Power Switch

User's Manual

ABOUT THIS MANUAL

This manual is designed for use with the Power Switch. Information in this document has been carefully checked for accuracy; however, no guarantee is given to the correctness of the contents. The information in this document is subject to change without notice. The manufacturer does not make any representations or warranties (implied or otherwise) regarding the accuracy and completeness of this document and shall in no event be liable for any loss of profit or any commercial damage, including but not limited to special, incidental, consequential, or other damage.

SAFETY INSTRUCTIONS

Always read the safety instructions carefully:

- Keep this User's Manual for future reference
- Keep this equipment away from humidity
- If any of the following situation arises, get the equipment checked by a service technician:
  - The equipment has been exposed to moisture.
  - The equipment has been dropped and damaged.
  - The equipment has obvious sign of breakage.
  - The equipment has not been working well or you cannot get it to work according to the User's Manual.

COPYRIGHT

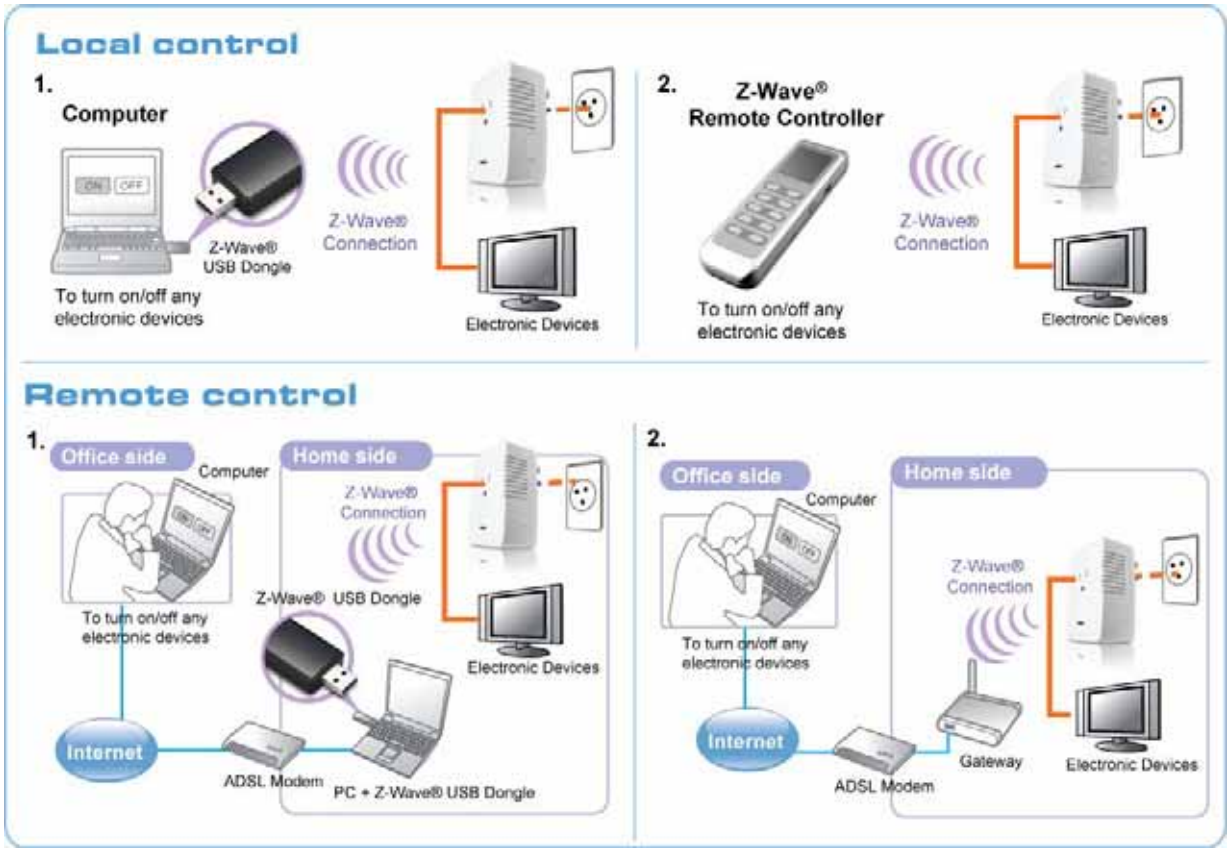
TRADEMARKS

Table of Contents

1. Introduction

The Power Switch allows you to turn on/off the attached appliance, electronic device or lamp wirelessly by using Z-Wave® protocol remote control. You can control the attached load in your home through PC connectivity with a Z-Wave® USB dongle when you are away from home.

Note: To avoid any dangerous accident, please don't use this product on the plug of extended power line or else instead of wall plug.



Features

- Simple plug and play installation.
- Support electronic appliance or lamp with maximum loading of 1500W
- Stand-by power consumption: 0.6 W
- Control On/Off function manually with knob button or remote control by PC equipped with Z-Wave® certified USB dongle.
- Fully compatible with Z-Wave® enabled network and capable of communicating with any Z-Wave® certified device.
- All products other then the Power Switch itself are sold separately.

Package Contents

- Power Switch x1
- User's Manual x1

LED Indicator

LED	Color	Description
Power	Red	Power Switch Power on.
Link	Green	Z-Wave® RF transfer or receive.

Z-Wave

Z-Wave® is a state-of-the-art wireless technology used as a standard for wireless home control. It is a next-generation wireless ecosystem that lets all your home electronics talk to each other, and to you, via a controller or gateway. It uses simple, reliable, low-power radio waves that easily travel through walls, floors and cabinets. All products featuring the Z-Wave® logo are certified to work with one another.

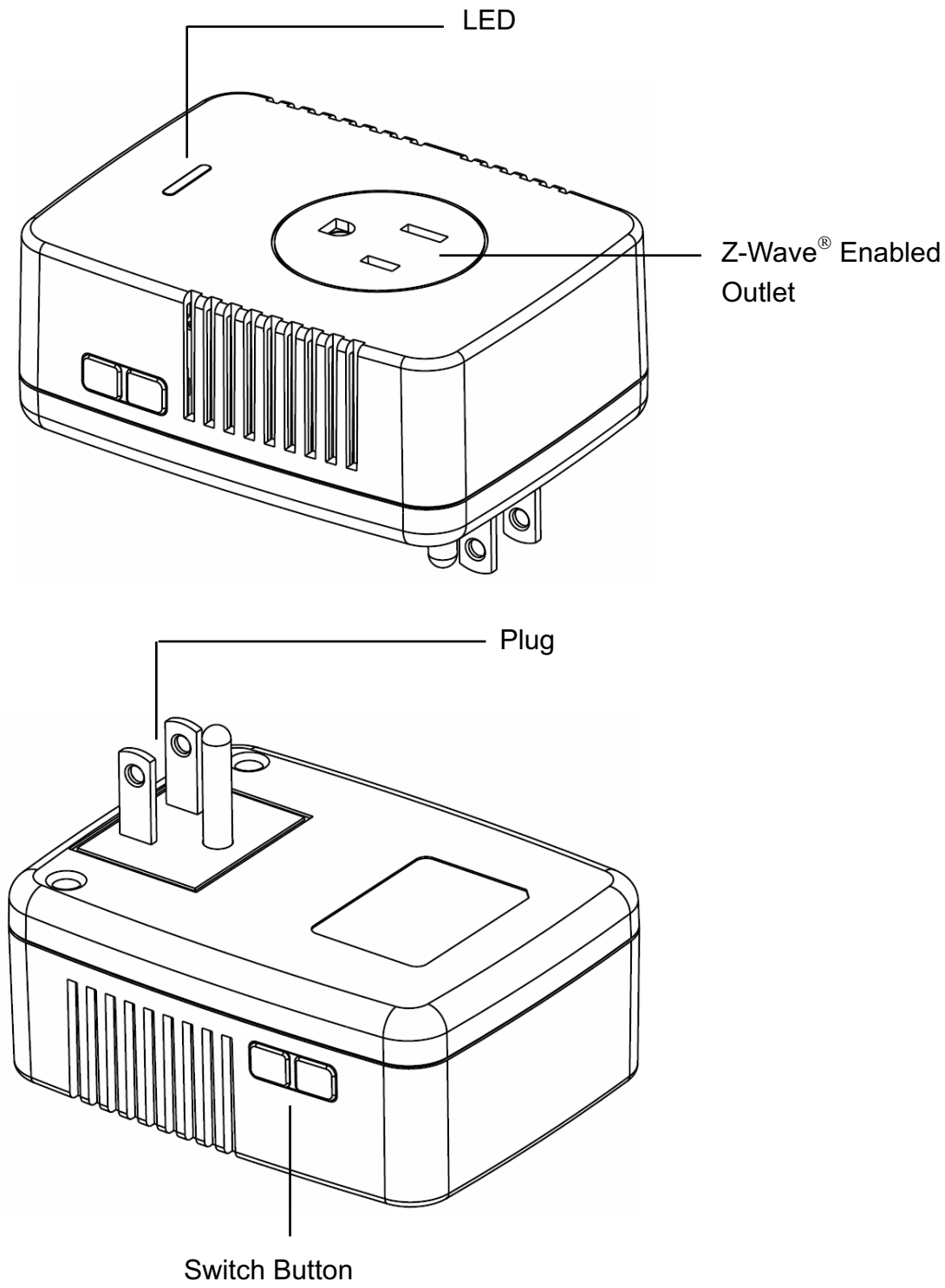
Wireless Range

The Power Switch is made wireless by Z-Wave® technology.

Typical range for a wireless module is approximately 100 feet. When installing the module consider an open area with little obstruction for the best signal and performance. Avoiding the obstruction between the module and controller may make a negative effect on wireless performance and range.

2. Installation

Hardware Connection



Product Description

Below is a description of button, light and plugs for the Power Switch.

Z-Wave® Enable Outlet

This outlet is a socket where the device or equipment you wish to control should plug into, such as LCD monitor. Note that any device plugged into this outlet must NOT exceed 1500 watts.

LED

The light will blink to indicate that the module has been entered “Program Mode” or when it is communicating wirelessly to the Z-Wave® controller (i.e. Z-Wave® Dongle).

Switch Button

When the Power Switch has been installed, pressing the switch button will manually turn the attached device on or off.

When primary controller is waiting for inclusion or exclusion to setup Z-Wave® Network, please press this button could add or remove this device from Z-Wave® network.

Wall Outlet Plug

Located on the back of the Power Switch, the plug is used to plug your module into an available wall outlet in your home or office.

Installation Requirements

To install this product you must have Z-Wave® enabled controller, such as Z-Wave® Dongle, to make an association with Power Switch.

Installing the Power Switch

NOTE ==========

Before you install or use this Power Switch, please install your Z-Wave® controller first and make an inclusion for your Z-Wave® device. Not all Z-Wave® enabled remote controls have the same installation process. Actual instructions may vary; it depends on the software that Z-Wave® controller provided.

==========

1. Please plug the Power Switch into an available wall outlet near the load to be controlled in your desired location of your office or home.

2. Operate your control panel from Z-Wave® controller to include the Power Switch in your network.

3. Once the Power Switch has been included in your network, you may see or get some information about your Power Switch on your control panel or else to confirm that has been added. If not, try the process again or try deleting this switch from Z-Wave® controller first.

4. When the Power Switch has been added into Z-Wave® control panel successfully, you will need to configure it to a specific button or other else on your control panel. Refer to your Z-Wave® control panel for instructions on how to do this.

5. Now you can plug your electric device into the Z-Wave® enabled outlet on the Power Switch and control your device on or off via your own PC.

3. Specifications

Item	Description
Protocol	Z-Wave® (Binary Switch Command Class)
Frequency	908.42MHZ(US)
Transceiver	Yes
Operating Voltage	AC110~120V/60Hz
Max Loading	1500W
Stand-by power consumption	0.6 W
LED Indicator	■ Green :Z-Wave® RF transfer or receive ■ Red : Power Switch power on
Switch	On / Off (Side Knob Button)
Data Rate	Up to 40 kbps
Operation Range	Up to 100 feets
Application	Indoor use
Working Environment	■ Operation temperature: 10 ~ 40 ˚C ■ Storage temperature: -10 ~ 80 ˚C
Dimensions (Lx W x H)	67.9mm x 89.3mm x 57mm, (Included the height of wall outlet plug)
Housing	Plastic PC 945
Flame Class	UL 94 V-0
Compliance	FCC, UL, Z-Wave®

Specifications are subject to change without further notice

4. Regulatory Compliance

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not
occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the
following measures:
-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference and
(2) this device must accept any interference received, including interference that may cause undesired operation

WEEE Information

For EU (European Union) member users:
According to the WEEE (Waste electrical and electronic equipment) Directive, do not dispose of this product as household waste or commercial waste. Waste electrical and electronic equipment should be appropriately collected and recycled as required by practices established for your country. For information on recycling of this product, please contact your local authorities, your household waste disposal service or the shop where you purchased the product.