

UPB™ POWERLINE INTERFACE MODULE

Cat. No. 36A00-1

Installation Instructions and User's Guide



DI-021-HL361-05AAR2213
(36100-1)

INSTALLATION

ENGLISH

WARNINGS AND CAUTIONS

- Read and understand all instructions. Follow all warnings and instructions marked on the product.
- Do not use this product near water - e.g., near a tub, wash basin, kitchen sink or laundry tub, in a wet basement, or near a swimming pool.
- Never push objects of any kind into this product through openings, as they may touch dangerous voltages.
- SAVE THESE INSTRUCTIONS.

WARNINGS AND CAUTIONS

- Never install communications wiring or components during a lightning storm.
- Never install communications components in wet locations unless the components are designed specifically for use in wet locations.
- Never touch uninsulated wires or terminals unless the wiring has been disconnected at the network interface.
- Use caution when installing or modifying communications wiring or components.

DESCRIPTION

The Model 36A00-1 UPB™ Powerline Interface Module (PIM) is a plug-in module designed to interface to a serial port on an OmniLT, Omni II, or OmniPro II controller to transmit and receive UPB™ signals over the powerline.

INSTALLATION

Plug the Model 36A00-1 UPB™ Powerline Interface Module (PIM) into a 120 VAC outlet. Plug one end of the supplied 6 conductor modular cable to a serial port on the Leviton controller and plug the other end into the modular connector on the Model 36A00-1.

Use the 36A05-2 PIM to PC Cable & Connector (purchased separately) to connect the Leviton Model 36A00-1 UPB™ Powerline Interface Module (PIM) to a standard DB-9 serial port. The 36A05-2 is used to connect the PIM to the Leviton Model 10A17-1 Serial Interface Module for controlling UPB™ devices through an Leviton controller, or to a PC for configuring UPB™ devices using the UPB™ UPStart configuration software.

STATUS LED

The Status LED on the Model 36A00-1 will blink red when it transmits a UPB™ signal on the powerline and it will blink green when it receives a valid UPB™ signal over the powerline.

PROGRAM BUTTON

Leviton controllers communicate with the Model 36A00-1 UPB™ Powerline Interface Module in Message Mode. While Message Mode is the factory default mode of the PIM, the UPB™ UPStart configuration software uses the Pulse Mode of the PIM. If the PIM is in Pulse Mode when connected to an Leviton controller, the "Receive" LED on the Leviton Serial port will be on steady. The Program button on the left side of the Model 36A00-1 can be used to set the PIM to factory default (i.e. back to Message Mode). To set the Model 36A00-1 to factory default, do the following:

Step	Operation
1	Press the Program button five (5) times quickly in a row.
2	The LED should start to blink green to indicate it is in Setup Mode.
3	Press the Program button ten (10) times quickly in a row.
4	The LED should start to blink red to indicate that the Factory Defaults have been set.
5	Press the Program button one (1) more time.
6	The LED should stop blinking to indicate that it is ready for normal operation.

NOTE: It is normal for this module to make a slight buzzing sound during operation.

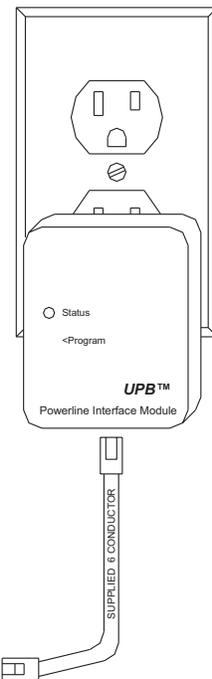
FCC Compliance

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 be 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.

FOR CANADA ONLY

For warranty information and/or product returns, residents of Canada should contact Leviton in writing at **Leviton Manufacturing of Canada Ltd to the attention of the Quality Assurance Department, 165 Hymus Blvd, Pointe-Claire (Quebec), Canada H9R 1E9** or by telephone at **1 800 405-5320**.



LEVITON LIMITED WARRANTY

Leviton warrants to the original consumer purchaser and not for the benefit of anyone else that products manufactured by Leviton under the Leviton brand name ("Product") will be free from defects in material and workmanship for the time periods indicated below, whichever is shorter: • **OmniPro II and Lumina Pro:** three (3) years from installation or 42 months from manufacture date. • **OmniLT, Omni II, and Lumina:** two (2) years from installation or 30 months from manufacture date. • **Thermostats, Accessories:** two (2) years from installation or 30 months from manufacture date. • **Batteries:** Rechargeable batteries in products are warranted for ninety (90) days from date of purchase. **Note:** Primary (non-rechargeable) batteries shipped in products are not warranted. **Products with Windows® Operating Systems:** During the warranty period, Leviton will restore corrupted operating systems to factory default at no charge, provided that the product has been used as originally intended. Installation of non-Leviton software or modification of the operating system voids this warranty. Leviton's obligation under this Limited Warranty is limited to the repair or replacement, at Leviton's option, of Product that fails due to defect in material or workmanship. Leviton reserves the right to replace product under this Limited Warranty with new or remanufactured product. **Leviton will not be responsible for labor costs of removal or reinstallation of Product.** The repaired or replaced product is then warranted under the terms of this Limited Warranty for the remainder of the Limited Warranty time period or ninety (90) days, whichever is longer. This Limited Warranty does not cover PC-based software products. **Leviton is not responsible for conditions or applications beyond Leviton's control. Leviton is not responsible for issues related to improper installation, including failure to follow written installation and operation instructions, normal wear and tear, catastrophe, fault or negligence of the user or other problems external to the Product.** To view complete warranty and instructions for returning product, please visit us at www.leviton.com.

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WEB VERSION