CLWI-KPLEX-BATT

On-Wall Wireless Lighting Keypad, Battery Powered

> *Versatile, on-wall keypad for control of lighting and audio*
> *Sticks onto any surface using preinstalled double-sided tape*
> *Wireless infiNET EX® communications*
> *Battery-powered*
> *Field-replaceable, engravable buttons*
> *Customizable button layout*
> *Available in white and anthracite finishes*

The CLWI-KPLEX-BATT is a companion keypad for CLWI dimmers and switches, sharing the exact 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. Battery-powered and featuring infiNET EX® wireless communications, the CLWI-KPLEX-BATT requires no wires for installation and mounts easily onto a surface using preinstalled double-sided tape. Consequently, it is perfect for discreet installation on auditorium lecterns, conference room tables, and hallway walls.

Field-Replaceable and Engravable Buttons

The CLWI-KPLEX-BATT 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. Configure the keypad with a large rocker, or any combination of up to two adjacent half-size rockers or triple button pad. Each CLWI-KPLEX-BATT ships with a full assortment of blank buttons as well.

Multi-Function Keypad

The CLWI-KPLEX-BATT 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 like "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-BATT communicates with a Crestron control system via an infiNET EX Wireless Gateway (model CEN-RFGW-EX, DIN-AP3MEX, or MC3[2]). Up to 100 infiNET EX devices may coexist on a single wireless network, and every non-battery-powered 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.
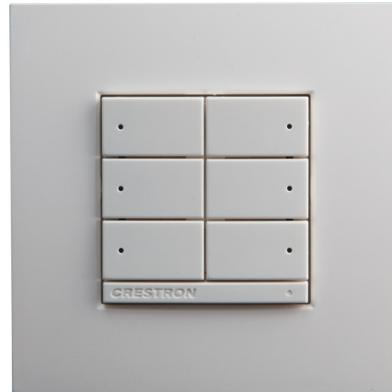
SPECIFICATIONS

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), 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

Power Requirements

CR2450, 3V Lithium Coin Cell Battery, 40 mA

Environmental

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

Enclosure

Surface mountable, no enclosure required; Requires a FP-INTENSE or FP-PURE style faceplate or a CLWIA-FP-1G-ANTH or CLWIA-FP-1G-W style faceplate (all sold separately)

Dimensions

Height: 2.85 in (73 mm)
Width: 2.85 in (73 mm)
Depth: 0.76 in (20 mm) including front face w/ buttons

CRESTRON®

Weight

2 oz (55 g)

MODELS & ACCESSORIES

Available Models

CLWI-KPLEX-BATT-ANTH: On-Wall Wireless Lighting Keypad, Battery Powered, Anthracite
CLWI-KPLEX-BATT-W: On-Wall Wireless Lighting Keypad, Battery Powered, White

Available Accessories

CEN-RFGW-EX: infiNET EX® Wireless Gateway
CEN-RFGW-EX-PWE: infiNET EX® Wireless Gateway w/PoE Injector
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
CLWIA-FP-1G-ANTH: Faceplate for CLWI-KPLEX-BATT, Anthracite
CLWIA-FP-1G-W: Faceplate for CLWI-KPLEX-BATT, White

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. Wireless networks composed predominantly of battery-powered devices may need additional infiNET EX expanders, such as the CLW-EXPEX or GLA-EXPEX (sold separately), or other non-battery powered infiNET EX devices to ensure proper functionality of the network and battery life for the devices. Refer to the **Best Practices for Installation and Setup of Crestron RF Products, Doc. #6689** for complete system design guidelines, or contact Crestron True Blue Support for further assistance.
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.

CAD DRAWINGS

2.85 in
(73 mm)

0.76 in
(20 mm)

2.85 in
(73 mm)

CRESTRON