Product Overview

Powerline Control Systems is proud to present its 6-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 6-Button UPB™ Controller can control single lights, trigger dramatic scenes, or send messages to a central controller.

The 6-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 Desktop) and many different colors. The 6-Button UPB™ Controller has six backlit horizontal pushbuttons as well as a vertical rocker pushbutton. The horizontal pushbuttons can be custom engraved (for a nominal charge) for ease of use and to add beauty and functionality to any room.

Both the Wall Mount and Desktop versions work with the standard PCS IR Controller. This credit card sized device reproduces the buttons on the front of the Controller and allows up to four separate “IR Remote” addresses so that up to four remotes could be used in the same room without interfering with each other. The IR codes can easily be stored into more sophisticated programmable IR remote controls.

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.

- **Bright/Dim Control**
  Vertical rocker pushbutton can be configured to act as a Bright/Dim button for either a specified scene or the last scene activated.

- **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 horizontal 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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6-Button Controller

**Ordering Information**
- **Part Number**
  - WMC6-X (6-Button Wall-Mount Controller)
  - DTC6-A (6-Button Desktop Controller - Almond only)
  - IRR (IR Controller)
- **Color**
  - X (color) = White (W), Ivory (I), Almond (A), Black (B), Gray (G)

**Installation (WMC6 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

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**Dimensions**

**Wiring Diagram**

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<thead>
<tr>
<th>Colors</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>WMC6</th>
<th>DTC6</th>
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<tbody>
<tr>
<td>Number of Backlit Pushbuttons</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Brt/Dim Pushbuttons</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>IR Remote Receiver</td>
<td>Yes (5/04)</td>
<td>Yes (5/04)</td>
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<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>Frame Type</td>
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<tr>
<td>Input Power</td>
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<td>120 VAC 60 ± 3Hz</td>
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<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.