

Features

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

UPB Benefits

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

Applications

- Lamp control functions for non-switched outlets
- Dimming
- Create variable lighting scenes within the entire home
- Lamp control functions based upon time/event programming when connected to Web Mountain NetPlace server



The **LM-01 UPB Plug-in Lamp Module** provides lamp control throughout the home and enables a dimming capability to those lamps.

The lamp module plugs into a standard AC outlet and a lamp is plugged into the controlled outlet at the bottom of the module. The lamp can be manually controlled through the use of a wall-mounted, multi-button controller unit to act as a conventional lamp dimmer. When connected to the Web Mountain NetPlace server, the module can be controlled manually, remotely, or by the time/event programming within the server.

The physical design of the lamp 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 appliances and electrical devices.

The key to the lamp 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.

Web

Mountain Technologies

Model LM-01 UPB Plug-in Lamp Module

Web Mountain manufactures a full line of UPB modules and IP-based home control servers. Call or email for a complete product catalog. UPB and TCP/IP—a Winning Combination!



Installation

Plug the module into a wall outlet, then plug the lamp to be controlled into the outlet on the bottom of the module.

Specifications	
Model Name	Lamp Module
Model Number	LM-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
Addressing	250 network codes; 250 individual device codes
Input Voltage	120V AC +/-10%, 60 Hz, 3 prong
Output	120V AC at full output Max 15 A, pass-through and controlled outlet
Dimming	0 to 100%
Power Measurement	Provides capability to measure power delivered to load (needs Web Mountain NetPlace server to retrieve measurement)
Load Type	Incandescent; intended for lamps
Maximum Load Power Delivered	400W
Minimum Power	60W
Certifications	UL 1950, FCC Part 15, Class B
Operating Temperature	0° to +50°C, -30° to 120°F

Web Mountain Technologies, LLC
13882 E. Grand Ave., Aurora, CO 80015
info@webmtn.com www.webmtn.com

Sales Ph: 720-207-9174
Office Ph: 303-627-1856
Fax: 303-627-7665

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