Product Overview

**Powerline Control Systems** is proud to present its 8-Button UPB™ Controller — one of a line of controllers that incorporate its patented Universal Powerline Bus (UPB™) two-way powerline communication technology. UPB™ is the perfect low cost alternative to hard-wired and RF control technologies, requiring no new wires and providing ultra-reliable communications between transmitters and receivers. The 8-Button UPB™ Controller can control single lights, trigger dramatic scenes, or send messages to a central controller.

The 8-Button UPB™ Controller is a high quality, aesthetically pleasing, versatile pushbutton UPB™ transmitter packed full of features. It comes in two variations (Wall-Mount and Desk-Top) and many different colors. The 8-Button UPB™ Controller has eight backlit pushbutton that can be custom engraved (for a nominal charge) for ease of use and to add beauty and functionality to any room.

The 8-Button UPB™ Controller is designed to be an integral part of PCS’s UPB™ Lighting Control System and is also compatible with many other lighting control systems. The PCS UPB™ Lighting Control System allows the designer/installer to implement over 250 scenes per house as well as direct device control. When initial configuration is complete, a single push of a button is all you need to activate any group of lights (or control points) simultaneously. Each scene’s pre-set lighting levels can be easily adjusted using PCS’ innovative programming system (or by using a UPB™ Setup Tool).

The 8-Button UPB™ Controller is packed full of customizable features that are all configured using a UPB™ Setup Tool. Each pushbutton can transmit a different UPB command (that the designer/installer specifies) for each of four events: single-tap, double-tap, hold, and release. The operation of the LEDs can also be configured. 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. Any LED can also be configured to extinguish other LEDs when it gets illuminated to minimize confusion about which scene is activated. The 8-Button UPB™ Controller also has a keypad backlight feature that can be enabled or disabled to aid in finding it in the dark.

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**
  Each pushbutton can be used to activate a scene as well as to adjust the scene’s stored light levels.

- **Toggling Commands**
  Each pushbutton event can be programmed to toggle between two different commands to help create versatile control capabilities including the famous Super Toggler.

- **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. LEDs can illuminate and cause all other LEDs to extinguish.

- **Keypad Backlighting**
  Pushbuttons can be faintly lit to aid in finding the keypad in the dark.

- **Aesthetic Design**
  The lighted oval button design is worthy of high-end installations.

- **Customized Button Labels**
  Custom engraved labeling of pushbuttons is available for an extra charge.

- **Easy Installation**
  Color-coded black (Hot) and white (Neutral) leads are provided for direct connection to a home’s existing AC wires. The Wall-Mount Controller fits easily into a standard wall box.

- **Perfect For Retrofit**
  Transmits signals over existing power wiring so there is no need for expensive hard wiring.

- **Low Cost Home Automation**
  UPB based products are a fraction of the expense of hard wired and RF products.

- **Advanced Programming**
  Using a UPB Setup Tool, allows the user to customize pushbutton transmissions, LED feedback, and many other features.

- **PCS Reputation**
  The PCS reputation is unmatched in the Home Automation market representing superior quality, high reliability, and excellent customer service.

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8-Button Controller

Ordering Information

- **Part Number**
  - WMC8-X (8-Button Wall-Mount Controller)
  - DTC8-A (8-Button Desktop Controller)

- **X (color)** = White (W), Ivory (I), Almond (A), Black (B), Gray (G)

Installation (WMC8 only)

- **Pre-Wire**
  Mount in standard single gang box. Run two #14 or #12 wires for line and neutral.

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

Additional Information

- **Warranty**
  Five-year Limited Warranty

- **UL Listing**
  Meets UL 508

Colors

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<thead>
<tr>
<th>Color</th>
<th>White</th>
<th>Almond</th>
<th>Ivory</th>
<th>Gray</th>
<th>Black</th>
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<table>
<thead>
<tr>
<th>Model Number</th>
<th>WMC8</th>
<th>DTC8</th>
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<tbody>
<tr>
<td>Number of Backlit Pushbuttons</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>Plastic Case</td>
<td>None</td>
<td>Yes</td>
</tr>
<tr>
<td>Connection</td>
<td>Wires 16 Gauge</td>
<td>6’ Cord 2 Prong Plug</td>
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<tr>
<td>Dimensions</td>
<td>4.1 x 1.7 x 1.8 in</td>
<td>4.3 x 2.6 x 0.9 in</td>
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<tr>
<td>Weight</td>
<td>0.3 lb.</td>
<td>0.3 lb.</td>
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<tr>
<td>Mounting</td>
<td>Standard J box</td>
<td>Desktop</td>
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<tr>
<td>Frame Type</td>
<td>Decora</td>
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<tr>
<td>Input Power</td>
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<td>120 ± 12 VAC</td>
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<tr>
<td>Input Frequency</td>
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<td>60 ± 3 Hz</td>
</tr>
<tr>
<td>Operating Temp</td>
<td>-40 F to 104 F</td>
<td>-40 F to 104 F</td>
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Patented. Made in USA.