6-Button Controller

PCS *Powerline Control Systems*

Product Overview

WM6
Wall Mount
Controller

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 **Desk-Top**) 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.

DTC6
Desk-Top
Controller

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.

IR Controller

The 6-Button UPB™ Controller is designed to be an integral part of PCS's **UPB™ Lighting Control System** 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) simultaneously. Each scene's pre-set lighting levels can be easily adjusted using PCS' innovative programming system (or by using a UPB™ Setup Tool).
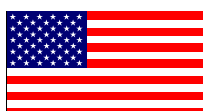
The 6-Button UPB™ Controller is **packed full of customizable features** that are all configured using a UPB™ Setup Tool. Each pushbutton can transmit a different UPB command (that the designer/installer specifies) for each of four events: single-tap, double-tap, hold, and release. The operation of the 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 6-Button UPB™ Controller also has a keypad backlight feature that can be enabled or disabled to aid in finding it in the dark.

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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.

Made in USA

Ordering Information

- **Part Number**
  WMC6-X (6-Button Wall-Mount Controller)
  DTC6-A (6-Button Desktop Controller - Almond only)
  IRR (IR Controller)

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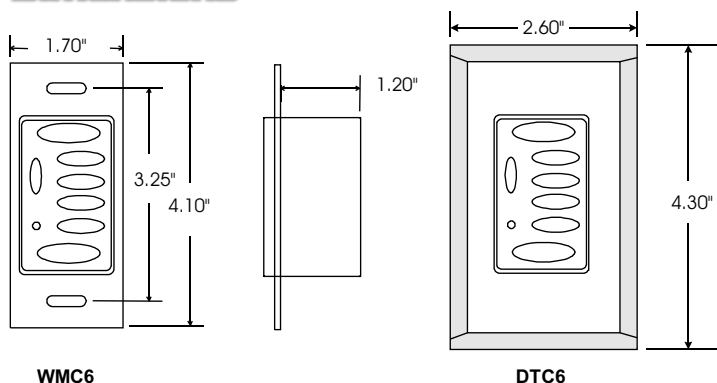 Black (B), Gray (G)

Installation (WMC6 only)

- **Pre-Wire**
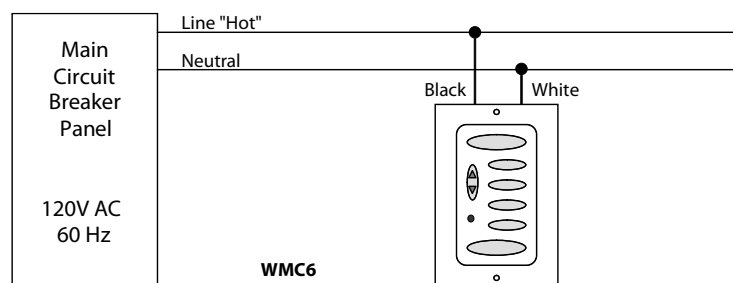 Mount in standard single gang box. Run two #14 or #12 wires for line and neutral.
- **Mounting**
  Install controller with standard wall switch hardware and a Decora-style faceplate.

Additional Information

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

Dimensions

1.70"

3.25"
4.10"

1.20"

WMC6

2.60"

4.30"

DTC6

Wiring Diagram

Main Circuit Breaker Panel

120V AC 60 Hz

Line "Hot"

Neutral

Black   White

WMC6

Colors

	White
	Almond
	Ivory
	Gray
	Black

Model Number	WMC6	DTC6
Number of Backlit Pushbuttons	6	6
Brt/Dim Pushbuttons	2	2
IR Remote Receiver	Yes (5/04)	Yes (5/04)
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 VAC 60 $\pm$ 3Hz	120 VAC 60 $\pm$ 3Hz
Operating Temp	-40 F to 104 F	-40 F to 104

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