AU, SN, SS, VB
Faceplate, 4 Gang (C4-FP4-xx)	WH, LA, IV, BR, BL, SW, MB, BI, AU, SN, SS, VB
Color Kit (C4-CKFPDAPD-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

**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:** SN=Satin Nickel, SS=Stainless Steel, VB=Venetian Bronze



# Control4® Wireless Adaptive Phase Dimmer



Control4® Wireless Adaptive Phase Dimmer, 120V—C4-APD120

Control4® Wireless Adaptive Phase Dimmer, 240V—C4-APD240

Control4® Wireless Adaptive Phase Dimmer, 277V—C4-APD277

The Control4® Wireless Adaptive Phase Dimmer is the dimmer of choice for virtually any load type. This dimmer eliminates much of the guess-work 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.

- 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 status 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.

## Control4® Wireless Adaptive Phase Dimmer

Model numbers	C4-APD120, C4-APD240, C4-APD277		
Power requirements	C4-APD120: 120VAC +/-10%, 50/60 Hz C4-APD240: 220VAC-240VAC +/-10%, 50/60 Hz C4-APD277: 277VAC +/-10%, 50/60 Hz  This device can function with or without a neutral AC connection depending on load type.		
Power consumption	C4-APD120: 714mW C4-APD240: 1.94W C4-APD277: 2.44W		
<b>Load types and ratings</b>			
Supported load types	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.		
<b>C4-APD120 maximum load</b>			
	<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
<b>C4-APD240 reverse phase maximum load</b>			
	<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
<b>C4-APD240 forward phase maximum load</b>			
	<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
<b>C4-APD277 maximum load</b>			
	<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
<b>Minimum load (with neutral), all models</b>			
	<b>C4-APD120</b>	<b>C4-APD240</b>	<b>C4-APD277</b>
All load types <sup>1,2</sup>	1.2W	2.4W	2.8W
<b>Minimum load (without neutral)</b>			
Incandescent (tungsten)	7W		
Halogen <sup>2</sup>	7W		
Fluorescent <sup>1,2</sup>	Not recommended		
Compact fluorescent (CFL) <sup>1,2</sup>	Not recommended		
LED <sup>1,2</sup>	Not recommended		

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.



## Control4® Wireless Adaptive Phase Dimmer

Environmental	
Operational temperature	32°F - 104°F (0°C - 40°C) All load ratings are based on an ambient temperature of 77°F (25°C).
Humidity	5% to 95% non-condensing
Storage	-4°F - 158°F (-20°C - 70°C)
Miscellaneous	
Control communications	ZigBee, IEEE 802.15.4, 2.4 GHz, 15-channel, spread-spectrum radio
Wallbox volume	5.75 cubic inches
Weight	0.12 lb. (0.05 kg)
Shipping weight	0.18 lb. (0.08 kg)
Available colors	
C4-APD120-xx	WH, LA, IV, BR, BL, SW, MB, BI, AU
C4-APD240-xx	WH, BL, SW, MB, BI, AU
C4-APD277-xx	WH, LA, IV, BR, BL, SW, MB, BI, AU
Available accessories	
Faceplate, 1 Gang (C4-FP1-xx)	WH, LA, IV, BR, BL, SW, MB, BI, AU, SN, SS, VB
Faceplate, 2 Gang (C4-FP2-xx)	WH, LA, IV, BR, BL, SW, MB, BI, AU, SN, SS, VB
Faceplate, 3 Gang (C4-FP3-xx)	WH, LA, IV, BR, BL, SW, MB, BI, AU, SN, SS, VB
Faceplate, 4 Gang (C4-FP4-xx)	WH, LA, IV, BR, BL, SW, MB, BI, AU, SN, SS, VB
Color Kit (C4-CKFPDAPD-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

**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:** SN=Satin Nickel, SS=Stainless Steel, VB=Venetian Bronze



# Control4® Wireless 0-10V Dimmer



Control4® Wireless 0-10V Dimmer, 120V/277V—C4-TV120277

Control4® Wireless 0-10V Dimmer, 240V—C4-TV240

The Control4® Wireless 0-10V Dimmer provides elegant, in-wall control of 4-wire 0-10V dimmable fluorescent ballasts and LEDs. Features the same sleek profile and customizable button backlighting and LEDs of other Control4® wireless lighting products.

- Capable of sinking or sourcing 100mA for control of up to 50 ballasts
- Built-in relay provides separate on/off control of line-voltage when required
- 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 status 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)

## Control4® Wireless 0-10V Dimmer

Model Number	C4-TV120277 and C4-TV240
Power Requirements	C4-TV120277: 110-277VAC +/-10%, 50/60Hz C4-TV240: 220VAC-240VAC +/-10%, 50/60Hz This device requires a neutral AC connection.
Power Consumption	120V: 485 mW 240V: 1.0W 277V: 1.18 W
<b>Load Types and Ratings</b>	
Supported Load Types	Four-wire 0-10V and 1-10V dimmable fluorescent ballasts and LEDs, sink or source.
Maximum Load (Switched Hot)	120V: 15A 240V: 10A 277V: 8A
Maximum Load (0-10V Control)	100mA sink or source
<b>Environmental</b>	
Operational Temperature	32° F - 104° F (0° C - 40° C) All load ratings are based on an ambient temperature of 25° C
Humidity	5% to 95% non-condensing
Storage	-4° F - 158° F (-20° C - 70° C)
<b>Miscellaneous</b>	
Control Communications	ZigBee, IEEE 802.15.4, 2.4 GHz, 15-channel spread spectrum radio
Wallbox Volume	5.75 cubic inches
Weight	0.12 lb. (0.05 kg)
Shipping Weight	0.18 lb. (0.08 kg)
<b>Available Colors</b>	
C4-TV120277-xx	WH, LA, IV, BR, BL, SW, MB, BI, AU
C4-TV240-xx	WH, BL, SW, MB, BI, AU
<b>Available Accessories</b>	
Faceplate, 1 Gang (C4-FP1-xx)	WH, LA, IV, BR, BL, SW, MB, BI, AU, SN, SS, VB
Faceplate, 2 Gang (C4-FP2-xx)	WH, LA, IV, BR, BL, SW, MB, BI, AU, SN, SS, VB
Faceplate, 3 Gang (C4-FP3-xx)	WH, LA, IV, BR, BL, SW, MB, BI, AU, SN, SS, VB
Faceplate, 4 Gang (C4-FP4-xx)	WH, LA, IV, BR, BL, SW, MB, BI, AU, SN, SS, VB
Color Kit (C4-CKFPDAPD-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

**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:** SN=Satin Nickel, SS=Stainless Steel, VB=Venetian Bronze

