

The KPC7 / KPLD7 / KPLR7: One keypad with multiple uses

When installing the KPC7 / KPLD7 / KPLR7, the buttons and the LED indicators can be configured in nearly any possible way for many possible uses. Recently the UPB configuration programs – UPStart and PulseWorx-EZ – were updated to easily configure this keypad for the four most common uses. These are: a 5-button scene controller with dim/bright, a 6-button scene controller, a 5-button load controller with dim/bright, or as a 6-button load controller.

In the 6-Button configurations the bottom button is no longer a split button with a left and right side but rather operates as a single button. These changes were made in UPStart and PulseWorx-EZ and not with the keypad firmware so already installed keypads can use these new operating modes.

The key feature of a *Scene Controller* is that all buttons operate together as a set with only a single button indicator showing as ON. In this way, the keypad shows at a glance the current scene for the room or area where the keypad is installed.

The key feature of a *Load Controller* is that all buttons operate independently of each other and toggle from on to off and off to on. Any button can show as on or off regardless of what the other buttons show.

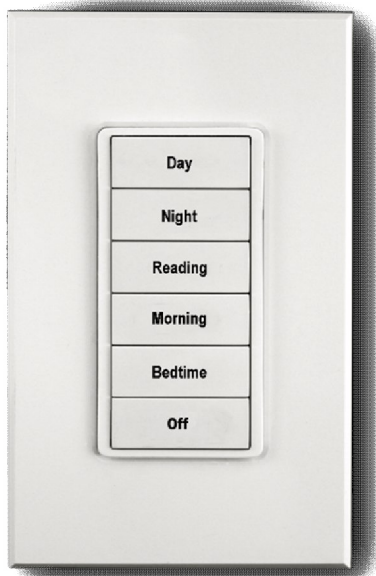
The following example keypads use custom engraved buttons to achieve a quality look in addition to the function needed.



This keypad is configured as a **5-Scene controller** with Dim and Bright buttons.

This keypad is installed in a multi-purpose media room that contains several different lighting sources. Rather than have a separate load controller for each, the light sources are integrated into scenes and controlled by the keypad.

Each button activates a different scene and only a single button is illuminated at a time to show the current use of the room.



This keypad is configured as a **6-Scene controller**.

This keypad is installed in a bedroom with a sitting area. Six scenes were needed to configure the room lights in six different ways for various activities. In this case the Dim and Bright buttons are not needed so an “extra” sixth scene is available.



This keypad is configured as a **6-Load controller**.

This keypad is installed in the entry way of a home so that the homeowner could quickly turn on, turn off, or view the state of several rooms. Also, they can control everything off with a single button press.



This keypad is configured as a **5-Load controller**.

This keypad is installed near patio doors. Using this keypad the homeowner can control several exterior lighting zones. In addition, they can manually dim or brighten the last zone controlled.

If a sixth zone was needed, then the dim/bright button could be replaced by a single button controlling that additional zone without losing the dim/bright ability. When a keypad is configured as a load controller without the dim/bright button, each button controls its zone on and off when tapped, and also dims and brightens with a press and hold action.

For additional information on KPC7 button and LED configuration please review PulseWorx App notes 102 and 103. Custom engraved buttons are described in PulseWorx app note 104.

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