CRESTRON ZUMLINK-KP-R Wired Keypad with Link Communication User Guide

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CRESTRON ZUMLINK-KP-R Wired Keypad with Link Communication

Zūm® Wired Keypad with Link Communication, Rocker Button

Getting Started

Scan the QR code to view the Quick Start Guide.

www.crestron.com/docs/8886

For additional information on the Crestron® ZUMLINK-KP-R, visit
www.crestron.com/model/6511187
Regulatory Model: M201937001
IMPORTANT NOTE: To comply with ISED CANADA and FCC RF exposure compliance requirements, the antenna used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co- located or operating in conjunction with any other antenna or transmitter.

FCC STATMENT

Federal Communications Commission (FCC) Compliance Statement
This device complies with part 15 of the FCC Rules. Operation is subject to the following conditions:

1. This device may not cause harmful interference
2. this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Please note that any modifications to the device software or configuration, including but not limited to the init file(s), can cause device performance to vary beyond the scope of the currently referenced FCC authorization. Accordingly, if any user modifications are sought to be made to the device software or configuration, the user may be required to independently seek fresh FCC and other regulatory authorizations as relevant prior to distributing or marketing the devices or products incorporating the same.
Industry Canada (IC) Compliance Statement
CAN ICES-3 (B)/NMB-3(B)
This device contains licence-exempt transmitter (s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

This product is Listed to applicable UL® Standards and requirements tested by Underwriters Laboratories Inc.

Legal

The product warranty can be found at **www.crestron.com/warranty**.
The specific patents that cover Crestron products are listed at **www.crestron.com/legal/patents**.
Certain Crestron products contain open source software. For specific information, visit **www.crestron.com/opensource**.

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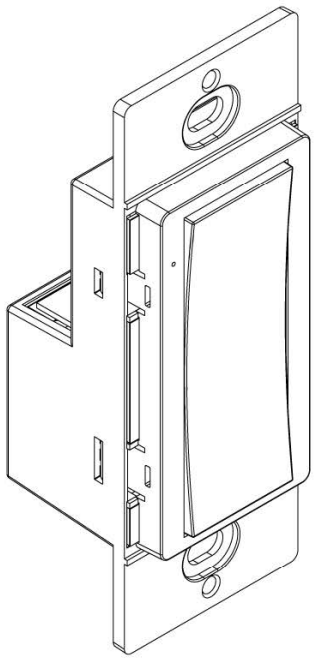
Zūm® Wired Keypad with Link Communication, Rocker Button, White

The Crestron® ZUMLINK-KP keypad provides control of one or more Zūm® wired load controllers (sold separately) via CBL-CAT5E-ZUMLINK-P cables (sold separately). The ZUMLINK-KP comes preassembled with the white ZUMLINK-BTNR rocker button, which offers on/off switching and dimming adjustment with the ability to save one scene preset. Additional pushbutton configurations are available separately (refer to Additional button configurations). The pushbutton configurations support the same capabilities as the rocker button, but with additional scene presets.
The ZUMLINK-KP mounts to a standard electrical box. Rocker buttons/button trees and bezels are available in almond, black, gray, red, and white. The button trees also have options for standard pad printedl abels or custom engravings. Blank buttons are offered in all button tree configurations and colors and may be requested as a custom button tree order (ZUMLINK-BTN4 ENGRAVED, ZUMLINK-BTN6 ENGRAVED, and ZUMLINK-BTN8 ENGRAVED). A finished installation requires a decorator-style faceplate (FP-G series, s old separately).

ZUMLINK-KP with ZUMLINK-BTNR attached



Additional button configurations

Four-button keypad: Two buttons for on and off control and two scene recall buttons

- ZUMLINK-BTN4 (Pad Printed)
- ZUMLINK-BTN4 ENGRAVED

Six-button keypad: Two buttons for on and off control, two buttons for dimming up and down, and two scene recall buttons

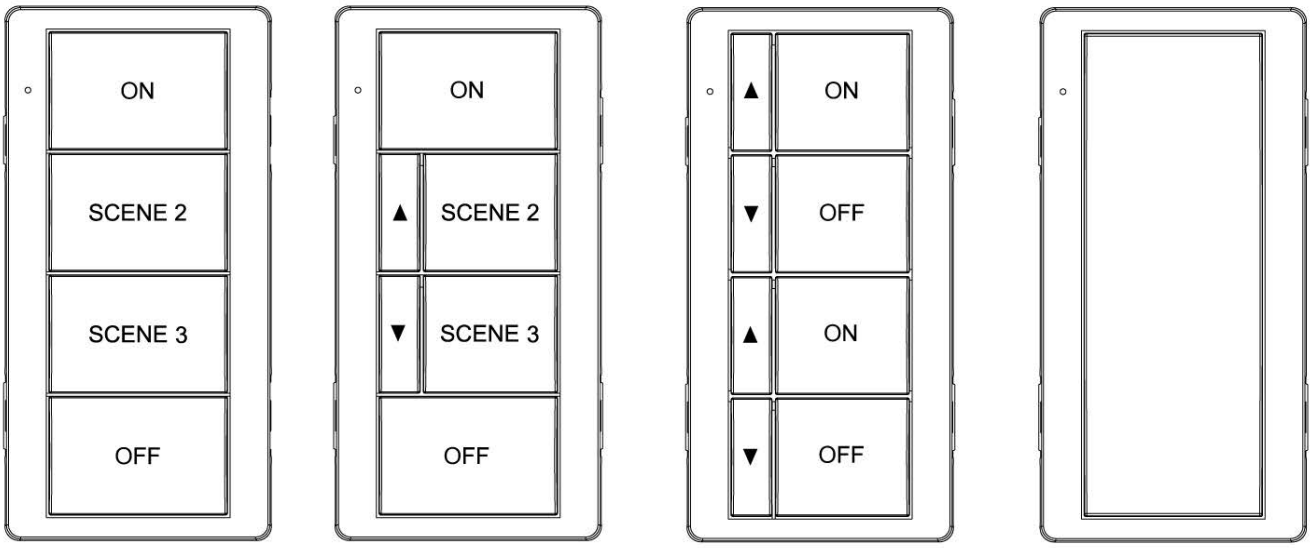
- ZUMLINK-BTN6 (Pad Printed)
- ZUMLINK-BTN6 ENGRAVED

Eight-button keypad: Four buttons for on and off control and four buttons for dimming up and down

- ZUMLINK-BTN8 (Pad Printed)
- ZUMLINK-BTN8 ENGRAVED

Single-rocker button (included): Simple on and off lighting control ZUMLINK-BTNR ENGRAVED

ZUMLINK-BTN4 **ZUMLINK-BTN6** **ZUMLINK-BTN8** **ZUMLINK-BTNR**



For details on compatible Zūm wired load controllers, refer to the following products:

- **ZUMLINK-JBOX-16A-LV:** 0-10V Dimmer, 16A, 100-277V
- **ZUMLINK-JBOX-20A-SW:** High Inrush Switch, 20A, 100-277V
- **ZUMLINK-JBOX-20A-PLUG:** Plug Load Switch, 20A, 100-240V
- **ZUMNET-JBOX-16A-LV:** 0-10V Dimmer, 16A, 100-277V
- **ZUMNET-JBOX-DALI:** DALI® Load Controller, 100-277V

In the Box

1. ZUMLINK-KP, Zūm® Zūm® Wired Keypad with Link Communication, Rocker Button
   Additional Items
2. Screw, 6-32 x 3/4 in., Truss Head, Combo (2009211)

Installation

The ZUMLINK-KP comes preassembled with the white ZUMLINK-BTNR rocker button. If another rocker button/button tree is required, refer to Replace the Rocker Button/Button Tree and Bezel.

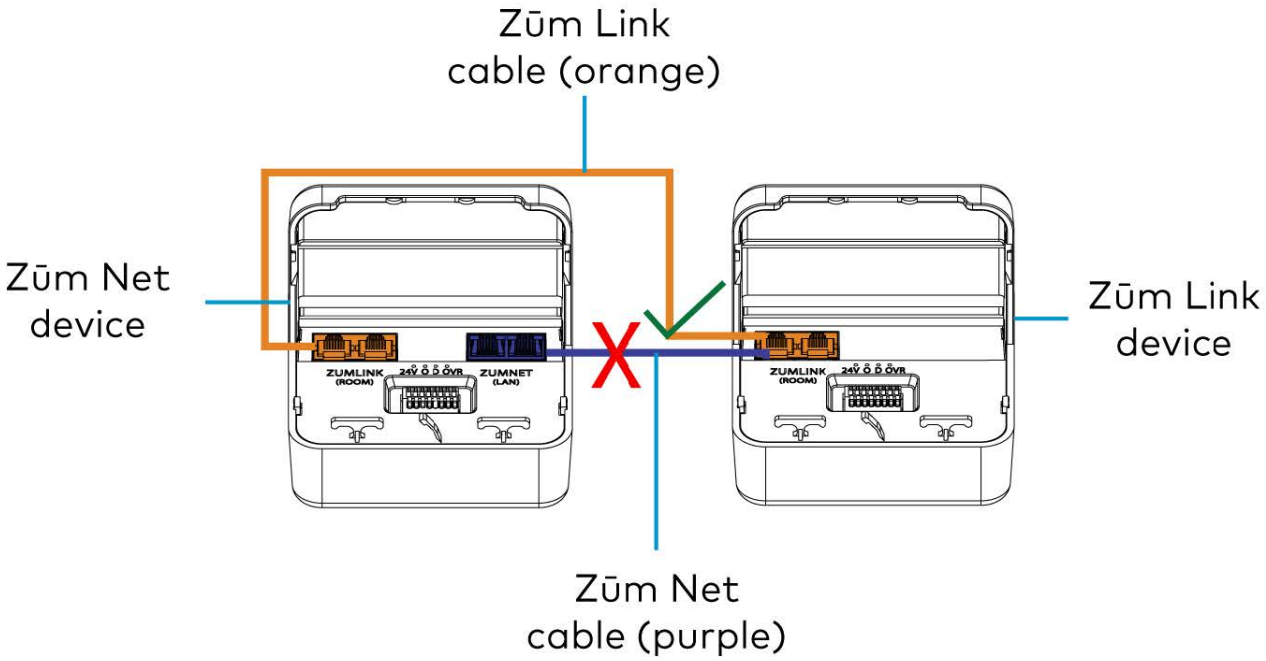
NOTES:

- Install and use this product in accordance with appropriate electrical codes and regulations.
- A licensed electrician should install this product.
- Ensure that the system power is off until the keypad is fully installed. For use where temperatures are between 32° to 104°F (0° to 40°C)
- Several keypads may be installed in one electrical box (multigang). For a smooth appearance, install one-piece

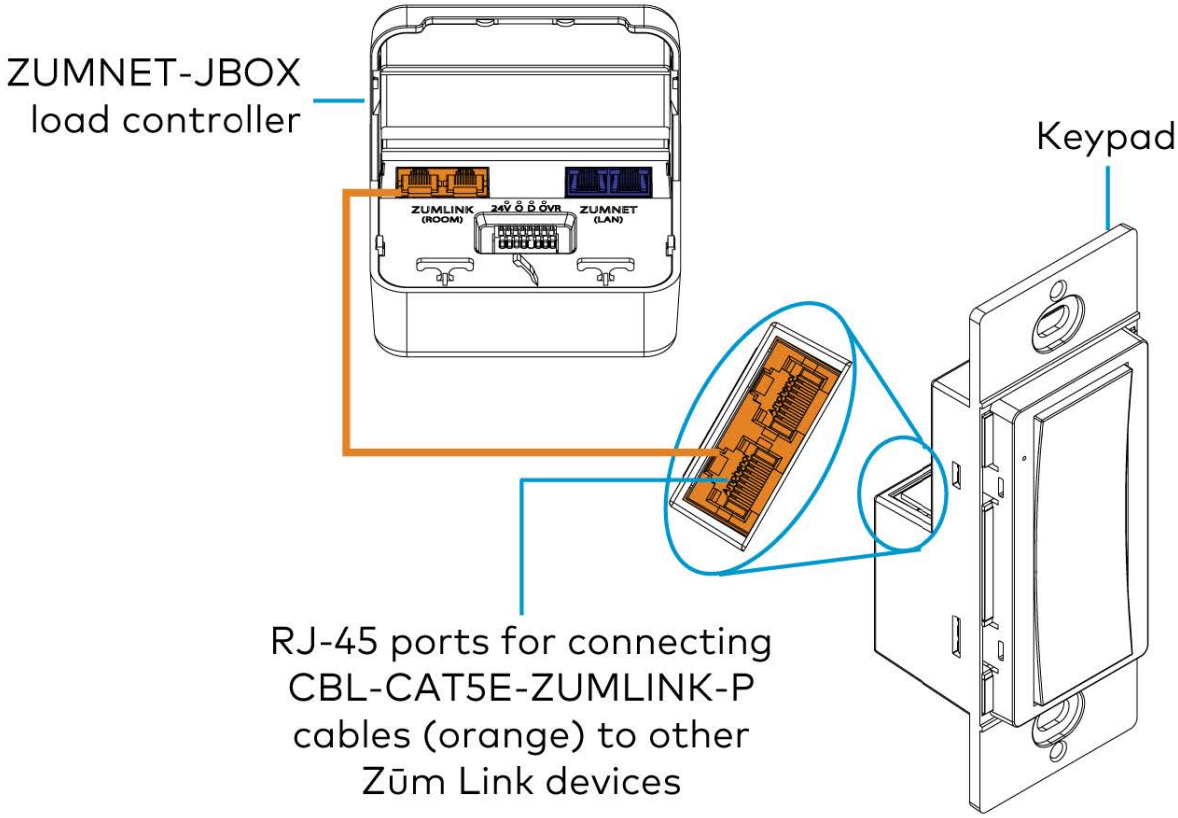
multigang faceplates (not included).

Wire the Keypad

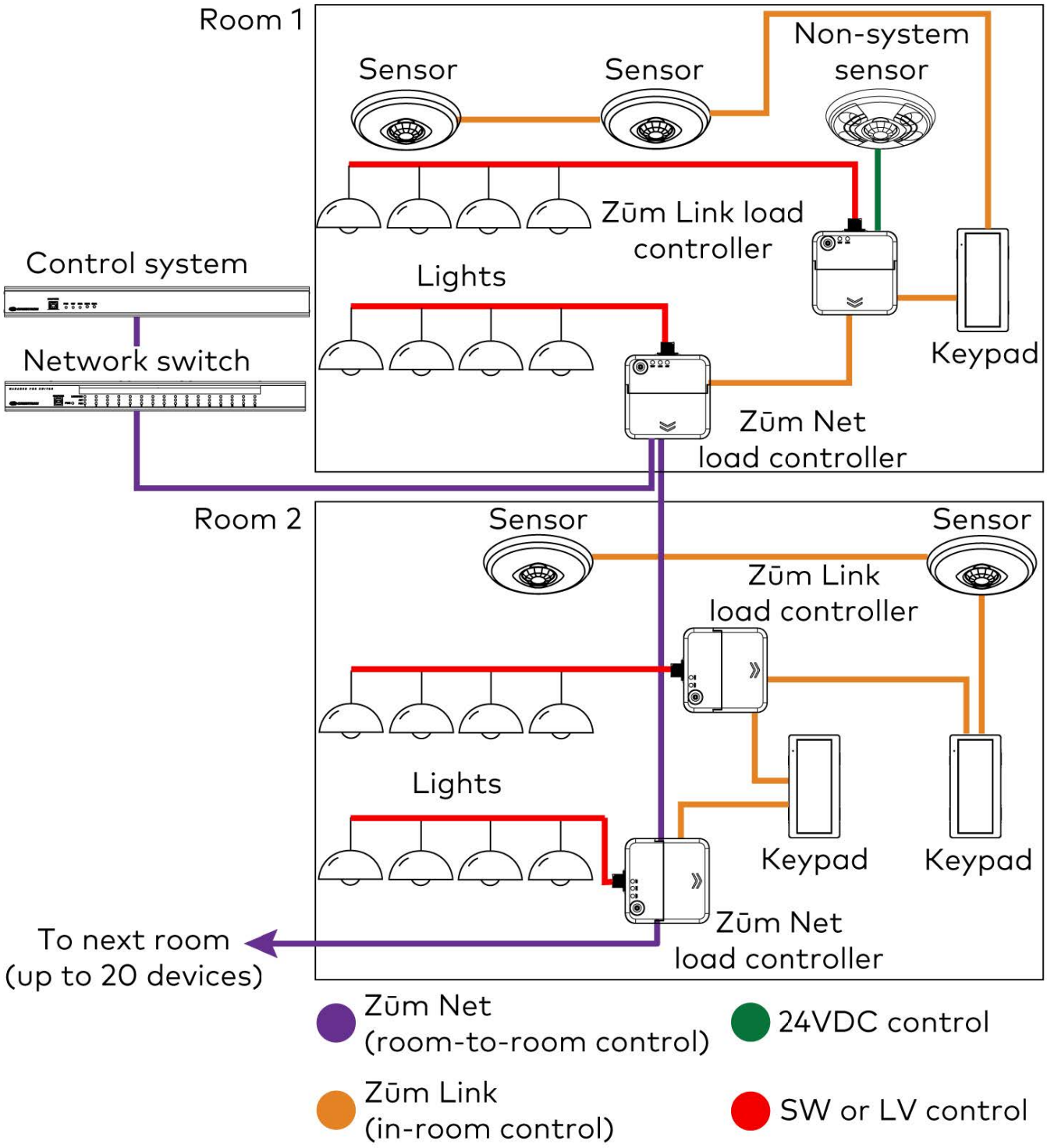
WARNING: Do NOT connect other network devices or the purple ports on the Zūm Net device to the orange ports on a Zūm Link device. This connection may damage network devices.



Use orange CBL-CAT5E-ZUMLINK-P cables (sold separately) to wire in- room Zūm wired devices, such as load controllers, to the ZUMLINK-KP.



Zūm Wired System Diagram



NOTES:

- Daisy-chain up to 20 Zūm Net devices (up to 984 ft (300 m) per leg) with purpleCBL-CAT5E-ZUMNET-P cables (sold separately).
- System sensors communicate digitally via Zūm Link. Non-system sensors communicate via an analog connection on a Zūm Wired J- BOX.

Mount the Keypad

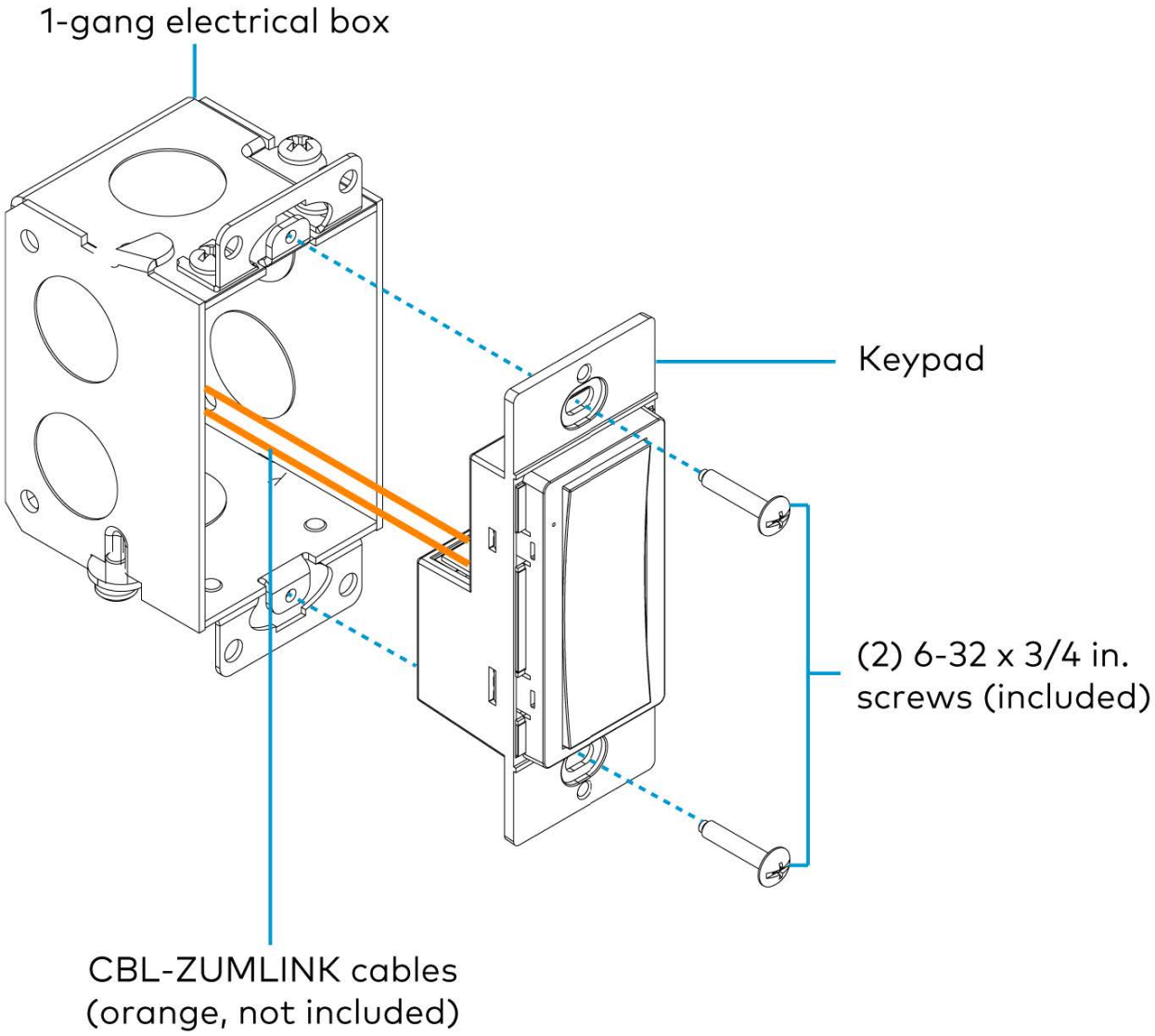
The ZUMLINK-KP mounts to into a standard 1-gang electrical box.

NOTE: Turn the system power off before making connections. Do not turn the system power on until the device is

fully installed in the mounting surface.

1. Holding the keypad with the LED on the left, place it in the electrical box.
2. Secure the keypad using the included #6-32 x 3/4 in. truss screws.

   CAUTION: Excess wire pinched between the keypad and electrical box could short out. Make sure all excess wire is completely inside the electrical box and not between the box and the keypad.



3. Attach the desired decorator-style faceplate (not included).
4. Turn the system power on.

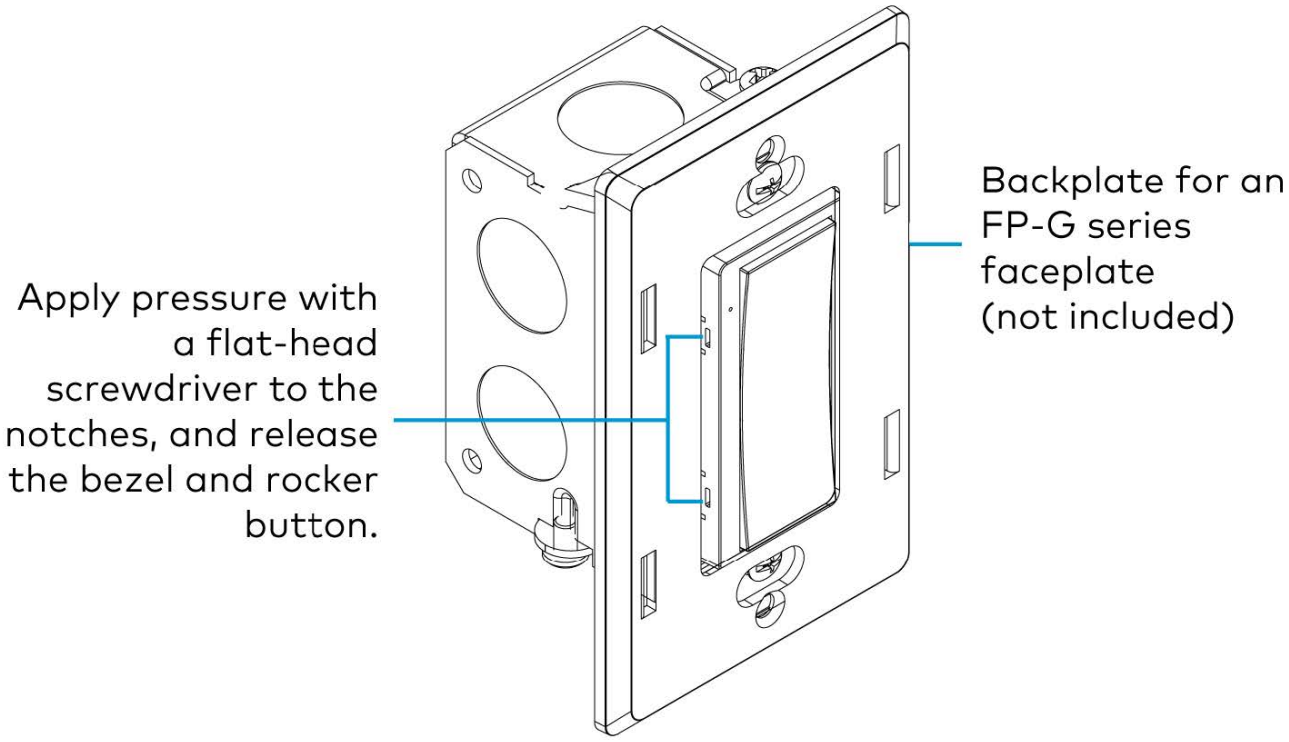
Replace the Rocker Button/Button Tree and Bezel

The ZUMLINK-KP comes preassembled with the ZUMLINK-BTNR rocker button. Follow the procedure below to replace the bezel and rocker button with a new bezel and rocker button/button tree.

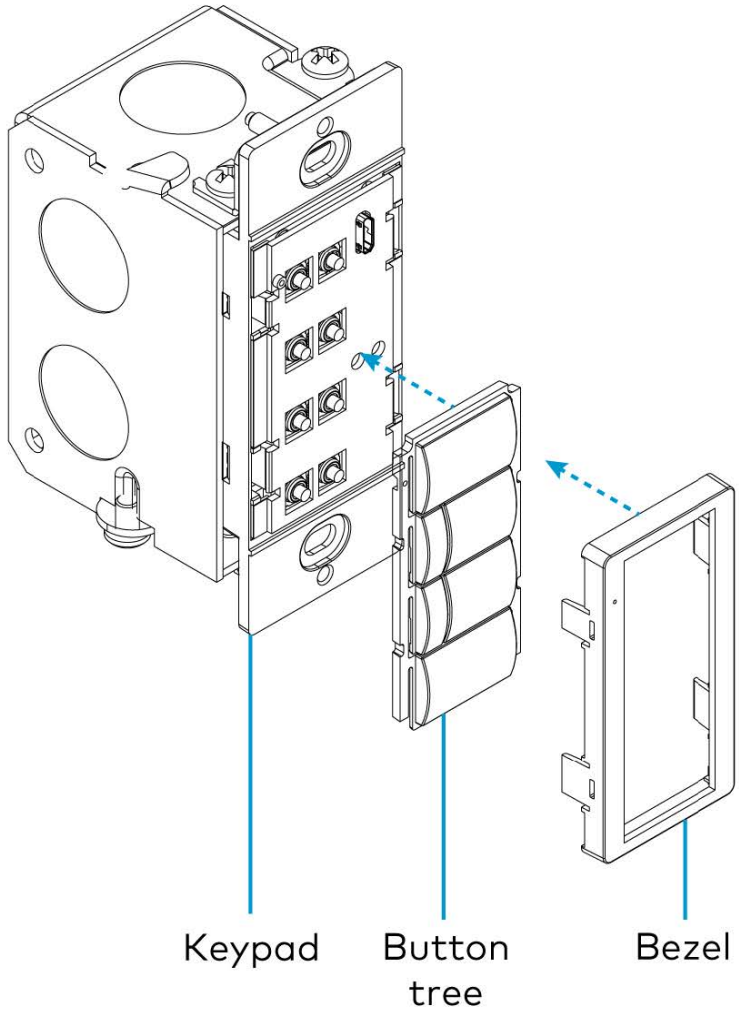
1. Remove the faceplate from the keypad.

   If a Crestron FP-G series faceplate (not included) is installed, remove only the cover.

   Use a flat-head screwdriver to remove the bezel and rocker button by pressing a screwdriver into the notches on the side of the keypad.
2. The bezel and rocker button release from the keypad.



3. Position the replacement rocker button/button tree on the keypad.
4. Place the replacement bezel on top of the rocker button/button tree, making sure to align the LED hole with the LED on the keypad, and snap the bezel into place.



Firmware Upgrade

Before using the ZUMLINK-KP, ensure it is using the latest firmware. Check for the latest firmware at

www.crestron.com/firmware. Load thef irmware onto the device using Crestron Toolbox™ software.

Configuration

Visit help.crestron.com to program the ZUMLINK-KP.

Visit the Product Page

Scan the QR code to visit the roduct page. ZUMLINK-KP-R-W

www.crestron.com/model/6511187

Additional Information

Original Instructions
The U.S. English version of this document is the original instructions.
All other languages are a translation of the original instructions.
Regulatory Model: M201937001
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Documents / Resources

	CRESTRON ZUMLINK-KP-R Wired Keypad with Link Communication [pdf] User Guide ZUMLINK-KP, ZUMLINKKP, EROZUMLINK-KP, EROZUMLINKKP, ZUMLINK KP R Wired Keypad with Link Communication, Wired Keypad with Link Communication, Link Communicatio n, Communication

References

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