# 8-Button Controller

PCS Powerline Control Systems

## Product Overview

WMC8
Wall Mount
Controller

**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 Syste** and it 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) simultaneousl Each scene's pre-set lighting levels can be easily adjusted using PCS' innovative programming systen (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.

All PCS products are completely **Made in USA** and carry a **five-year limited warranty**.
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UPB™ UNIVERSAL POWERLINE BUS

Made in USA

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## 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)

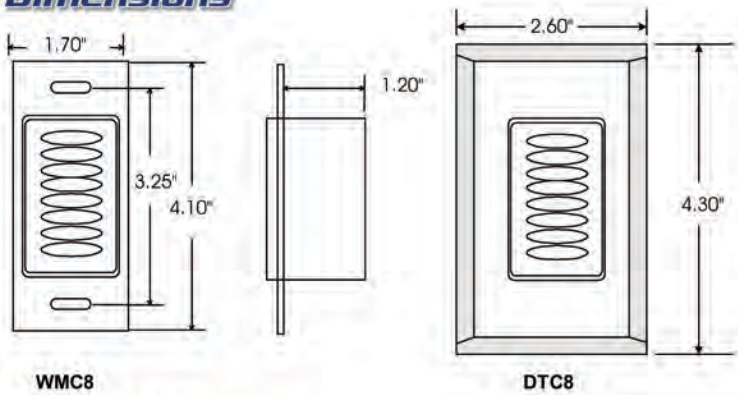
## Installation (WMC8 only)

- **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

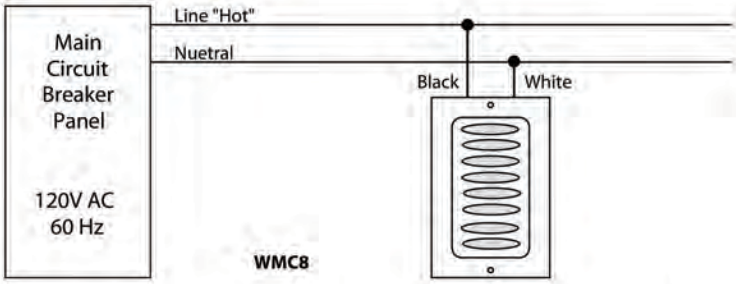
- **Warranty**
  Five-year Limited Warranty
- **UL Listing**
  Meets UL 508

## Dimensions




WMC8 DTC8

## Wiring Diagram




WMC8

| Colors |
|---|
| White |
| Almond |
| Ivory |
| Gray |
| Black |

| Model Number | WMC8 | DTC8 |
|---|---|---|
| Number of Backlit Pushbuttons | 8 | 8 |
| Plastic Case | None | Yes |
| Connection | Wires 16 Gauge | 6' Cord 2 Prong Plug |
| Dimensions | 4.1 x 1.7 x 1.8 in | 4.3 x 2.6 x 0.9 in |
| Weight | 0.3 lb. | 0.3 lb. |
| Mounting | Standard J box | Desktop |
| Frame Type | Decora | N/A |
| Input Power | 120 ± 12 VAC | 120 ± 12 VAC |
| Input Frequency | 60 ± 3 Hz | 60 ± 3 Hz |
| Operating Temp | -40 F to 104 F | -40 F to 104 |

Patented. Made in USA.

UPB™ UNIVERSAL POWERLINE BUS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