CLWI-KPLEX

In-Wall Wireless Keypad, 230 VAC Line Powered

> *Versatile, in-wall keypad for control of lighting and audio*
> *Wireless infiNET EX® communications*
> *230 Volts AC line powered*
> *Field-replaceable, engravable buttons*
> *Customizable button layout*
> *Available in white or anthracite finishes*

The CLWI-KPLEX is a companion keypad for CLWI dimmers and switches; they share the same aesthetics. It provides lighting and audio control from more than one location around the home or office. Its customizable button layout can be set to recall scenes, dim up and down, and adjust volume. Featuring wireless infiNET EX® communications, the CLWI-KPLEX is powered by 230 VAC line power and is suited for installation in any space.

Field-Replaceable and Engravable Buttons

The CLWI-KPLEX features engravable buttons that can be swapped out in the field. Change of room décor or functionality is easy to handle long after the keypad has been installed. Positive snap-on fittings require no tools for installation. Configure the keypad with a large rocker switch or any combination of up to two adjacent half-size rocker switches or triple-button pads. Each CLWI-KPLEX ships with a full assortment of blank buttons as well.
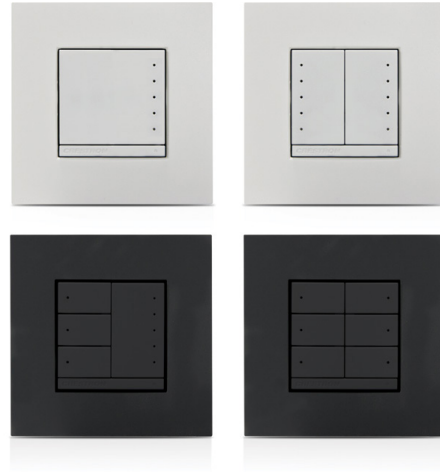
Multi-Function Keypad

The CLWI-KPLEX is connected to the Crestron® control system enabling it to perform any function that is desired. While it provides multi-way lighting control, it can also be configured to adjust audio volume and shades – and even call global presets such as "goodnight."

infiNET EX

Ultra-reliable infiNET EX wireless technology provides steadfast two-way RF communications throughout a residential or commercial structure without the need for physical control wiring. Employing a 2.4 GHz mesh network topology, each infiNET EX device functions as an expander, passing command signals through to every other infiNET EX device within range (approximately 150 feet or 46 meters indoors), ensuring that every command reaches its intended destination without disruption.[1]

The CLWI-KPLEX communicates with a Crestron control system via an infiNET EX Wireless Gateway (model CEN-GWEXER, DIN-AP3MEX, or MC3[2]). Up to 100 infiNET EX devices may coexist on a single wireless network, and every device that is added to the network effectively increases the range and stability of the entire network by providing multiple redundant signal paths.[1] Built-in Dynamic Frequency Allocation continuously monitors RF conditions, automatically selecting the clearest channel to prevent interference from neighboring networks, cordless phones, and microwaves.

SPECIFICATIONS

Wireless

RF Transceiver: infiNET EX® 2-way RF, 2.4 GHz ISM Channels 11-26 (2400 to 2483.5 MHz), default channel 15; IEEE 802.15.4 compliant
Range (Typical): 150 ft (46 m) indoor, 250 ft (76 m) outdoor to nearest mesh network device(s);
Subject to site-specific conditions and individual device capabilities[1]
Gateway: Requires an infiNET EX gateway[2]

Buttons

Configurable for (1) rocker (up/down) switch or any combination of up to (2) small rocker switches and (2) three-button strips;
Maximum layout contains (6) buttons;
Each button press is configurable for up to three discrete functions via single tap, double tap, and press and hold;
Button events are programmable via the control system

Power Requirements

220-240 Volts AC, 50/60 Hz, line power

Environmental

Temperature: 32° to 104° F (0° to 40° C)
Humidity: 10% to 90% RH (non-condensing)

Enclosure

Mountable in a 1-gang UK (BS 4662) electrical box or 1-gang European (DIN 49073) electrical box;
Requires a FP-INTENSE or FP-PURE style faceplate (both sold separately)

CRESTRON®

Dimensions

Height: 2.80 in (72 mm)
Width: 2.80 in (72 mm)
Depth: 1.24 in (32 mm) including front face w/ buttons

MODELS & ACCESSORIES

Available Models

CLWI-KPLEX-ANTH: In-Wall Wireless Keypad, 230VAC Line Powered, Anthracite
CLWI-KPLEX-W: In-Wall Wireless Keypad, 230VAC Line Powered, White

Available Accessories

CEN-GWEXER: infiNET EX® & ER Wireless Gateway
CEN-GWEXER-PWE: infiNET EX® & ER Wireless Gateway w/ PoE Injector
CENI-GWEXER: infiNET EX® & ER Wireless Gateway - International Version
CENI-GWEXER-PWE: infiNET EX® & ER Wireless Gateway w/ PoE Injector - International Version
MC3: 3-Series Control System® w/infiNET EX®
DIN-AP3MEX: DIN Rail 3-Series® Automation Processor w/infiNET EX®
CLW-EXPEX-GD-W-T: infiNET EX® Wireless Expander, Ground Pin Down, White Textured
GLA-EXPEX: Crestron Green Light® Wireless Expander for infiNET EX® Networks
CLWI-BTN-RKRLG-ANTH_ENGRAVED: Large Rocker Engravable Button Cap for International In-Wall Dimmers & Switches, Anthracite, Includes Custom Engraving
CLWI-BTN-RKRLG-W_ENGRAVED: Large Rocker Engravable Button Cap for International In-Wall Dimmers & Switches, White, Includes Custom Engraving
CLWI-BTN-RKRSM-ANTH_ENGRAVED: Small Rocker Engravable Button Cap for International In-Wall Dimmers & Switches, Anthracite, Includes Custom Engraving
CLWI-BTN-RKRSM-W_ENGRAVED: Small Rocker Engravable Button Cap for International In-Wall Dimmers & Switches, White, Includes Custom Engraving
CLWI-BTN-SM-ANTH_ENGRAVED: Small Engravable Button Cap for International In-Wall Dimmers & Switches, Anthracite, Includes Custom Engraving
CLWI-BTN-SM-W_ENGRAVED: Small Engravable Button Cap for International In-Wall Dimmers & Switches, White, Includes Custom Engraving
CLWI-BTN-RKRLG-ANTH_BLANK: Large Rocker Engravable Button Cap for International In-Wall Dimmers & Switches, Anthracite, Engraving Not Included
CLWI-BTN-RKRLG-W_BLANK: Large Rocker Engravable Button Cap for International In-Wall Dimmers & Switches, White, Engraving Not Included
CLWI-BTN-RKRSM-ANTH_BLANK: Small Rocker Engravable Button Cap for International In-Wall Dimmers & Switches, Anthracite, Engraving Not Included
CLWI-BTN-RKRSM-W_BLANK: Small Rocker Engravable Button Cap for International In-Wall Dimmers & Switches, White, Engraving Not Included

CLWI-BTN-SM-ANTH_BLANK: Small Engravable Button Cap for International In-Wall Dimmers & Switches, Anthracite, Engraving Not Included
CLWI-BTN-SM-W_BLANK: Small Engravable Button Cap for International In-Wall Dimmers & Switches, White, Engraving Not Included

Notes:

1. Any infiNET EX device that provides expander functionality will effectively extend the range of the wireless network beyond the initial range of the gateway. Battery-powered infiNET EX devices do not provide expander functionality. A dedicated infiNET EX Wireless Expander, model CLW-EXPEX or GLA-EXPEX, is also available.
2. Item(s) sold separately.

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.

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

Certain Crestron products contain open source software. For specific information, visit www.crestron.com/opensource.

CAD DRAWINGS

2.270 in
[57.66 mm]

2.000 in
[50.80 mm]

0.457 in
[11.60 mm]

1.239 in
[31.48 mm]

1.749 in
[44.44 mm]

1.753 in
[44.52 mm]

2.795 in
[70.99 mm]

2.882 in
[73.19 mm]