

KPLD - Keypad Load Dimmer Controller



Product Overview



The Keypad Load Dimmer is an all-in-one Keypad Controller and Light Dimmer in a single package. This new line of controllers incorporates the functionality of our famous KPC Keypad Controllers and a 350W Dimmer Switch.

The KPLD is available in both 6-button and 8-button versions. It can transmit and receive UPB digital commands over the existing electrical wiring to remotely turn on, off, and dim its own lighting load as well as trigger dramatic scenes throughout a home.

The Keypad Load Dimmer is capable of being a member of up to 16 links or scenes. Scenes allow you to control a single light or multiple lights with one button. Program each button to trigger a different scene, control specific lights or your whole house. Lights will ramp to a desired brightness level at a rate from .8 seconds to 1 hour. Certain lights can dim slowly while others turn off instantly, all controlled with a press of a button.

The dimmer portion is pre-programmed with 7 preset scenes with a light level to create inviting moods right out of the box. The Dimmer controls incandescent lights, low-voltage halogen, magnetic or dimmable electronic transformers. There is also the capability to set the KPLD to a non-dimming mode in order to control such loads as fluorescent lights.

Each Keypad is also a high quality and versatile UPB™ transmitter packed full of features. It is able to transmit messages (including its current light level) when keypad presses occur, which are configured using UPStart Setup Software. Each controller will monitor and control six different devices or scenes and you'll be able to see the status of each by looking at the built-in LEDs.

Programming the pushbuttons will allow different UPB commands for each of four events: single-tap, double-tap, hold and release. The operation of the LEDs can also be configured to extinguish other LEDs when it is illuminated to minimize confusion about which scene is activated. Furthermore each LED can illuminate when an On-type command is transmitted or received and it can extinguish when an Off-type command is transmitted or received or vice versa.

The 6-Button version has six backlit horizontal pushbuttons as well as a vertical rocker pushbutton. The 8-button has eight horizontal pushbuttons. Each horizontal button can be custom engraved (minimal charge) for ease of use and to add beauty and functionality to any room.

The Keypad Load Dimmer is available in seven different colors, White, Ivory, Almond, Light Almond, Black, Brown and Gray to match any décor.



Controller Features

- Programmable Button Modes**
 Each pushbutton can be programmed to control any of over 250 scenes or devices. Different control commands can be configured for the single-tap, double-tap, hold and release events.
- Scene Control**
 Pushbuttons can be used to activate its load or scene as well as to adjust the scene's stored light levels.
- Load Control**
 The 350W rating can be configured to act as a dimmer or switch.
- Programmable LED Feedback**
 LEDs illuminate when On-type commands are both transmitted or received. LEDs extinguish when Off-type commands are both transmitted or received. Commands can illuminate and extinguish all other LEDs also.
- Keypad Backlighting**
 Pushbuttons can be faintly lit to aid in finding the keypad in the dark.
- Aesthetic Design**
 The Blue lighted oval buttons are worthy of high-end installations.
- Customized Button Labels**
 Custom engraved labeling of horizontal pushbuttons is available for a minimal charge.
- Easy Installation**
 Color-coded white (Neutral), black (Hot), red (Load) leads are provided for direct connection to a AC wires. Easily fits into a standard wall box.
- Timed-Auto-Shut-off**
 Program the light to turn off from 1 to 240 minutes after it is turned on; Transmit upon expiration; double-tap override.
- Low Cost Home Automation**
 UPB based products are a fraction of the expense of hard wired and RF products.
- Advanced Programming**
 Using UPStart Setup Software allows customized pushbutton transmissions, LED feedback and many other features.
- Warranty**
 5-Year limited warranty.

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Ordering Information

• **Part Number**

KPLD-6-X Keypad Load Dimmer - 6-Button

KPLD-8-X Keypad Load Dimmer - 8-Button

X (color) = White (W), Almond (A), Light Almond (LA), Ivory (I), Black (B), Brown (BR), Gray (G)

Installation

• **Pre-Wire**

Mount in standard single gang box. Run three #14 or #12 wires for neutral, line and load.

• **Mounting**

Install controller with standard wall switch hardware and a Decora-style faceplate.

Additional Information

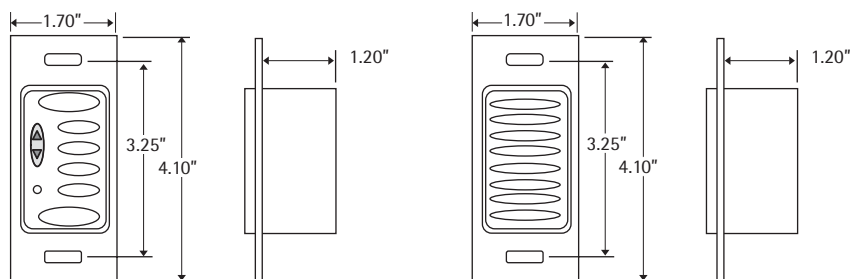
• **Warranty**

Five-year Limited Warranty

• **UL Listing**

Pending

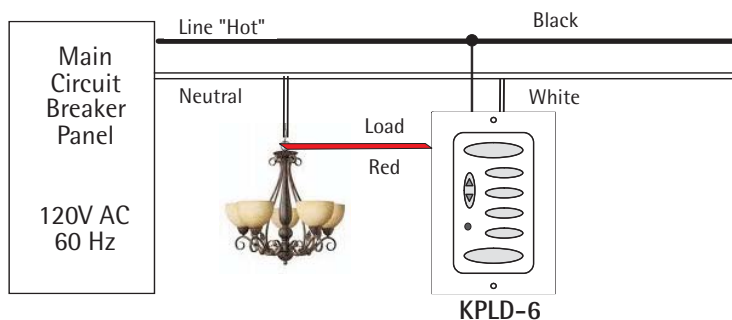
Dimensions



KPLD-6

KPLD-8

Wiring Diagram



Colors	
	White
	Ivory
	Almond
	Lt. Almond
	Gray
	Black

Model Number	KPLD-6	KPLD-8
Number of Backlit Pushbuttons	6	8
Max Load	350W / 3.0A / 240VA	350W / 3.0A / 240VA
Min Load	60 W	60 W
Up/Down Pushbutton	Yes	No
Auto-off Timer	1-240 minutes	1-240 minutes
Connections	16 AWG Wire	16 AWG Wire
Mounting	Standard J box	Standard J box
Frequency	60 ± 3 Hz	60 ± 3 Hz
Input Power	120 VAC 60 ± 3Hz	120 VAC 60 ± 3Hz
Dimensions	4.1 x 1.7 x 1.2 in	4.1 x 1.7 x 1.2 in
Weight	5.6 oz.	5.6 oz.
Operating Temp	-40 F to 104 F	-40 F to 104F
UPC Code	8119760- TBD	81197601-TBD

This product is covered under U.S. Patent Applications #6734784 and 6784790

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