

CLWI-DIMUEX

Universal Phase In-Wall Dimmer, 230VAC

The CLWI-DIMUEX delivers native Crestron dimming control to any light, in new or retrofit 230 Volt applications. Featuring reliable infiNET EX® wireless technology, the CLWI can be installed in virtually any location thanks to reliable mesh networking. Universal dimming provides automatic compatibility with both forward and reverse phase loads.

Field-Replaceable and Engravable Buttons

The CLWI series features engravable buttons that can be swapped out in the field. Change of room décor or functionality is easy to handle long after the dimmer or switch has been installed. Positive snap-on fittings require no tools; configure the dimmer or switch with a large rocker, or any combination of up to two adjacent half-size rockers or triple button pad. Each CLWI ships with a full assortment of blank buttons as well.

Integrated Keypad

Because the CLWI 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 six buttons, the in-wall dimmer or switch serves as a great user control interface in any Crestron system. Its single-box form factor maximizes control capability in a small space while increasing the opportunity for Crestron control in every room. Also available are aesthetically-matched standalone keypads which use Cresnet® or infiNET EX® communications.

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 or ancient concrete walls. 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 CLWI series harnesses this cutting edge wireless connectivity which affords it a level of robustness and dependability above other solutions.

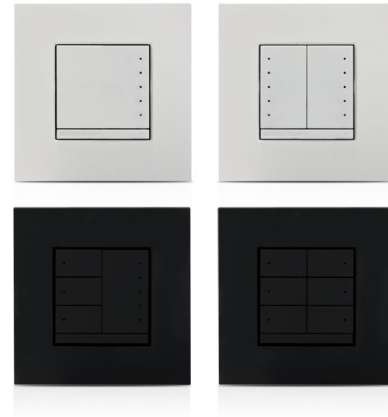
Streamlined Installation

In addition to field replaceable buttons, the CLWI series features screw-clamp connectors for simplified wiring while reducing installation time and material costs. So slim, the CLWI series can be installed in square gang boxes making them the perfect choice for both new and retrofit projects.

Remote Dimmer

The CLWI-DIMUEX supports dimming control of the same lighting load from more than one location—without requiring a special remote dimmer. Connect any standard maintained or momentary switch to the "remote" terminal on the CLWI-DIMUEX for on/off control; momentary "push-button" switches provide full dim up/down and on/off control. Easily replace existing dimmers and switches wired in a traditional multi-way circuit with dim control from every location, or design new projects to accommodate remote dimmers wherever desired.

- > *Field replaceable and engravable buttons*
- > *Available in anthracite or white finishes*
- > *infiNET EX robust communication*



- > *Configurable up to 6 buttons*
- > *Supports any 3rd party maintained or momentary switch for remote dimming*
- > *Screw-clamp connectors for easy installation*
- > *Stylish bargraph LED array provides real-time status feedback*

SPECIFICATIONS

Load Ratings

Load Types: Incandescent, Tungsten-Halogen, Magnetic Low Voltage, Dimmable CFL, Electronic Low Voltage, Phase Control Dimmable LED
Maximum Load: 450 VA/Watts

Power Requirements

230 Volts AC, 50Hz, line power

Controls

Buttons: Configurable for 1 rocker (up/down), or any combination of up to 2 small rockers and/or 2 three-button pad; maximum layout contains 6 buttons; each press configurable for up to 3 discrete functions via single click, double click and hold; 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: Up to (10) White LED pinholes, depending on button configuration

Wireless

RF Transceiver: 2-way RF, 2.4 GHz ISM Channels 11-26 (2400 to 2483.5 MHz), IEEE 802.15.4 compliant
Range (typical): Subject to site-specific conditions; range is increased by adding additional devices or wireless expander

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Gateway: Requires a CEN-RFGW-EX RF gateway

Connections

Hot: (1) 14-12 AWG, screw terminal, line power input

Remote: (1) 14-12 AWG, screw terminal, remote switch

Load: (1) 14-12 AWG, screw terminal, load output

Ground: (1) screw post, ground

Environmental

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

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

Enclosure

1-gang mountable in a 35 mm deep square or round electrical box; gangable in horizontal and vertical positioning; Requires faceplate (not included)^[1]

Dimensions

Height: 2.8 in (72 mm)

Width: 2.9 in (74 mm)

Depth: 1.3 in (33 mm) including front face w/ buttons

Weight

TBD

Available Models

CLWI-DIMUEX-ANTH: Universal Phase In-Wall Dimmer, 230VAC, Anthracite [Just Released]

CLWI-DIMUEX-W: Universal Phase In-Wall Dimmer, 230VAC, White [Just Released]

Notes:

1. Faceplate not included. Requires an FP-INTENSE or FP-PURE faceplate, available in 18 colors and finishes up to 5-gang in size. Contact Crestron International by phone: +32.15.50.99.50 or email: info@crestron.eu.

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.

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