SPIM-01 UPB Serial Plug-in Computer Interface Module

Features

- Stronger signal strength
- Increased electrical noise resistance
- Utilizes standard electrical wiring - retro-fits easily in existing homes
- Pass-through electrical plug
- Compact and pleasing packaging

UPB Benefits

- Higher reliability
- Lower system cost
- Individual home selective (no cross-over/interference from adjacent homes)
- Phase coupling not required except in very large homes
- Easily configurable

Applications

- The SPIM enables more sophisticated UPB control by connecting a computer to the UPB network
- Using the SPIM module and a NetPlace server, devices can be controlled through time of day functions, triggered by external events, and included in unlimited scenes

The **SPIM-01 UPB Computer Interface Module** provides a mechanism to convert UPB signals from a computer or NetPlace server to the AC network for transmission throughout the home.

The SPIM module plugs into a standard AC outlet. On the bottom of the unit is a standard RS-232 DB-9 connector which is attached to a serial port on the computer or NetPlace server using the appropriate cable.

The physical design of the SPIM module provides optimum flexibility by the use of a pass-through electrical plug with a non-controlled outlet on its face, resulting in no loss of outlet availability for other household devices.

The key to the SPIM 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.

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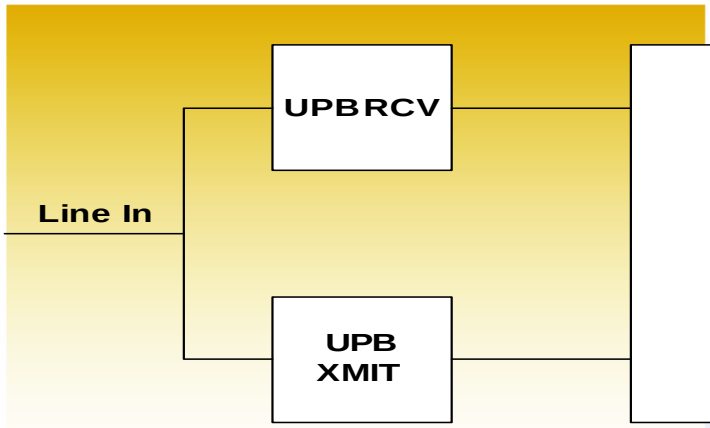

Installation
Plug the module into a wall outlet, then connect it to a Net-Place server or PC with a serial cable.

Specifications	
Model Name	Computer Interface Module—Serial port
Model Number	SPIM-01
Case	Plug-in module with AC pass-through
Dimensions	Approx. 1.375”D X 2.375”W X 3.25”H
Net Weight	4 oz.
Protocol	UPB
Input Voltage	120V AC +/- 10%, 60 Hz, 3 prong Pass-through, max load 15A
Computer Interface	RS-232 Serial
Certifications	UL 1950, FCC Part 15, Class B
Operating Temperature	0°to +50°C, -30°to 120°F

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