

Cameo® Wireless In-Wall Dimmer, 277VAC

- > Available in all designer colors
- > infiNET EX® robust communication
- > Models popular Cameo® style
- > Configurable up to 4 buttons
- > Matching aesthetics across entire line
- > Stylish bargraph provides real-time status feedback



The CLW-DIMEX-277-P is a Cameo® in-wall dimmer which features field-replaceable and engravable buttons. Along with the entire line of new [Cameo products](#), it can be configured with various button layouts and designer colors, making the CLW-DIMEX-277-P more versatile and affordable than previous generations of in-wall dimmers. Its streamlined design matches the entire line of Cameo dimmers, switches and keypads, making it a great addition to new or retrofit installations. In addition to its attractive look and feel, infiNET EX® communication technology brings proven reliability to the CLW-DIMEX-277-P.

Field-Replaceable Button Faces

Like their cousin Cameo keypads, the buttons on the CLW-DIMEX-277-P can be swapped in the field, making it easy to change engraving or color after installation. The new rocker controller brings a familiar user interface to the Crestron in-wall dimmer, while the versatility of up to 4 buttons takes advantage of prime single-gang wall box real estate; use buttons to control in-room audio or lamps in addition to any other light connected to the system. The comprehensive list of designer colors blends the CLW-DIMEX-277-P into virtually any decor and style, suiting even the most exquisite space.

Integrated Keypad

Because the CLW-DIMEX-277-P is attached to the Crestron network, it can also function as a keypad, sending commands to trigger whole-room lighting scenes or distributed audio functions. Supporting up to four buttons, the in-wall dimmer serves as a great user control interface in any Crestron system. Its single-gang form factor maximizes control capability in a small space while increasing the opportunity for Crestron control in every room.

infiNET EX® Communications

Built on steadfast infiNET® technology, infiNET EX is the new standard in 2-way wireless connectivity. So robust, infiNET EX can handle installations in even the most urban settings. The redundant nature of its mesh networking technology means that a command will never be missed, resulting in faultless operation—something that is of the utmost importance when it comes to lighting control and home automation. The CLW-DIMEX-277-P harnesses this cutting edge wireless connectivity which affords it a level of robustness and dependability above other solutions.

SPECIFICATIONS

Load Ratings

Incandescent/Tungsten Halogen: 1000 W/VA;
Magnetic Low Voltage: 1000 W/VA;
Minimum Load: 25 Watts (with dedicated neutral connected);
 50 Watts (no dedicated neutral)

Power Requirements

277 Volts AC, 50/60Hz, line power

Controls

Button 1-4: Configurable for 1 to 4 single-action pushbuttons, programmable via control system
Dimming Ramp Rate: 5 seconds (default), software adjustable 0.01 to 10 seconds
Preset Fade Time: 2 seconds (default), software adjustable 0.01 to 120 seconds

LED Indicator

Feedback: (7) Green LED light pipe pinholes
Bargraph: (1) 7 segment bargraph display utilizing the 7 feedback LEDs

Wireless

RF Transceiver: 2-way RF, 2.4 GHz ISM Channels 11-26 (2400 to 2483.6 MHz), IEEE 802.15.4 compliant
Gateway: Requires a CEN-RFGW-EX RF gateway

Connections

Line: Brown wire
Remote: Yellow wire
Load: Red wire
Neutral: Blue wire
Ground: Green/ Yellow wire

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Environmental

Temperature: 32° to 104°F (0° to 40°C)

Humidity: 10% to 90% RH (non-condensing)

Enclosure

1-gang mountable in a 3-1/2 inch deep electrical box;
Requires decorator style faceplate (not included)

Dimensions

Height: 4.13 in (104.8 mm)

Width: 2.38 in (60.3 mm)

Depth: 1.88 in (47.7 mm)

Weight

4.9 oz (0.67 kg)

MODELS & ACCESSORIES

Available Models

CLW-DIMEX-277-P-A-S: Cameo® Wireless In-Wall Dimmer, 277VAC, Almond, Smooth

CLW-DIMEX-277-P-A-T: Cameo® Wireless In-Wall Dimmer, 277VAC, Almond, Textured

CLW-DIMEX-277-P-B-S: Cameo® Wireless In-Wall Dimmer, 277VAC, Black, Smooth

CLW-DIMEX-277-P-B-T: Cameo® Wireless In-Wall Dimmer, 277VAC, Black, Textured

CLW-DIMEX-277-P-BRN-S: Cameo® Wireless In-Wall Dimmer, 277VAC, Brown, Smooth

CLW-DIMEX-277-P-DA-S: Cameo® Wireless In-Wall Dimmer, 277VAC, Dark Almond, Smooth

CLW-DIMEX-277-P-DSK-T: Cameo® Wireless In-Wall Dimmer, 277VAC, Dusk, Textured

CLW-DIMEX-277-P-GRY-S: Cameo® Wireless In-Wall Dimmer, 277VAC, Gray, Smooth

CLW-DIMEX-277-P-IVR-S: Cameo® Wireless In-Wall Dimmer, 277VAC, Ivory, Smooth

CLW-DIMEX-277-P-LAT-T: Cameo® Wireless In-Wall Dimmer, 277VAC, Latte, Textured

CLW-DIMEX-277-P-W-S: Cameo® Wireless In-Wall Dimmer, 277VAC, White, Smooth

CLW-DIMEX-277-P-W-T: Cameo® Wireless In-Wall Dimmer, 277VAC, White, Textured

Included Accessories

CLW-BTN-RKR-A-S: Rocker Engravable Button Cap (blank), Almond, Smooth [Included Quantity for CLW-DIMEX-277-P-A-S: 1]

CLW-BTN-RKR-A-T: Rocker Engravable Button Cap (blank), Almond, Textured [Included Quantity for CLW-DIMEX-277-P-A-T: 1]

CLW-BTN-RKR-B-S: Rocker Engravable Button Cap (blank), Black,

Smooth [Included Quantity for CLW-DIMEX-277-P-B-S: 1]

CLW-BTN-RKR-B-T: Rocker Engravable Button Cap (blank), Black, Textured [Included Quantity for CLW-DIMEX-277-P-B-T: 1]

CLW-BTN-RKR-BRN-S: Rocker Engravable Button Cap (blank), Brown, Smooth [Included Quantity for CLW-DIMEX-277-P-BRN-S: 1]

CLW-BTN-RKR-DSK-T: Rocker Engravable Button Cap (blank), Dusk, Textured [Included Quantity for CLW-DIMEX-277-P-DSK-S: 1]

CLW-BTN-RKR-GRY-S: Rocker Engravable Button Cap (blank), Gray, Smooth [Included Quantity for CLW-DIMEX-277-P-GRY-S: 1]

CLW-BTN-RKR-IVR-S: Rocker Engravable Button Cap (blank), Ivory, Smooth [Included Quantity for CLW-DIMEX-277-P-IVR-S: 1]

CLW-BTN-RKR-LAT-T: Rocker Engravable Button Cap (blank), Latte, Textured [Included Quantity for CLW-DIMEX-277-P-LAT-T: 1]

CLW-BTN-RKR-W-S: Rocker Engravable Button Cap (blank), White, Smooth [Included Quantity for CLW-DIMEX-277-P-W-S: 1]

CLW-BTN-RKR-W-T: Rocker Engravable Button Cap (blank), White, Textured [Included Quantity for CLW-DIMEX-277-P-W-T: 1]

Available Accessories

CEN-RFGW-EX: infiNET EX® Wireless Gateway

CEN-RFGW-EX-PWE: infiNET EX® Wireless Gateway w/PoE Injector

CLW-BTN-LG-A-S: Large Engravable Button Cap, Almond, Smooth

CLW-BTN-LG-A-T: Large Engravable Button Cap, Almond, Textured

CLW-BTN-LG-B-S: Large Engravable Button Cap, Black, Smooth

CLW-BTN-LG-B-T: Large Engravable Button Cap, Black, Textured

CLW-BTN-LG-BRN-S: Large Engravable Button Cap, Brown, Smooth

CLW-BTN-LG-DA-S: Large Engravable Button Cap, Dark Almond, Smooth

CLW-BTN-LG-DSK-T: Large Engravable Button Cap, Dusk, Textured

CLW-BTN-LG-GRY-S: Large Engravable Button Cap, Gray, Smooth

CLW-BTN-LG-IVR-S: Large Engravable Button Cap, Ivory, Smooth

CLW-BTN-LG-LAT-T: Large Engravable Button Cap, Latte, Textured

CLW-BTN-LG-W-S: Large Engravable Button Cap, White, Smooth

CLW-BTN-LG-W-T: Large Engravable Button Cap, White, Textured

CLW-BTN-RKR-A-S: Rocker Engravable Button Cap, Almond, Smooth

CLW-BTN-RKR-A-T: Rocker Engravable Button Cap, Almond, Textured

CLW-BTN-RKR-B-S: Rocker Engravable Button Cap, Black, Smooth

CLW-BTN-RKR-B-T: Rocker Engravable Button Cap, Black, Textured

CLW-BTN-RKR-BRN-S: Rocker Engravable Button Cap, Brown, Smooth

CLW-BTN-RKR-DA-S: Rocker Engravable Button Cap, Dark Almond, Smooth

CLW-BTN-RKR-DSK-T: Rocker Engravable Button Cap, Dusk, Textured

CLW-BTN-RKR-GRY-S: Rocker Engravable Button Cap, Gray, Smooth

CLW-BTN-RKR-IVR-S: Rocker Engravable Button Cap, Ivory, Smooth

CLW-BTN-RKR-LAT-T: Rocker Engravable Button Cap, Latte, Textured

CLW-BTN-RKR-W-S: Rocker Engravable Button Cap, White, Smooth

CLW-BTN-RKR-W-T: Rocker Engravable Button Cap, White, Textured

CLW-BTN-SM-A-S: Small Engravable Button Cap, Almond, Smooth

CLW-BTN-SM-A-T: Small Engravable Button Cap, Almond, Textured

CLW-BTN-SM-B-S: Small Engravable Button Cap, Black, Smooth

CLW-BTN-SM-B-T: Small Engravable Button Cap, Black, Textured

CLW-BTN-SM-BRN-S: Small Engravable Button Cap, Brown, Smooth

CLW-BTN-SM-DA-S: Small Engravable Button Cap, Dark Almond, Smooth

CLW-BTN-SM-DSK-T: Small Engravable Button Cap, Dusk, Textured

CLW-DIMEX-277-P Cameo® Wireless In-Wall Dimmer, 277VAC

- CLW-BTN-SM-GRY-S: Small Engravable Button Cap, Gray, Smooth
- CLW-BTN-SM-IVR-S: Small Engravable Button Cap, Ivory, Smooth
- CLW-BTN-SM-LAT-T: Small Engravable Button Cap, Latte, Textured
- CLW-BTN-SM-W-S: Small Engravable Button Cap, White, Smooth
- CLW-BTN-SM-W-T: Small Engravable Button Cap, White, Textured

Notes:

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

Specifications subject to change without notice. Crestron is not responsible for errors in typography or photography.

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CAD DIAGRAMS

