Leviton ZigBee Interface Module (ZIM)  
For Leviton Omni and Lumina Controllers

Operation Manual

Getting Started
1. Unpack the ZIM. Include in the ZIM, a 7 foot modular power/cables, and this manual.
2. Adjust the foot stand by holding the ZIM in one hand and pushing in gently on the side buttons [A]. Pull the foot from the back of the unit and adjust for a comfortable view.

Installation
The ZIM can fit on a table or other flat surface or can be mounted on a wall. Install the ZIM in a central area of the premises, as high above ground as practical. Allow at least a 6-inch clearance above the ZIM.

The ZIM should be at least 5 feet from electronic devices.
Avoid areas with excessive metal or electrical wiring.
Avoid areas where receiver will be exposed to moisture.

The ZIM will attempt to find the device that has been put into enroll mode.

Advanced Configuration and Diagnostics
The ZIM is equipped with advanced configuration and diagnostic tools for configuring and monitoring the ZigBee network without the use of a Leviton controller.

ZigBee Setup
The ZigBee Setup menu is used to view status messages, enroll devices, disable devices, view status of network devices, change the device type, and assign and edit names of devices on the network.

ZigBee Status Messages
To view the ZigBee status messages on the network:
1. From the Main Menu, highlight "ZigBee Setup" using the "Next" button. Once the ZigBee Setup screen is displayed, press the "Select" button. When complete, highlight "DONE" and press the "Confirm" button.

Messages that are received by the ZIM from ZigBee devices, the Leviton controller, and/or over the USB port on the ZIM are displayed on the ZigBee Messages screen.

To enroll a device into the ZigBee network, start the enrollment process on the Zigbee device to be enrolled, and then:
1. From the ZIM Messages screen, press the "Enroll" button. 
2. From the ZIM Enroll menu, press the "Find Device" button.
3. Place the new Zigbee device in the enrollment mode and then select "Enroll" to enroll the new device.

By default, the device is given a name. To save the device with the default name, with "DONE" highlighted, press the "Select" button.

To name the device use the up/down and left/right arrow buttons to highlight the character or function and press the "Select" button. When complete, highlight "DONE" and press the "Select" button.
2. Highlight the device to be removed from the ZigBee network. From the Device Details screen, press the “Delete” button.

3. To select a load, highlight it in the list and press the “OK” button.

The Loads button is used to view the status of, view the demand of (if applicable), control, and configure the loads. The Devices Details screen displays the ZigBee details for the device.

2. To display a device on the Home screen, highlight the desired device and press an “X” mark in the box by pressing the “Toggle” button.

The status of the selected ZigBee device will be displayed on the Home screen.

3. To remove a device from the Home screen, highlight the device and remove the “X” mark from the box by pressing the “Toggle” button.

The status of the selected ZigBee device will no longer be displayed on the Home screen.

2. To display a device in the list, press the “Next” button.

2. To highlight “Disband All”, and then press the “OK” button.

1. From the ZigBee Messages screen, press the “Network” button.

2. Highlight “Disband All”, and then press the “OK” button.

3. To disband the selected device from the ZigBee network, from the Device Details screen, press the “Disband” button.

Display Options

The Display Options menu option allows you to choose which, if any, ZigBee loads and/or temperatures show up on the Home screen of the ZIM. You can select up to three devices to be displayed.

1. From the Main Menu, highlight “Display Options” using the “Next” button.

With “Display Options” highlighted, press the “OK” button.

2. Highlight the device to be removed from the network and press the “OK” button.

3. If you are out of the house for 9 hours on a typical workday, you will set the “Default savings time” to “8:00” (8 hours). Now when you leave for work in the morning, simply press the Wakeup Button to put your Zigbee devices in energy savings mode.

Controlling Thermostats

b) To change the status for a period, highlight the status by pressing the “Next” button.

b) Press the “OK” button to save the highlighted Program Status.

Note: While on this screen, if no buttons are pressed for 5 seconds, the display will return to the previous screen.

3. To select a device, press the “Next” button.

2. To highlight a load in the list, press the “Next” button.

The Loads menu is used to configure all settings in the ZIM to the original factory default settings.

1. From the Main Menu, highlight “Factory Defaults” using the “Next” button.

With “Factory Defaults” highlighted, press the “OK” button.

2. To display the current settings.

3. From the Main Menu, highlight “Temperature Settings” using the “Next” button.

With “Temperature Settings” highlighted, press the “OK” button.

1. From the Main Menu, highlight “Temperature Settings” using the “Next” button.

2. From the Home screen, press the “Loads” button.

A list of available loads is displayed:

5. To select the hours and minutes that the MicroControl Companion will stay in Energy Savings Mode. For example, if you are out of the house for 9 hours on a typical workday, you will set the “Default savings time” to “8:00” (8 hours). Now when you leave for work in the morning, simply press the Wakeup Button to put your Zigbee devices in energy savings mode.

Energy Savings Options

The Energy Savings Options screen is used to configure the default energy savings mode that the MicroControl will stay in Energy Savings Mode when the Wakeup Button is pressed.

1. From the Main Menu, highlight “Energy Savings Options” using the “Next” button.

With “Energy Savings Options” highlighted, press the “OK” button.

2. Highlight “Disband All”, and then press the “OK” button.

The status of the selected Zigbee device will no longer be displayed on the Home screen.

Temperature Settings

The Temperature Settings menu is used to control the temperature settings of the Hall Thermostat or Celsius.

1. From the Main Menu, highlight “Temperature Settings” using the “Next” button.

2. From the Home screen, press the “Loads” button.

3. To change the selected thermostat, highlight the selected thermostat and press the “OK” button.

The MicroControl will stay in Energy Savings Mode when the Wakeup Button is pressed.

1. From the Main Menu, highlight “Energy Savings Options” using the “Next” button.

With “Energy Savings Options” highlighted, press the “OK” button.

2. Read the displayed warning message.

To cancel the factory reset and return to the Main Menu, press the “Cancel” button.

Controlling Loads

This feature is used to view the status of, view the demand of (if applicable), control, and schedule enrolled load control devices on the Zigbee network.

View, Control, and Schedule Loads

To view, control, and schedule available loads on the Zigbee network:

1. From the Home screen, press the “Loads” button.

Select the hours and minutes that the MicroControl Companion will stay in Energy Savings Mode. For example, if you are out of the house for 9 hours on a typical workday, you will set the “Default savings time” to “8:00” (8 hours). Now when you leave for work in the morning, simply press the Wakeup Button to put your Zigbee devices in energy savings mode.