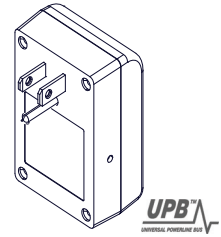# HAI UPB™ Appliance Module
Installation and Operating Instructions

For the following Models:

60A00-1 HAI 15A Appliance Module

READ THESE INSTRUCTIONS BEFORE INSTALLING DEVICE

This HAI UPB™ Appliance Module is intended for installation in accordance with the National Electrical Code and local codes and regulations. Retain these instructions for reference.

This product is for indoor use only.

HAI UPB™ Appliance Module Overview

The HAI UPB™ Appliance Module (Figure 1) is a plug-in device that incorporates the UPB™ two-way powerline communication technology, which gives it the ability to be remotely controlled by UPB™ compatible controllers. The Appliance Module has one UPB™ controllable outlet that can sense the load's local on/off switch (switch trigger) to turn the load on even after it was turned off using UPB™ control.

Note: The switch trigger feature is disabled by default; it may not work for all types of loads (e.g. fluorescent lighting loads).

The HAI UPB™ Appliance Module is also capable of transmitting UPB™ messages when the local load switch is used to turn the load on or off.

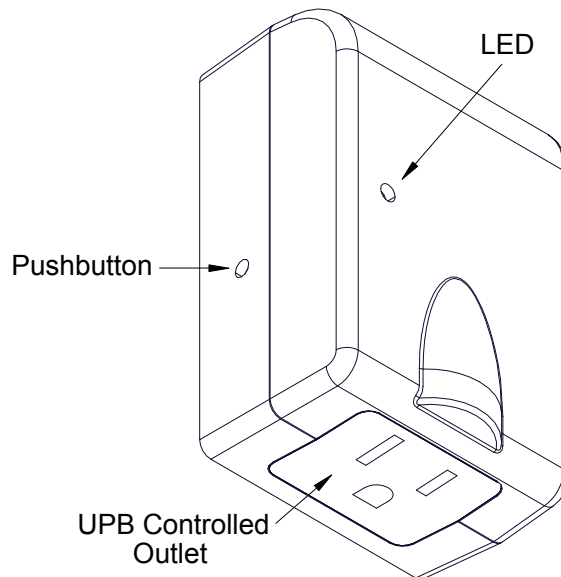Each appliance module can be configured to custom fit an individual's lifestyle and desires.

Figure 1 - HAI UPB™ Appliance Module

INSTALLATION INSTRUCTIONS

The HAI UPB™ Appliance Module is simply plugged into a standard wall outlet.

Load Information

The total load of the UPB™ controlled outlet must not exceed 15 Amps or ½ Horsepower.

Switch Trigger Operation

The Appliance Module can be configured to sense the load's local on/off switch (switch trigger) to turn the load on even after it was turned off via UPB™ control. By default, the Appliance Module has the switch trigger operation disabled.

Note: This feature may not work for all types of loads (e.g. fluorescent lighting loads).

HAI APPLIANCE MODULE OPERATION

The HAI Appliance Module has many configurable items that can be set using the UPB™ UPStart configuration software. The following describes the operation of the HAI Appliance Module in its factory default configuration.

LED Indicator

The HAI UPB™ Appliance Module comes equipped with a multi-color LED indicator that is normally lit to blue when the load is off. The LED will turn off when the load is turned on.

Test Mode

The Appliance Module's controlled outlet can be tested using the Test Mode. The Appliance Module can be put into test mode by the following steps:

Step	Operation
1	Press and hold the pushbutton for at least 3 seconds to enter Test Mode.
2	The HAI UPB™ Appliance Module will continuously blink its LED magenta to indicate that it is in Test Mode. Note: the appliance module will automatically exit Test mode after 5 minutes.
3	Press the pushbutton 1 time to turn the UPB™ controlled outlet on and off.
4	Press and hold the pushbutton for at least 3 seconds to exit Test Mode.

Setup Mode

To configure the HAI UPB™ Appliance Module using an HAI controller or a PC running the UPB™ UPStart configuration software, it must be put into Setup Mode as follows:

Step	Operation
1	Press the pushbutton switch quickly 5 times.
2	The HAI UPB™ Appliance Module will cycle the load one time and blink its LED blue to indicate that it is in Setup Mode. Note: the appliance module will automatically exit Setup mode after 5 minutes.

Reset to Factory Default Settings

To reset the HAI UPB™ Appliance Module to factory default settings:

Step	Operation
1	On the HAI UPB™ Appliance Module that you want to reset to factory defaults, press the pushbutton switch quickly 5 times.
2	The HAI UPB™ Appliance Module will cycle the load one time and blink its LED blue to indicate that it is ready to be set to factory defaults.
3	Press the pushbutton switch quickly 10 times to reset to factory default setting.
4	The HAI UPB™ Appliance Module will cycle the load one time and blink its LED red to indicate that it has been reset.
5	Press the pushbutton switch once more to stop the LED from blinking.

SPECIFICATIONS

Motor Load Maximum	½ HP
Current Maximum Non-Dimming	15A
Connections	Standard receptacle
LED Indicator	Yes
Dimensions	3" x 2" x 1.3"
Weight	0.25 lb.
Mounting	Plug-in
Input Power	120 ± 12 VAC
Input Frequency	60 ± 3 Hz
Operating Temperature	-40 °F to 104 °F

LIMITED WARRANTY

HAI warrants this product against defects in material and workmanship, under normal use and service, for a period of two (2) years from the date of purchase. During the warranty period, HAI will repair or replace, at its sole option, if this product fails due to defect. This warranty does not cover the cost of removal or reinstallation of any product. **This warranty does not cover failure caused by normal wear, damage to the product while in your possession (other than damage caused by defect or malfunction), or by its improper installation, including failure to follow the written installation and operation instructions, alterations, misuse, or abuse.** The remedies provided for in this warranty are the sole and exclusive remedies thereof. In no event shall HAI be liable for incidental expenses or consequential loss or damages. For the complete HAI Warranty for USA policy, see the HAI web site at www.homeauto.com.

Any implied warranties, including warranties of merchantability and fitness for particular use or purpose are limited to a period of two (2) years from purchase date. This warranty gives you specific legal rights, and you may have other legal rights, which vary from state to state. Some limitations may not apply to you.

For warranty and repair service within the continental United States, send defective unit carefully packaged, postage prepaid, along with description of trouble, name, return address, and phone number to: HAI, Repair Department, 4330 Michoud Blvd, New Orleans, LA, 70129. HAI will pay return shipping charges via normal ground service.

Outside of the continental United States: Contact an Authorized Distributor for repair/replacement instructions.

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