

Features

- Stronger signal strength
- Increased electrical noise resistance
- Utilizes standard electrical wiring - retrofits easily in existing homes
- Used when signals are not evenly distributed over a home's two phases

UPB Benefits

- Higher reliability
- Lower system cost
- Individual home selective (no cross-over/interference from adjacent homes)
- Easily configurable

Applications

- Improve UPB transmitted signal strength throughout a home
- Typically only needed in larger homes

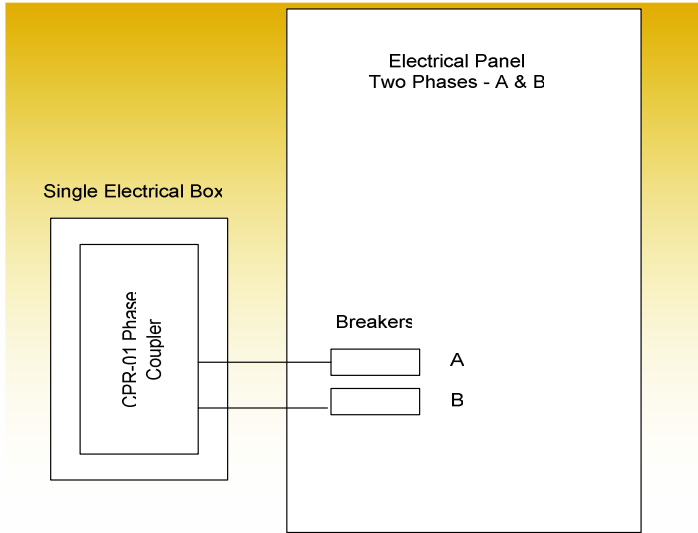


The **CPR-01 Phase Coupler** works with the Web Mountain line of UPB devices to provide coupling between the two phases of a home's electrical system. The device mounts in one position of a standard electrical wiring box and uses a blank faceplate.

On rare occasions, the UPB signal strength is not enough to allow for solid transmission throughout the home. In those occasions, the installation of this device couples a strong signal from the phase where the UPB transceiver is located onto the weaker phase, thereby improving transmission performance. This device is typically only needed in larger homes. However, because of its low price, it's a cheap insurance policy to help keep UPB reliability extremely high.

The key to this module's function is the Universal Powerline Bus technology for communication applications. Use of standard electrical wiring for communication transmission is possible due to lower noise levels, stronger signal strength and improved reliability surpassing technologies such as X-10, CeBus and others. UPB technology also allows enough individually addressable devices to control the largest residential environment—usually without the need for phase coupling and without affecting or being affected by adjacent home environments.

Model CPR-01 UPB Phase Coupler



Installation

Connect to the two phases in a standard electrical box. Installation by a licensed electrician is highly recommended.

Specifications

Model Name	Phase Coupler
Model Number	PC-01
Packaging	Fits one position in a standard electrical wall box—uses a blank faceplate
Dimensions	Approx. 1.75"D X 1.625"W X 2.75"H
Net Weight	4 oz.
Protocol	UPB
Connections	Requires connection to both phases of a home's electrical system Uses two breakers in electrical panel, and a 240V circuit
Certifications	UL 1950
Operating Temperature	0° to +50°C, -30° to 120°F

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