CLW-DIMEX-277-P

CAMEO®

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

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-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.

The specific patents that cover Crestron products are listed online at: patents.crestron.com.

Cameo, Crestron, the Crestron logo, infiNET and infiNET EX are trademarks or registered trademarks of Crestron Electronics, Inc. in the United States, other countries or both. Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Crestron disclaims proprietary interest in the marks and names of others. ©2013 Crestron Electronics, Inc.

CAD DIAGRAMS

Crestron Electronics, Inc. 15 Volvo Drive | Rockleigh, NJ 07647
Tel: 800.237.2041 / 201.767.3400 | Fax: 201.767.1903
All Crestron products are proudly manufactured in the United States.

All brand names, product names and trademarks are the property of their respective owners.
©2013 Crestron Electronics, Inc.
Specifications subject to change without notice. Revised 03/01/2013