About PowerLinc USB’s Certification
PowerLinc USB has been thoroughly tested by ITS ETL SEMKO, a nationally recognized independent third-party testing laboratory. Products bearing North American ETL Listed mark signifies that the product has been tested to and has met the requirements of a widely recognized consensus of U.S and Canadian product safety standards, that the manufacturing site has been audited, and that the manufacturer has agreed to a program of quarterly factory follow-up inspections to verify continued conformance.

Smarthome Limited Warranty
Smarthome warrants to the original consumer purchaser of this product that, for a period of two years from the date of purchase, this product will be free from defects in material and workmanship and will perform in substantial conformity to the description of the product in this Owner’s Manual. This warranty shall not apply to defects or errors caused by misuse or neglect.

If the product is found to be defective in material or workmanship or if the product does not perform as warranted above during the warranty period, Smarthome will either repair it, replace it or refund the purchase price, at its option, upon receipt of the product at the address below, postage prepaid, with proof of the date of purchase and an explanation of the defect or error. The repair, replacement, or refund that is provided for above shall be the full extent of Smarthome’s liability with respect to this product.

For repair or replacement during the warranty period, call Smarthome customer service to receive an RA# (return authorization number), properly package the product (with the RA# clearly printed on the outside of the package) and send the product, along with all other required materials, to:

Smarthome
ATTN: Receiving Dept.
16542 Millikan Ave
Irvine, CA 92606-5027

Limitations:
THE ABOVE WARRANTY IS IN LIEU OF AND SMARTHOMEDISCLAIMS ALL OTHER WARRANTIES, WHETHER ORAL OR WRITTEN, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ANY IMPLIED WARRANTY, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH MAY NOT BE DISCLAIMED OR SUPPLANTED AS PROVIDED ABOVE SHALL BE LIMITED TO THE ONE YEAR PERIOD OF THE EXPRESS WARRANTY ABOVE. NO OTHER REPRESENTATION OR CLAIM OF ANY NATURE BY ANY PERSON SHALL BE BINDING UPON SMARTHOME OR MODIFY THE TERMS OF THE ABOVE WARRANTY AND DISCLAIMER.

IN NO EVENT SHALL SMARTHOME BE LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL OR OTHER DAMAGES RESULTING FROM THE POSSESSION OR USE OF THIS PRODUCT, INCLUDING WITHOUT LIMITATION DAMAGE TO PROPERTY AND, TO THE EXTENT PERMITTED BY LAW, PERSONAL INJURY, EVEN IF SMARTHOMENEW OR SHOULD HAVE KNOWN OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts and/or the exclusion or limitation of damages, in which case the above limitations and/or exclusions may not apply to you. You may also have other legal rights, which may vary from state to state.
Congratulations and Introduction

PowerLinc USB is the world's first Universal Serial Bus (USB)-based transmitter and receiver for X10/PLC (Powerline Carrier) control. Unlike previous solutions that used the slower-speed RS-232 Com Port and required the use of a dedicated interrupt control line (IRQ), PowerLinc USB uses the newer and more flexible USB channel now found on nearly all computers. USB ports support higher speeds and multiple devices can be attached to the computer at the same time.

PowerLinc USB works with all USB-aware versions of Microsoft® Windows® starting with Microsoft® Windows® 98se and above. To keep things simple, PowerLinc USB uses the Microsoft® Windows Human Interface Drivers® that are already in use and installed on all versions of Microsoft® Windows® 98se and above. This means there are no hardware drivers to install or conflict with other hardware or software.

Key Features

- Uses reliable and fast USB communications
- Includes two versions of Home Control Assistant
- Connects to any USB port or a powered USB hub
- Feed-through outlets for other AC powered products
- Use the HID (human interface device) drivers already installed with Windows®

How to Install

1. Turn on and boot up your computer (if already on, turn off all running programs).
2. Plug in the PowerLinc USB into an AC outlet and connect the USB cable into the outlet on the PowerLinc USB.
3. Once the computer is fully booted up, plug in the USB cable into a USB port on the computer.
4. In a few seconds, the computer displays this message:
5. Moments later, the computer will display a message indicating that it is using drivers already built into Windows.

The computer is now ready to use the PowerLinc USB interface. You can confirm that Windows has recognized the PowerLinc USB by looking up the Device Manager.

Note: PowerLinc USB does not have any built-in intelligence; you must use a program running on the computer to make the home automation decisions.

Use PowerLinc Controller for applications that require computer-free operations. It contains internal memory. Please visit a retailer or distributor for the complete line of automation products from Smarthome Design. Check out our web site at: http://www.smarthome.com/smarthomedesignstore.html

Home Control Assistant for PowerLinc Limited

This version only supports the PowerLinc USB interface. It restricts users to four programs and one schedule with four entries. It supports Smarthome’s SwitchLinc, KeypadLinc, and other ‘Linc modules plus all standard PLC compatible receivers. Once you experience HCA, you may want to move up to HCA for SmartHome PowerLinc, or HCA Plus. Both are available through Smarthome.

Home Control Assistant Plus (30-Day Limited)

This version supports all the popular home automation products on the market. There are no limits on schedules. Once you install the evaluation copy on your computer, you can use it for 30 days before it will stop working. Subsequent installations of the evaluation version on the same computer will not work. To compare the features between versions of Home Control Assistant, please visit this web page: http://www.hcatech.com/hcaflavors.htm.

Installing & Using Home Control Assistant for Smarthome PowerLinc

The trial versions of Home Control Assistant (HCA) are included on the CD-ROM that was included with your PowerLinc USB. HCA needs to run full time on the computer and only communicate with Smarthome PowerLinc Interfaces (both serial and USB versions). Follow these steps to start automating your home:

1. Place the CD ROM into the computer’s CD drive.
2. A selection screen will be displayed.
3. Choose one of the HCA programs or another selection.

Tips for Using PowerLinc USB

- PowerLinc USB gets all of its power to operate from the computer. Some USB hubs will not be able to supply sufficient power.
- The cable cannot be any longer than 10’ (6’ or less is recommended).
- Do not plug PowerLinc USB into a filter or a power strip.
- Use only one PowerLinc USB per computer.
- Some computers and their accessories can absorb Power Line Carrier (PLC) signals off the power lines. Since PowerLinc will be so close to the computer, the power strip should be filtered. Use our FilterLinc #1626 to keep the PowerLinc signals from getting absorbed by the computer.
- Don’t plug other PLC transmitters into the same outlet as PowerLinc USB. Every PLC transmitter will absorb other transmitter’s PLC signals when they are not transmitting. In some cases, up to half the signal can be lost to the nearby transmitter.

#1626 FilterLinc Plug-In Filter

Welcome To The Smarthome Installation and Product CD

PCMCIA Card Reader

1626 FilterLinc Plug-In Filter

Human Interface Devices

Human Interface Device
USB Human Interface Device
IDE ATA/ATAPI controller

Found New Hardware

SmartHome PowerLinc USB