myHome™

Version 1.0

Advanced Home Automation For Insteon and X10

©2010 by QSys Software

I. Introduction

myHome™ Software gives you the control to create complex scenarios (scenes) that give you complete control over all of your Insteon and X10 devices. This control goes far beyond what can be done by programming the devices themselves. Scenarios can be activated and disabled, controlled from the web interface off your iPhone/ iPad, or your friend's computer while away from home. Given an trigger event, myHome™ can take an appropriate action, and even notify you by email or text message right to your phone. If you are away from home, myHome™'s built in Web Server Interface allows you to check the status of you house and control the devices.

The following pages will walk you through the concepts that will be used to setup and customize your control with myHome™. From there we will review connecting the required hardware to your computer, and the software that will be require for your computer to communication with the Insteon and X10 devices. The preferences will be setup to control how we want to communicate with myHome™ through the email and the web, along with your location so that we can setup scenarios that are triggered at sunup and sundown.

The Section on Setting Up Devices will be used to walk you through setting up the various devices that you want myHome™ to communicate with. While setting up the devices, various options can be set for each device, and the device communication can be tested. This will ensure correct setup along with verification that the device is within range, etc. Once the devices have been added to myHome™ and tested, we will group the devices into actions to take along with setting up scenarios that will will use to control our action groups.

A. myHome™ Concepts

1. Supported Devices

Devices in myHome™ are used to represent individual devices of all supported types that you wish to establish communication. myHome™ can represent 2 types of devices: 1) Actual Insteon compatible devices that have unique Insteon Addresses (in the form of XX:XX:XX), and 2) Single or a Group of X10 Devices that are represented by single House and Unit codes.

2. Action Groups

Action Groups (Scenes) are a set of devices that you want to control for a specified event. Action Groups can consist of a single or multiple devices that you wish to control. These devices can be individually controlled (turn 1 light on, while turning anther light off) across all devices that you assign to a group. These groups have a single purpose and are named to reflect that purpose. (ie. Office Lights On, Back Yard Scene 1, Etc.). You will use these action groups in your scenarios to provide the desired effect you are looking for.

3. Scenarios

Scenarios in myHome™ lets you setup multiple scenes (Action Groups) that can be controlled based on a single trigger (event). The triggers can range from an input by an Insteon or X10 Controller Device (ie. KeypadLinc, RemoteLinc), Time Based (Specified Times/Dates or Sun Up or Sun Down, and iCal), or through the Web Interface. All active scenarios will be monitored and triggered as required. When a trigger occurs, all associated Action Groups will be executed to perform the required tasks.

B. Required Hardware

1. Macintosh G5 Or Intel Computer

myHome™ software requires A Macintosh Computer Running OSX 10.5 or later. The machine must have a minimum of 500MBytes of free disk space, 1 GB of RAM, and an available USB port to connect the PowerLinc Modem.

2. PowerLinc Modem

myHome™ software requires a PowerLinc Modem (Serial or USB) connection. The device is required by myHome™, so that your computer can communicate with your Insteon/X10 network

3. Cabling

For you computer to communicate with the PowerLinc Modem, your PowerLinc Modem must be connected to your computer using a free USB port. If you are using the USB version of the PowerLinc Modem, connect the provided USB cable from the PowerLinc Modem to your Macintosh.

If using the Serial connection version of the PowerLinc Modem, you will need to provide a USB to Serial (RS232) adaptor. The recommended adaptor is the Keyspan USA-19HS, that can be found at http://www.keyspan.com. Follow the instructions provided by Insteon and Keyspan to connect the PowerLinc Modem to your free USB port.

C. Distribution

myHome™ should only be copied with the Program, Documentation, other files contained in the original download from the QSys Software Website. It can be uploaded on free download sites and free CDs. myHome™ can not be sold, packaged on CDs or other Medium that charges Money for Access without express written permission by QSys Software

D. Suggestions/Error Reporting

If you have any suggestions for product improvements, or errors to report, drop us an email at support@qsyssoft.com. Also, check our web page at http://www.qsyssoft.com for the latest information on products from QSys Software.

E. Legal Statement

The Author or QSys Software herby disclaims all warranties relating to this software, whether express or implied, including without limitation any implied warranties of merchantability or fitness for a particular purpose. QSys Software will not be liable for any special, incidental, consequential, indirect or similar damages due to loss of data or any other reason, even QSys Software, or an agent of his has been advised of the possibility of such damages. In no event with QSys Software be liable for any damages, regardless of the form of the claim. The person using the software bears all risk as to the quality and performance of the software.

F. License Agreement

QSys Software LLC grants the customer a non-exclusive and non-transferable license to use myHome™ (the “software”) as long as the customer complies with the terms of this agreement. With a single-user license, you (the customer) may use 1 copy of the software on a single computer that is owned by you. The myHome™ documentation and the software are copyrighted and all rights are reserved. The manual and the software may not, in whole or in part, be copied, photocopied or reproduced without written consent from QSys Software, although you may make copies of the software for backup purposes only. You man not loan, rent or license the software or the manual.

II. Licensing Registration

A. Trial Mode Restrictions

myHome™ is Trialware. You can test the program, and if you continue to use myHome™, you will be required to register your copy. This version will allow you to use myHome™ for 30 days before during the trial period before registration is required.

B. Purchasing License

To register a copy of myHome™ you will need to purchase a user license. This can be done by visiting our website at http://www.qsyssoft.com and following the instructions. Once you have purchased a license for version 1.0, you will be sent a license key that can be used to unlock myHome™

C. Registering Instructions

myHome™ has a protection scheme "LicenseController" from Derman Corporation (www.derman.com). The License Key will be emailed to you . The License is only valid on 1 computer. If you change computers, you will need to unregister the old computer before using the license key on the new computer.

The quick steps to register your license, you can follow these steps. A full level of documentation is provided along with the software, if required.

1) Under the myHome™ menu, select the "License…." option.

2) This will open the "Licensing by LicenseControl" Window

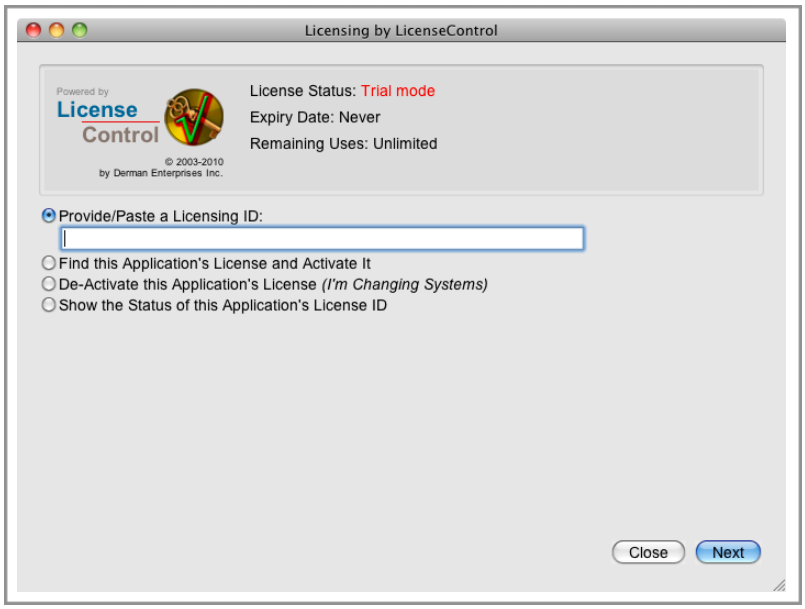
3) Select the "Provide/Paste a Licensing ID:" radio button

4) Enter The License Key that was emailed to you

5) Press The "Next" Button

6) You Should Receive Conformation that the License Was Accepted

7) If You have any problems, see the full documentation.


Licensing by LicenseControl
Powered by
License
Control
© 2003-2010
by Derman Enterprises Inc.
License Status: Trial mode
Expiry Date: Never
Remaining Uses: Unlimited
Provide/Paste a Licensing ID:
Find this Application's License and Activate It
De-Activate this Application's License (I'm Changing Systems)
Show the Status of this Application's License ID
Close
Next

III. Install Software

A. Driver Software

Now that the PowerLinc Modem is connected to your Macintosh, the appropriate software driver must be installed that will allow the USB port to be used to communicate with your PowerLinc Modem. Based on the type of Modem interface you are using, you will need to follow the guidelines below.

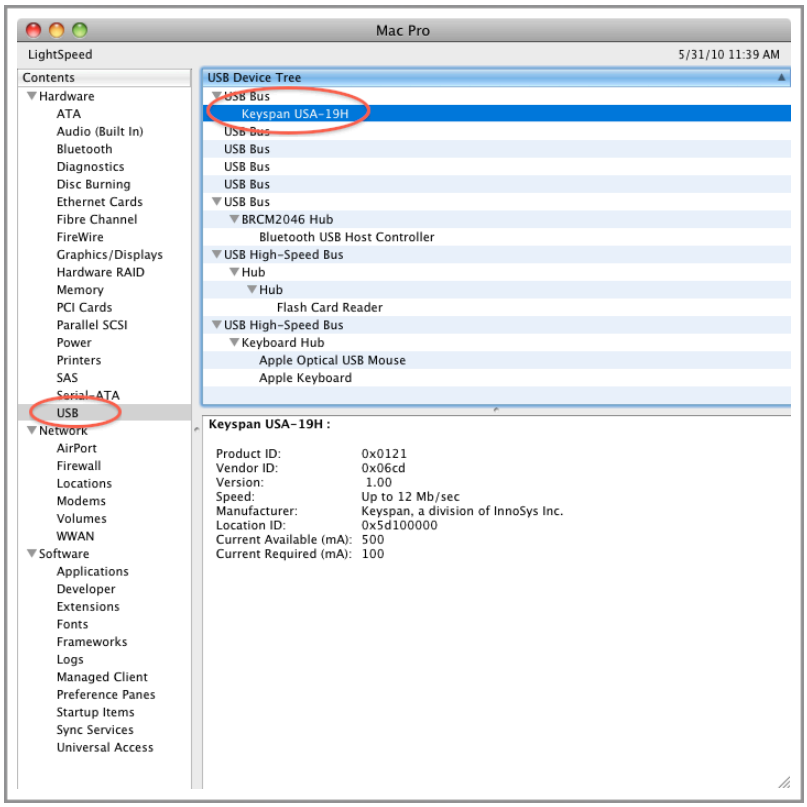
1. Serial Modem

1. For the PowerLinc Modem with a Serial Interface, you will need to purchase a Keyspan USB to Serial (RS232) adaptor.

2. Follow the install instructions from Keyspan to install the appropriate drivers on your Macintosh Computer.

3. After restarting your Macintosh Computer, Plug the USB to Serial Adapter to the PowerLinc Modem, and plug the Insteond Modem into a Power Outlet.

4. Once the Connection is established, the KeySpan software will setup a connection to the computer. This can be verified by going to the Apple Menu -> About This Mac. From there click on the "More Info..." button. In the new window, click on the USB content and search for a "Keyspan USA-19H" line. If you see this entry, you have configured everything correctly. If not, please see the installer for troubleshooting suggestions.



2. USB Modem

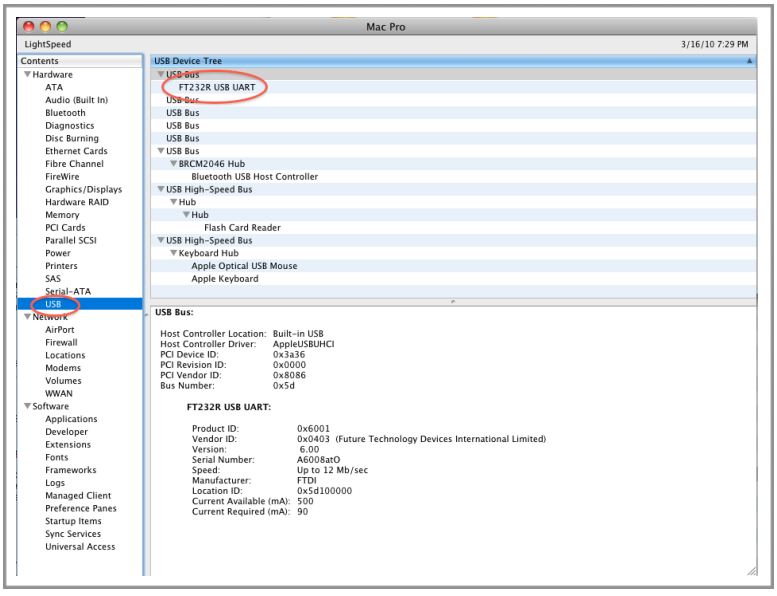
1. To communicate with this device, you will need to install the USB driver. This can be done by downloading the latest driver from http://www.ftdichip.com/FTDrivers.htm

2. Mount the FTDIUSBSerialDriver_v2_x_x.dmg image

3. Install the appropriate package for the OS version you are running and Restart your machine

4. After you restart your Macintosh Computer, plug the USB from he PowerLinc Modem into your Mac, and plug the PowerLinc Modem into a Power Outlet.

5. Once the USB connection is made, the USB driver will setup a communication link to the PowerLinc Modem. This can be verified by going to the Apple Menu -> About This Mac. From there click on the "More Info..." button. In the new window, click on the USB content and search for a "FT232 USB UART" line. If you see this entry, you have configured everything correctly. If not, please see the installer for troubleshooting suggestions



B. myHome™

Install myHome™ software on your hard drive, by dragging the application icon into your Applications folder. Once on your hard drive, double-click the icon to launch myHome™. From here we will setup myHome™ to automate your Insteon and X10 Devices.

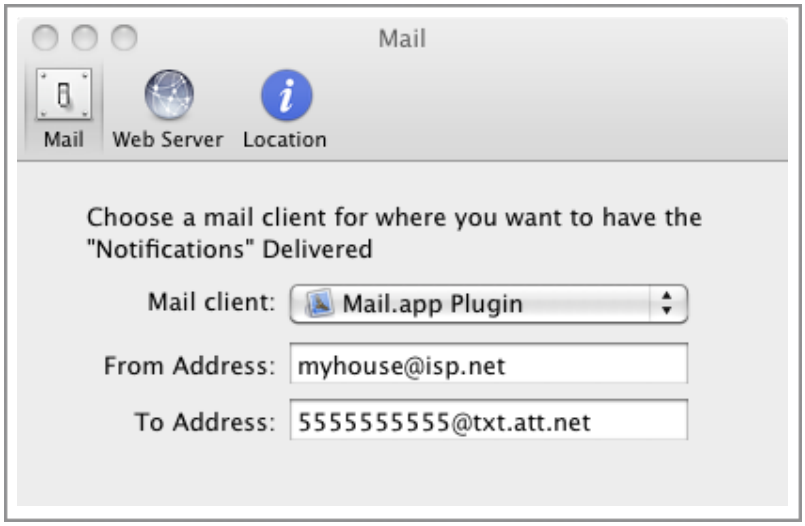
IV. Preferences

A. Mail Interface Setup

myHome™ allows for you to send messages to a given user using your favorite email program when an scenario is executed. To do this, select the Mail Tab in the myHome™ Preference Pane.

1. Select the installed Mail Client you would like to use from the drop down menu
2. Enter the "From Address" for a valid email use on the system
3. Enter the "To Address" on where to send the automated email message.

Note: The email address can be the email address for text messages from your cell phone carrier. (ie. 5555555555@txt.att.net)



B. Web Server Setup

myHome™ allows for you to check the status of your Devices along with triggering scenarios through your favorite web browser. By default, myHome™ is customized to work on small browsers like the iPhone. The built in WebServer uses modern encryption and password protection to prevent others from controlling your devices. To setup the Web Server:

1) Enter a WebServer Port (from 1025-65534) that will be allowed by your Internet Service Provider. This will require you to enter the port in your web browser (ie. if you are using port 5678 and your IP address is 192.168.0.2, then you would enter https://192.168.0.2:5678 into your browser).

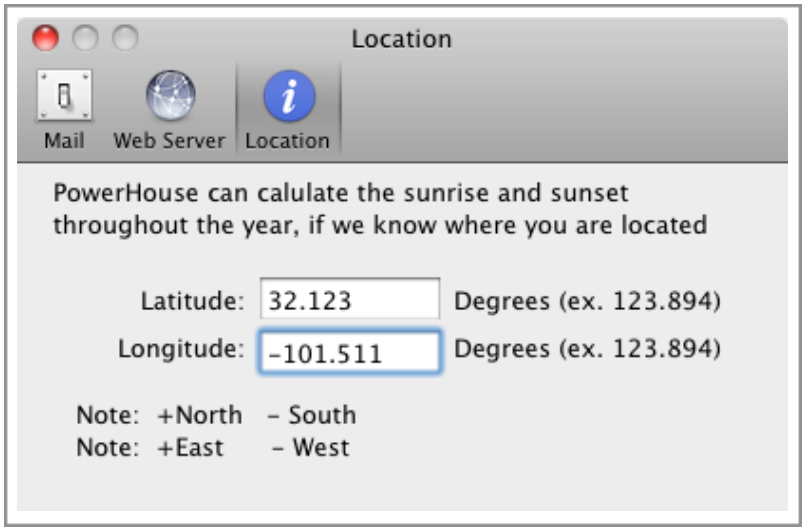
2) For Authentication across this encrypted link, enter a username/password to be used.

3) Click on the Save Changes

NOTE: While you are able to load the web pages, you must have the monitoring running for full control of you devices.

C. Latitude/Longitude Setup

To allow for myHome™ to determine when Sun Up and Sun Down will occur for your location throughout the year. myHome™ will need to know your location's Latitude and Longitude. This information can be obtained from a number of sites across the internet (and most handheld GPS devices). Web sites like: http://www.bcca.org/misc/qiblih/latlong.html show a host of locations. Also, instructions exist across the web, for obtaining this information off of Google Maps.



NOTE: The latitude/longitude information to enter needs to be in decimal format. This can be done by dividing the minutes by 60.0 and add it to the degrees. (ie. 100deg 30' -> 30/60.0 = 0.5 Thus, 100.5 degrees).

D. Advanced Setup

myHome™ has 2 Advanced settings that can be used once you have setup myHome™ with devices and scenarios. These options are used to: 1) Automatically start your automation monitoring during launch of the application, and 2) Monitoring the ability to communicate of your Insteon devices in your home automation network.

1. Start Monitoring On Startup

After you setup your home monitoring network using myHome™ you will probably want to have the automation monitoring startup when you launch myHome™. This can be done quickly by selecting the "Start Monitoring ON Startup" checkbox under the Advanced Tab in the myHome™ preferences.

2. Monitor Device Connections

After doing all that work in setting up your home automation network to monitor everything from Windows to Garage Doors, how do you know that you are able to communicate and monitor across your network? What happens if someone unplugs a device that is critical to your network? What happens if a device stops working? The usual method is to test your automation network on a regular bases. The other method is to allow myHome™ to do it for you.

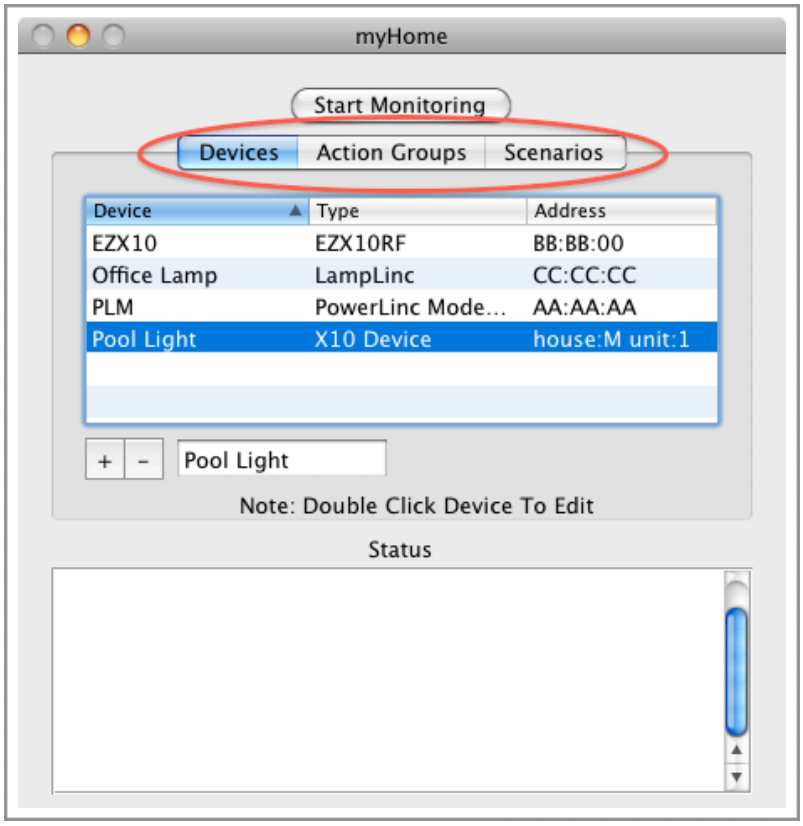
By selecting the "Monitor Device Connections" under the Advanced Tab in the Preferences, myHome™ will periodically check the connections to your Insteon Devices while you are Monitoring your home automation network.


Advanced
Mail
Web Server
Location
Advanced
Start Monitoring On Startup
Note: You Must Disable (Stop) Monitoring
To Edit Your myHome™ Setup
Monitor Device Connections
Note: myHome™ monitors each Insteon
Device. If Connection is lost, a notification
message will be sent.

V. Setting Up Devices

This section provides an introduction in configuring the myHome™ software to communicate and control each device.

In launching myHome™ for the first time, you will notice there are 3 tabs across the middle of the screen: 1) The Left Most "Devices", 2) The Middle Table "Action Groups", and 3) The Right Most "Scenarios" tabs. In this section, we are going to focus on the left tab "Devices". Make sure that the "Devices" tab is selected throughout this section discussion.



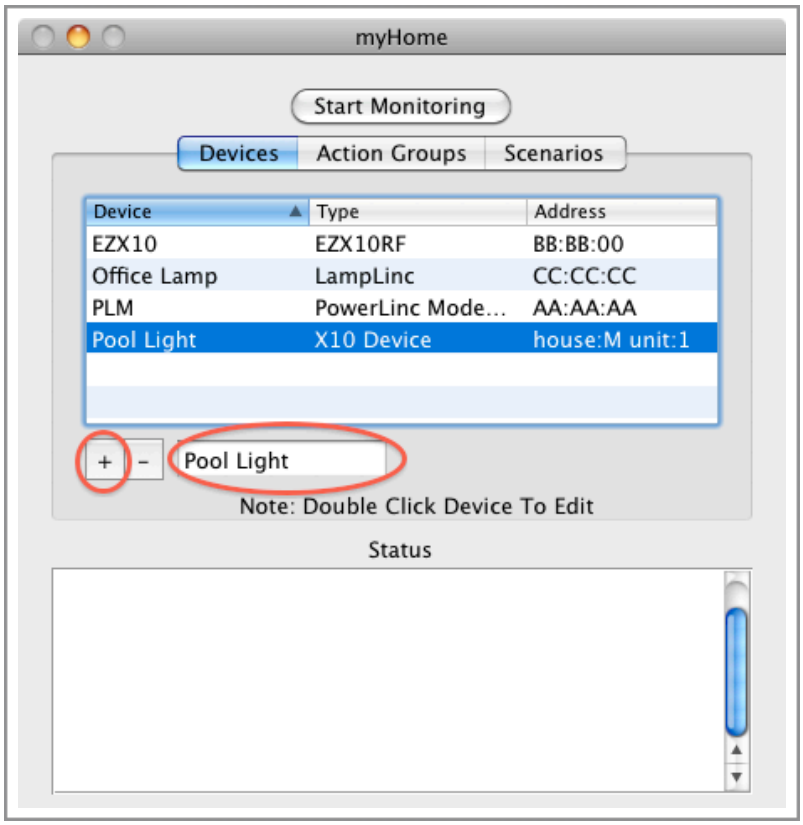
When the "Device" tab is selection, the table will provide 3 columns that represent: 1) the User Provided Name Of the Device (ie. Office Lamp), 2) the Type of Device (ie. LampLinc), and 3) the Insteon/X10 Address.

To Add a new device:

1. click on the "+" button to add a new device

2. give it a meaningful name (ie. Pool Light) in the Text Entry Field.

3. after the name has been entered, double-click on the Row for the device to edit it's information and test the device.



NOTE: While much of your automation network can be setup using the software, EACH device that you want to communicate with the computer will require a "Physical Link" to be established. This is a security measure provide by Insteon to prevent Snooping and Control from your neighbors. (ie. You must have physical access to the devices you want to be part of your network) The following section will not only walk through the physical linking, but also the setup and control of the myHome™ device interface.

NOTE: If during the adding of devices, you are unable to communicate with the device for testing, restart myHome™ will usually fix the problem.

A. PowerLinc Modem

1. Basic Setup

The FIRST device that you should setup is your PowerLinc Modem. Without this device being properly configured and tested, no other device will be able to communicate to your myHome™ software. The following steps will be used to create the new entry.

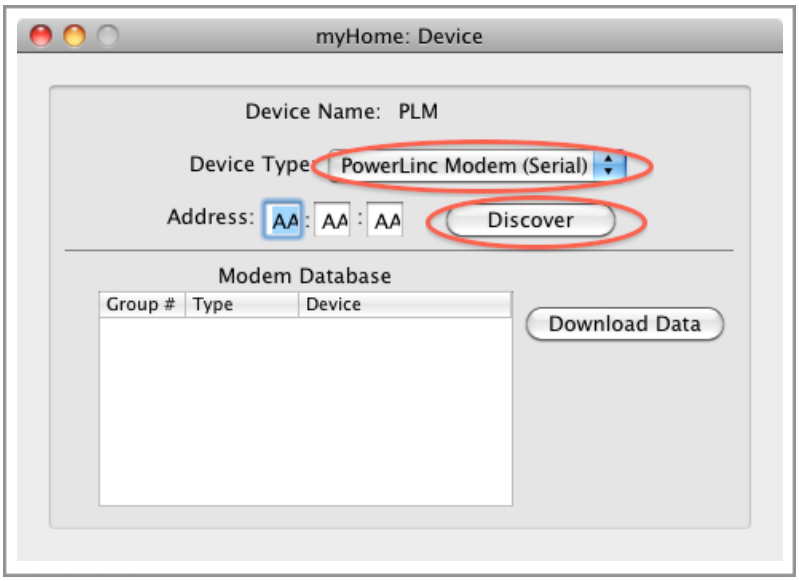
Follow the steps in the previous section to create a new device and name it "PLM"

1. Double-Click on the PLM Row Entry to open the Device Setup/Test Window.

2. From the "Device Type:" drop-down menu, select the "PowerLinc Modem (Serial)" or "PowerLinc Modem (USB)" based upon the type of device you are using.

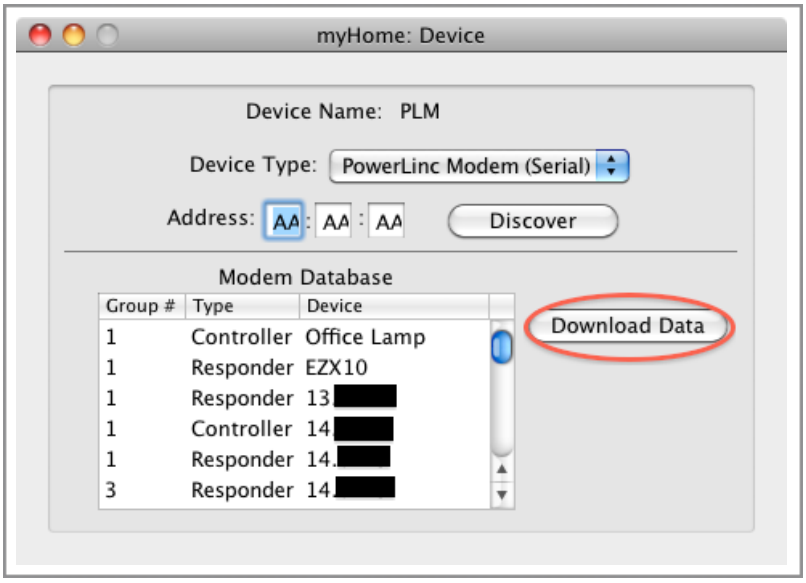
3. To verify you have setup the hardware correctly and installed the appropriate drivers, click on the "Discover" button. This action should replace the "Address:" values from "00:00:00" to the actual device address. If this does not work, quit myHome™, check your configurations, and follow the steps again to configure your PowerLine Modem.

4. Once the Address Values appear you have the PowerLinc modem configured! Save your progress so far.



2. Modem's All-Link Database (ALDB)

Once you have properly setup the PowerLinc Modem, you can select the "Download Data" to download the Modem's Database to view. The database will be showed in the table on the left. This table has 3 columns: 1) Insteon Group #, 2) the link type (Controller or Responder), and 3) the device (NOTE: If the device has already been configured, the device name will be used. If the device is not know to myHome™, the Insteon device address will be shown)



B. EZX10RF

The EZX10RF Device allows for you to integrate the X10 Wireless RF devices into your Insteon based home automation network. The following section will show you how to setup and test this device. While it is possible to directly use X10 messages to trigger your Insteon Devices, it is recommended that you follow the steps to have the X10 RF messages that are received be converted to Insteon Messages. Insteon Messages are more stable and quicker across your home automation network.

1. Basic Setup

Once you have the PowerLinc Modem setup, adding a new EZX10RF device to the automation network can be setup using the following steps.

Follow the steps in the previous section to create a new device and name it something like "EZX10".

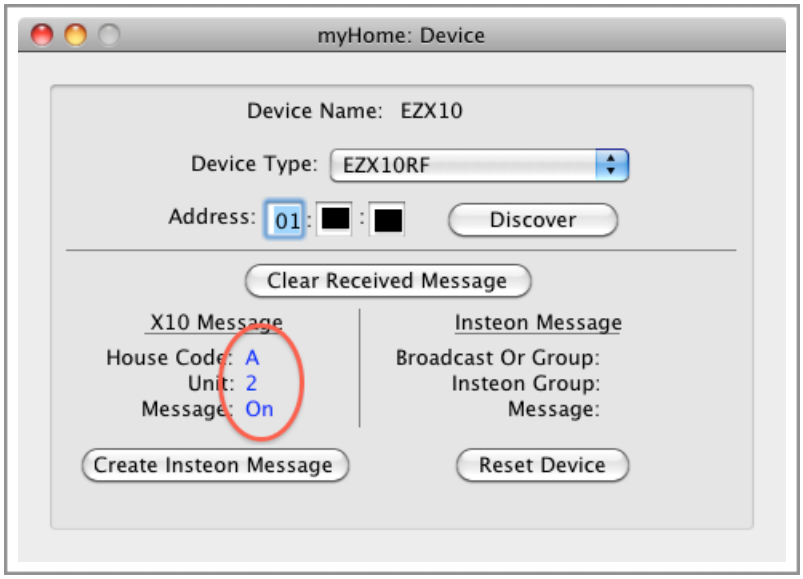
1. Double-Click on the EZX10RF Row Entry to open the Device Setup/Test Window.
2. From the "Device Type:" drop-down menu, select the "EZX10RF" type
3. For the EZX10RF device yo will need to enter the address in the fields provided.
4. Save and Restart myHome™.

2. X10/Insteon Message Testing

1. Double-click on the device name in the device list to open the configuration and test window

2. Out of the box, the EZX10RF device will capture and forward X10 messages. If you have entered the address correctly, you will see the X10 messages received on the left pane (under the X10 Message heading).

3. Note: While using X10 messages is possible with myHome™, it is suggested to have the EZX10RF device convert these messages into Insteon Broadcast messages. The next section will discuss the steps required to make this happen.



3. Converting X10 Into Insteon Message

1. If the EZX10RF configuration window is not open, Double-click on the device name in the device list to open the configuration and test window

2. Use your wireless X10 device to send the desired House and Unit code to the EZX10RF device. The received data will be displayed in the left pane.

3. With the desired House/Unit code showing, click on the "Create Insteon Message" button.

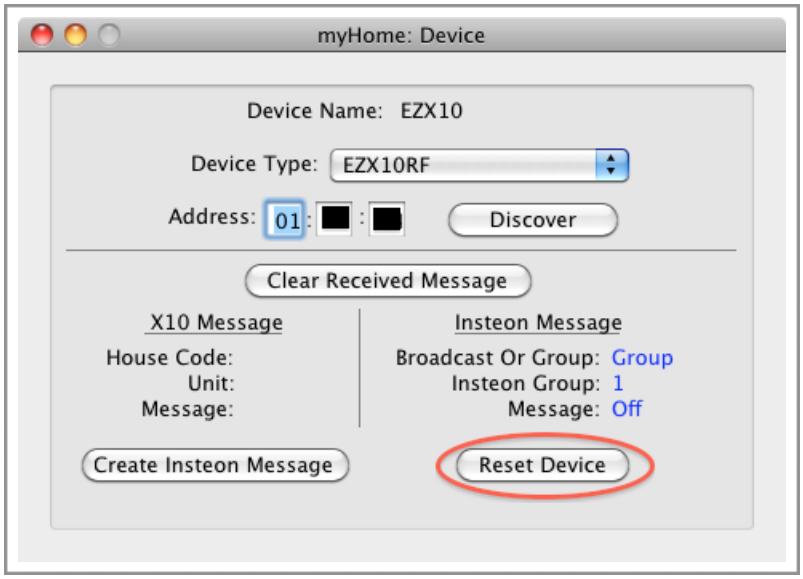
4. This will program the EZX10RF device. (This will take a number of seconds)

5. Once this is done, click on the "Clear Received Message" Button.

6. Use your wireless X10 device to send the same House/Unit code to the EZX10RF device. Now you should see a Broadcast message in the Right Pane (Under the "Insteon Message" heading).

4. Resetting Device

If you need to clear the EZX10RF device back to the factory defaults, click on the "Reset Device" button. This will take a few moments to reset and reboot the EZX10RF device.



C. I/OLinc

There are 2 ways to use the I/OLinc device. The first is to use it as an automatic switch to control a low voltage circuit (like hitting the button on the garage door). The second is to use it as a sensor to monitor (open/close) a low voltage circuit (like a security door/window sensor).

1. Basic Setup

Once you have the PowerLinc Modem setup, adding a new I/OLinc device to the automation network can be setup using the following steps.

1. Once the I/OLinc is configured for operation (i.e. connected to a Door Sensor, Pressure Mat, etc.), close the low voltage circuit. This should result in the green indicator light on the front of the I/OLinc to turn on.

2. With the circuit in a close state, press and hold the set button on the I/OLinc device until it beeps/ flashes.

3. With the I/OLinc indicator light flashing, press and hold the set button ont he PowerLinc Modem until it beeps/flashes.

4. This will complete the setup to allow the I/OLinc to notify the PowerLinc Modem when the circuit changes state (open or closes).

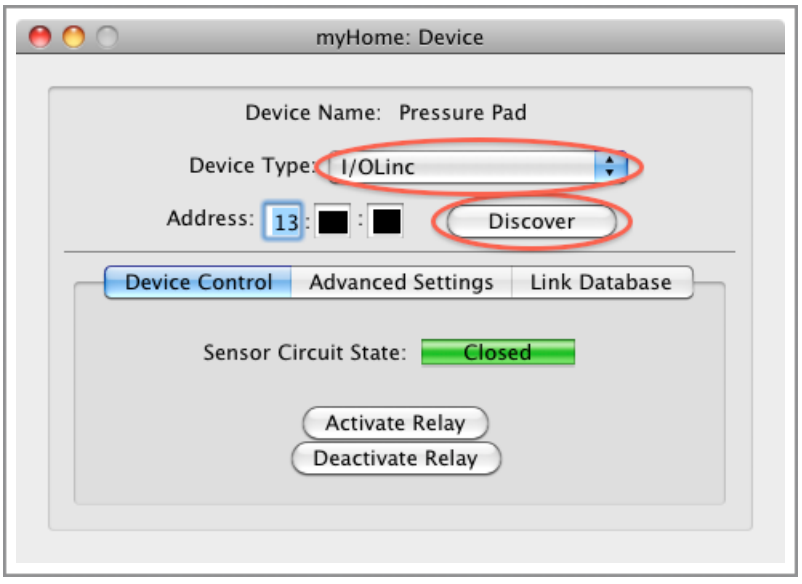
Now that we have configured the physical devices to communicate (Insteon Security), we need to setup the connection myHome™ software to work with this new device. Follow the steps in the introduction to this section to create a new device and name it something like "Garage Door".

1. Double-Click on the I/OLinc Row Entry to open the Device Setup/Test Window.

2. From the "Device Type:" drop-down menu, select the "I/OLinc" type

3. To verify that you can communicate to the device through your automation network, we will attempt to "discover" the device. Press the "Discover" button. This will put your PowerLinc Modem into a listening mode for new devices. You can verify this, by observing the flashing status light on the PowerLinc Modem.

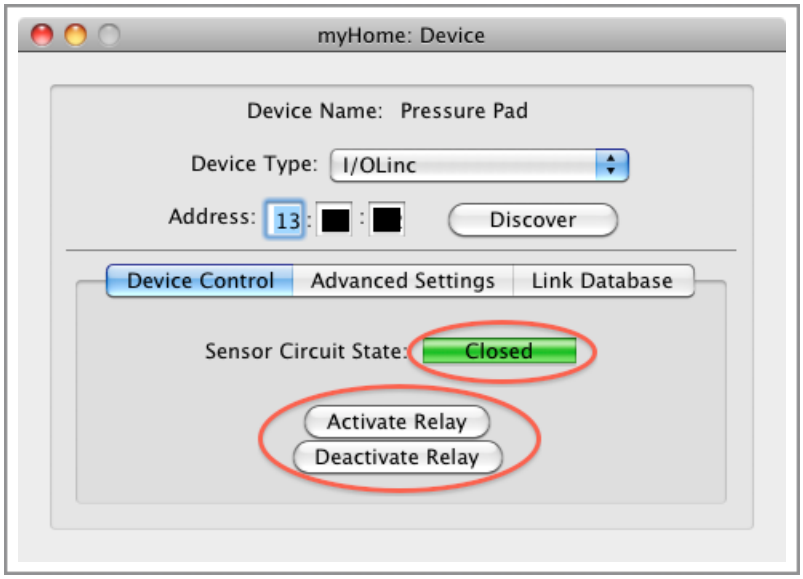
4. Go to the I/OLinc device, press and hold the set button until it beeps/flashes. This action should replace the "Address:" values from "00:00:00" to the actual device address.



2. Testing Device (Device Control Tab)

You can test to verify that the I/OLinc sensor is working by opening and closing the low voltage circuit. As you do that you should notice the "Circuit State" change between "Open" and "Closed" respectively.

If the I/OLinc Device Relay is connected to a circuit you can test the circuit by pressing the "Activate Relay" button. You should hear a momentary "click" that will temporarily enable the circuit (default out of the box operation). If you have set the advanced device settings to stay "On", you can disable the circuit by clicking on the "Deactivate Relay" Button.



3. Advanced Settings Tab

By selecting the "Advanced Settings" Tab, you will be able to change some standard settings on the device. You can view and change the options by selecting/unselecting the checkboxes and the pressing the "Update Device" tab.

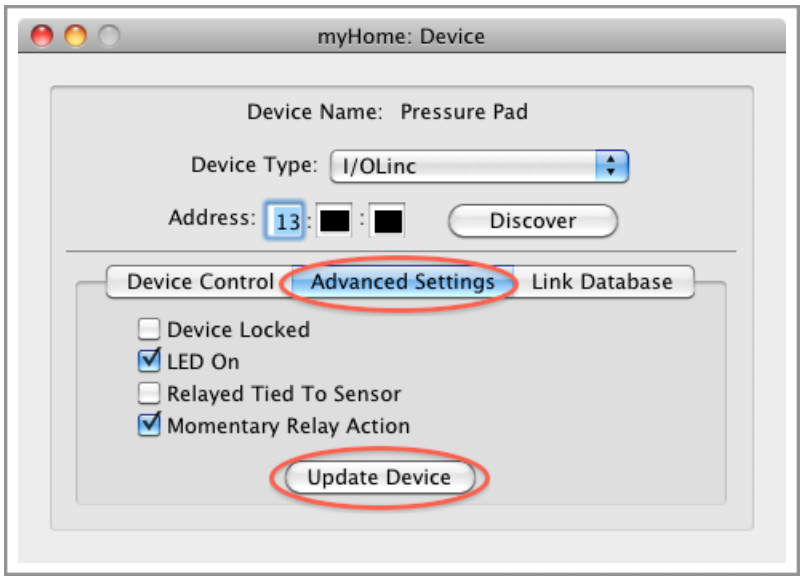
The definition of the tabs are:

1. "Device Locked" -

2. "LED On" - The status LED light when checked (default) is On and flashes during communications. When unchecked the LED status light is turned off.

3. "Relayed Tied To Sensor" - (Off by default) When enabled, the change in the Low Voltage Circuit will trigger the Low Voltage Relay.

4. "Momentary Relay Action" - (On by default) When enabled, the Relay will Activate momentarily. When not selected, the Relay action will be to change states and stay in the new state until a command is received to change the relay state back.



4. Device ALDB (Link Database Tab)

By selecting the "Link Database" tab, you will be able to view the ALDB stored in the device. Once you have properly setup the I/OLinc device, you can select the "Download Data" to download the Modem's Database to view. The database will be showed in the table on the left. This table has 3 columns: 1) Insteon Group #, 2) the link type (Controller or Responder), and 3) the device (NOTE: If the device has already been configured, the device name will be used. If the device is not know to myHome™, the Insteon device address will be shown.)

D. KeypadLinc

The KeypadLinc device can be used to monitor the state of an Action Group, or provide a set of triggers for your automated network. The 6-key KeypadLinc can control/display the state of 5 different scenarios.

1. Basic Setup

Once you have the PowerLinc Modem setup, adding a new KeypadLinc device to the automation network can be setup using the following steps.

1. Press and hold the "ON" button on the keypad device until it beeps/flashes (must hold 10 seconds).

2. With the "ON" light flashing, press and hold the set button on the PowerLinc Modem until it beeps/flashes.

3. Repeat Steps 1 and 2 for the A through D buttons.

4. This will complete the setup to allow the Keypad to notify the PowerLinc Modem when any keypad button is pressed on the device

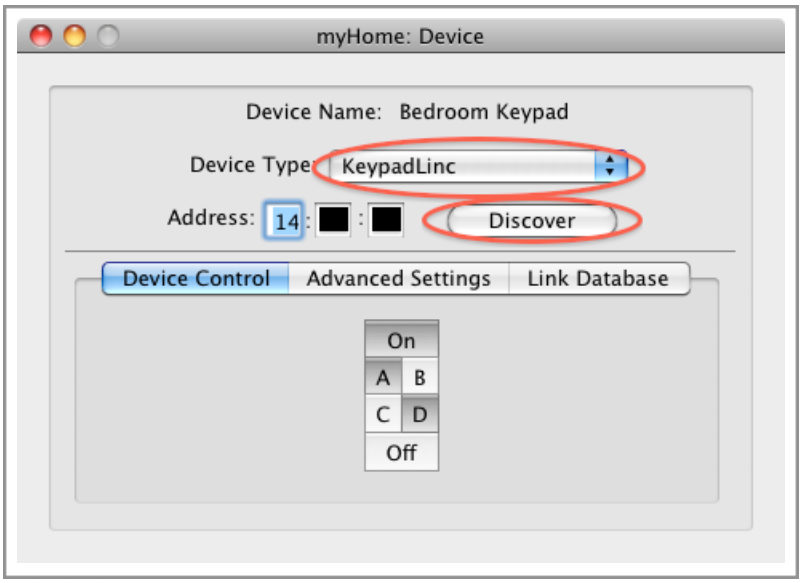
Now that we have configured the physical devices to communicate (Insteon Security), we need to setup the connection myHome™ software to work with this new device. Follow the steps in the introduction to this section to create a new device and name it something like "Bedroom Keypad".

1. Double-Click on the Keypad Row Entry to open the Device Setup/Test Window.

2. From the “Device Type:” drop-down menu, select the “KeypadLinc” type

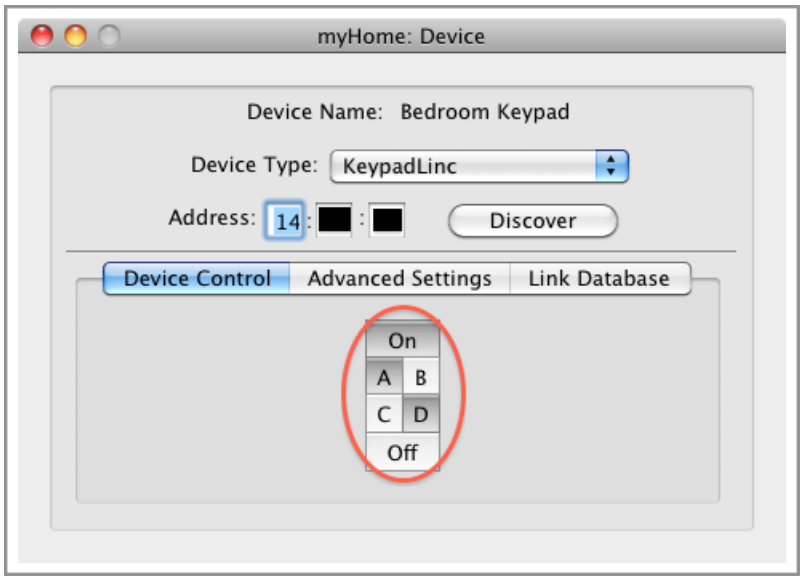
3. To verify that you can communicate to the device through your automation network, we will attempt to “discover” the device. Press the “Discover” button. This will put your PowerLinc Modem into a listening mode for new devices. You can verify this, by observing the flashing status light on the PowerLinc Modem.

4. Go to the Keypad device, press and hold the set button (located below the “Off” keypad button) until it beeps/flashes. This action should replace the “Address:” values from “00:00:00” to the actual device address.



2. Testing Device

To test the KeypadLinc connection, Press the Buttons On The Setup/Test Window. You should notice the corresponding keys on the KeypadLinc to reflect the On/Off State. By pressing the KeypadLinc buttons to change it’s state, you should also notice the changes on in the Setup/ Test Window.



3. Advanced Settings

By selecting the "Advanced Settings" Tab, you will be able to change some standard settings on the device. You can view and change the options by selecting/unselecting the checkboxes and the pressing the "Update Device" tab.

The definition of the tabs are:

1. "Device Locked" -

2. "Keypad Backlight" - When selected the backlight of the "Active" buttons is On (default). When unchecked backlight is off on the buttons.

3. "Key Beep On" - (Off by default) When enabled, a "beep" will happen when the button is pressed.

4. Device ALDB

By selecting the "Link Database" tab, you will be able to view the ALDB stored in the device. Once you have properly setup the KeypadLinc device, you can select the "Download Data" to download the Modem's Database to view. The database will be showed in the table on the left. This table has 3 columns: 1) Insteon Group #, 2) the link type (Controller or Responder), and 3) the device (NOTE: If the device has already been configured, the device name will be used. If the device is not know to myHome™, the Insteon device address will be shown.)

E. LampLinc

There are 2 ways to use the LampLinc device. The first and common way is to control the amount of energy (Wattage) that is allowed to flow to the Light (thus the dimmer properties). The second is to use it as a sensor to monitor the current draw on the circuit, and to report the change. This change can be used as a trigger to cause actions to happen in your automation network.

1. Basic Setup

Once you have the PowerLinc Modem setup, adding a new LampLinc device to the automation network can be setup using the following steps.

1. Press and hold the set button on the LampLinc device until it beeps/flashes.

2. With the LampLinc indicator light flashing, press and hold the set button on the PowerLinc Modem until it beeps/flashes.

3. This will complete the setup to allow the LampLinc to notify the PowerLinc Modem when there change in the circuit state, current dimmer level, etc..

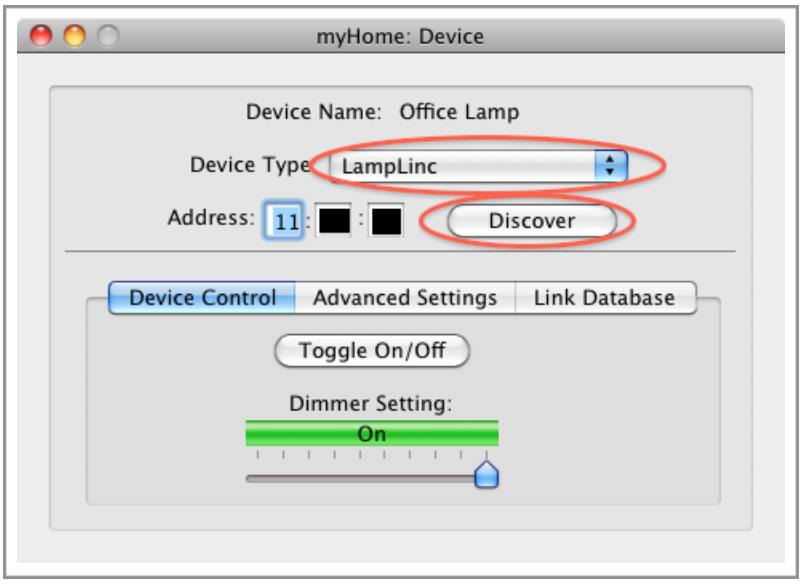
Now that we have configured the physical devices to communicate (Insteon Security), we need to setup the connection myHome™ software to work with this new device. Follow the steps in the introduction to this section to create a new device and name it something like "Office Lamp".

1. Double-Click on the LampLinc Row Entry to open the Device Setup/Test Window.

2. From the "Device Type:" drop-down menu, select the "LampLinc" type

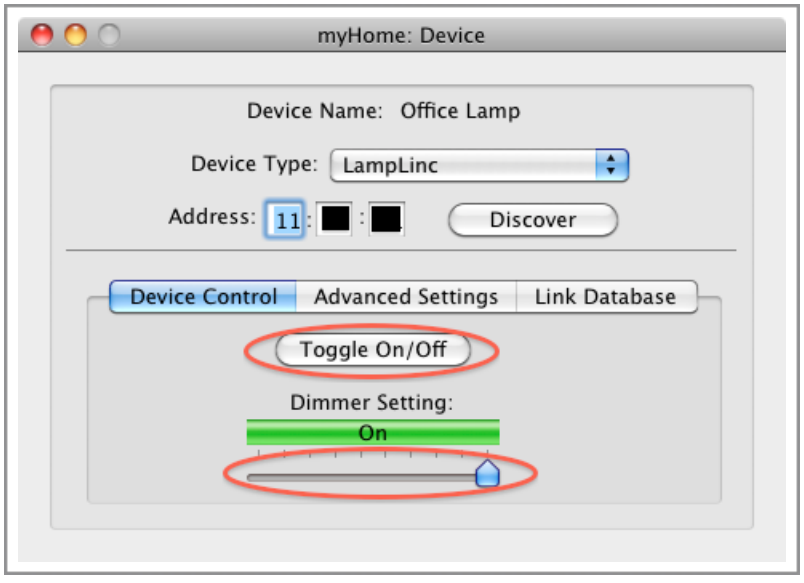
3. To verify that you can communicate to the device through your automation network, we will attempt to "discover" the device. Press the "Discover" button. This will put your PowerLinc Modem into a listening mode for new devices. You can verify this, by observing the flashing status light on the PowerLinc Modem.

4. Go to the LampLinc device, press and hold the set button until it beeps/flashes. This action should replace the "Address:" values from "00:00:00" to the actual device address.



2. Testing Device

You can test that the device was setup properly by pressing the Toggle Button To Turn On and Off the light that are plugged into the device. You can also use the Slider Bar to Adjust the Dimmer settings for the LampLinc device.



3. Advanced Settings

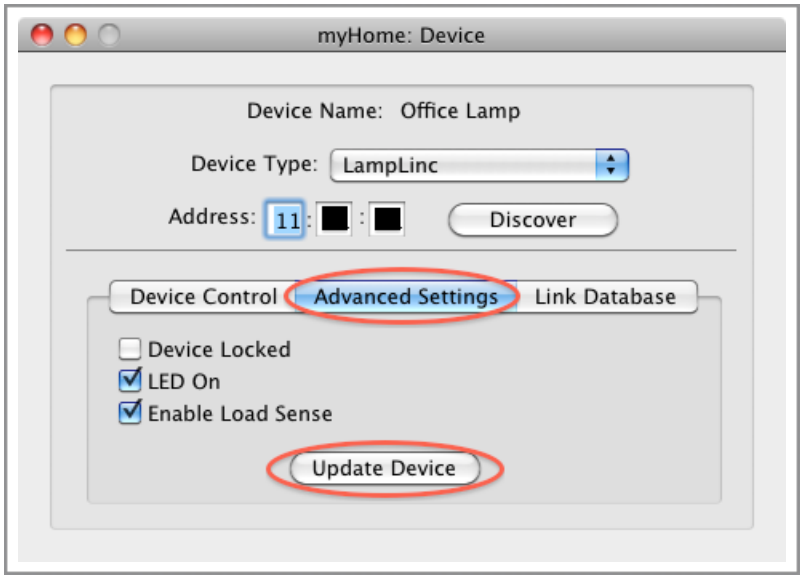
By selecting the "Advanced Settings" Tab, you will be able to change some standard settings on the device. You can view and change the options by selecting/unselecting the checkboxes and the pressing the "Update Device" tab.

The definition of the tabs are:

1. "Device Locked" -

2. "LED On" - The status LED light when checked (default) is On and flashes during communications. When unchecked the LED status light is turned off.

3. "Enable Load Sense" - When enabled, the LampLinc will send a message to myHome™ when the current draw on the LampLinc circuit changes (above/below the threshold). **NOTE:** This required to be set, if you wish to use the LampLinc as a Trigger Devices.



4. Device ALDB

By selecting the "Link Database" tab, you will be able to view the ALDB stored in the device. Once you have properly setup the LampLinc device, you can select the "Download Data" to download the Modem's Database to view. The database will be showed in the table on the left. This table has 3 columns: 1) Insteon Group #, 2) the link type (Controller or Responder), and 3) the device (NOTE: If the device has already been configured, the device name will be used. If the device is not know to myHome™, the Insteon device address will be shown.)

F. RemoteLinc

NOTE: The RemoteLinc device has a battery saving feature that shuts it down during non-use. Thus, during setup and testing, be cautious that if the RemoteLinc interaction with myHome™ doesn't seem to be acting correctly, you will need to push one of the RemoteLinc buttons to "wake" it up.

1. Basic Setup

Once you have the PowerLinc Modem setup, adding a new RemoteLinc device to the automation network can be setup using the following steps.

1. Press and hold the “Scene A” ON button on the keypad device until it beeps/flashes (must hold 10 seconds).

2. With the indicator light flashing, press and hold the set button on the PowerLinc Modem until it beeps/flashes.

3. Repeat Steps 1 and 2 for the “Scene B” through the “Scene F” Buttons.

4. This will complete the setup to allow the Keypad to notify the PowerLinc Modem when any keypad button is pressed on the device

Now that we have configured the physical devices to communicate (Insteon Security), we need to setup the connection myHome™ software to work with this new device. Follow the steps in the introduction to this section to create a new device and name it something like “LivingRoom RemoteLinc”.

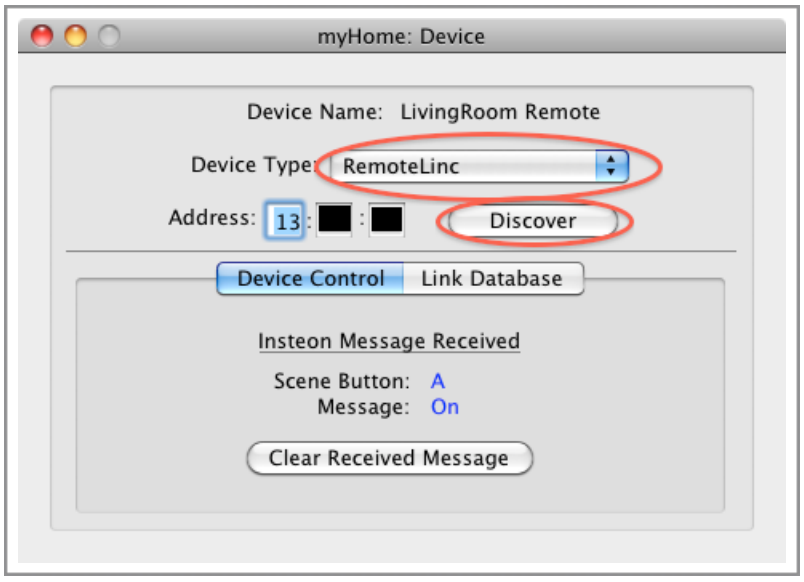
1. Double-Click on the RemoteLinc Row Entry to open the Device Setup/Test Window.

2. From the “Device Type:” drop-down menu, select the “RemoteLinc” type

3. Enter the RemoteLinc Address into the values.

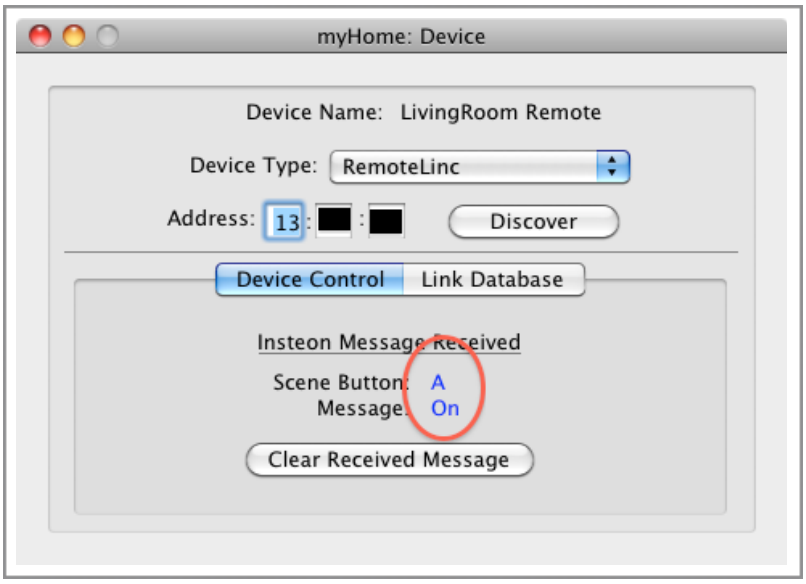
4. Close the window Setup window, and reopen the RemoteLinc setup window.

5. You should now be able to test the device.



2. Testing Device

You can test the RemoteLinc device by pressing the On/Off button on each scene and observe that the message is received in the Device Setup/Test Window



3. Device ALDB

By selecting the "Link Database" tab, you will be able to view the ALDB stored in the device. Once you have properly setup the SwitchLinc device, you can select the "Download Data" to download the Modem's Database to view. The database will be showed in the table on the left. This table has 3 columns: 1) Insteon Group #, 2) the link type (Controller or Responder), and 3) the device (NOTE: If the device has already been configured, the device name will be used. If the device is not know to myHome™, the Insteon device address will be shown.)

G. SwitchLinc

The SwitchLinc device can be used to trigger an Action Group along with the control of the connected light. The SwitchLinc can also be part of an Action Group that allows other devices to set the state of the Switch and in tern the connected light.

1. Basic Setup

Once you have the PowerLinc Modem setup, adding a new SwitchLinc device to the automation network can be setup using the following steps.

1. Press and hold the set button on the SwitchLinc device until it beeps/flashes.

2. With the SwitchLinc indicator light flashing, press and hold the set button on the PowerLinc Modem until it beeps/flashes.

3. This will complete the setup to allow the SwitchLinc to notify the PowerLinc Modem when there change in the circuit state, current dimmer level, etc..

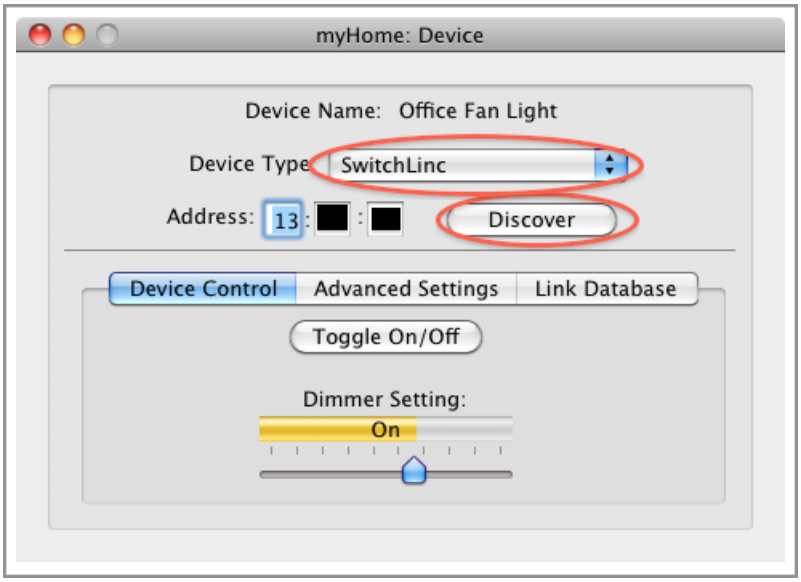
Now that we have configured the physical devices to communicate (Insteon Security), we need to setup the connection myHome™ software to work with this new device. Follow the steps in the introduction to this section to create a new device and name it something like "Office Fan Light".

1. Double-Click on the SwitchLinc Row Entry to open the Device Setup/Test Window.

2. From the "Device Type:" drop-down menu, select the "SwitchLinc" type

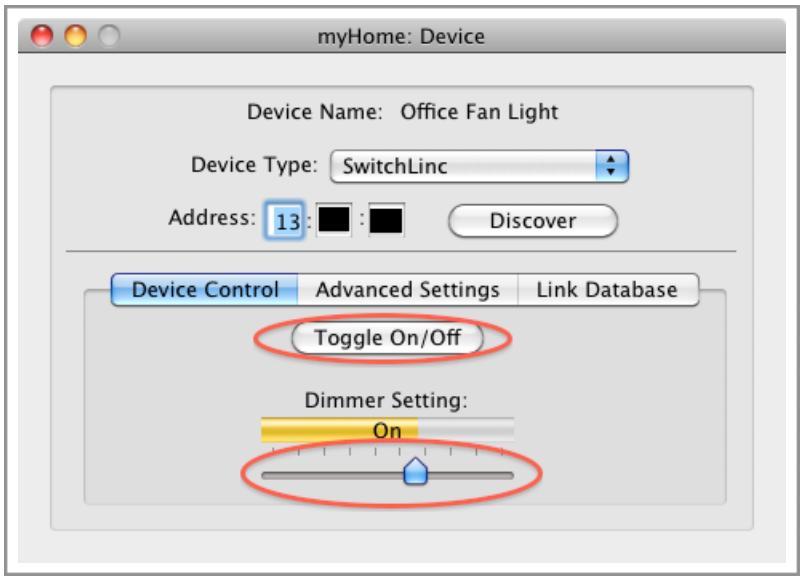
3. To verify that you can communicate to the device through your automation network, we will attempt to "discover" the device. Press the "Discover" button. This will put your PowerLinc Modem into a listening mode for new devices. You can verify this, by observing the flashing status light on the PowerLinc Modem.

4. Go to the SwitchLinc device, press and hold the set button until it beeps/flashes. This action should replace the "Address:" values from "00:00:00" to the actual device address.



2. Testing Device

You can test that the device was setup properly by pressing the Toggle Button To Turn On and Off the light that is wired into the device. You can also use the Slider Bar to Adjust the Dimmer settings for the SwitchLinc device. You can also turn on/off the device at the SwitchLinc and observe that myHome™ received the message.



3. Advanced Settings

No advanced settings for this device can be setup at this time using myHome™.

4. Device ALDB

By selecting the "Link Database" tab, you will be able to view the ALDB stored in the device. Once you have properly setup the SwitchLinc device, you can select the "Download Data" to download the Modem's Database to view. The database will be showed in the table on the left. This table has 3 columns: 1) Insteon Group #, 2) the link type (Controller or Responder), and 3) the device (NOTE: If the device has already been configured, the device name will be used. If the device is not know to myHome™, the Insteon device address will be shown.)

H. X10 Device

Generic X10 Devices can be added to the automation network. This provides a backwards compatibility with other devices, and provides some advantages and disadvantages compared with Insteon devices. To really take advantage of X10 devices software like myHome™ allows for the devices to be part of a complex scene that is not possible with the Hardware alone. However, it should be noted that the X10 protocol is less reliable on delivery of messages, and thus can produce a non-consistent results from use to use.

myHome™ has the ability to be a full range of X10 Devices. Thus, you can not only use myHome™ to communicate with physical devices, you can have myHome™ represent any House/Unit code. This can allow for myHome™ to be triggered by any X10 command, or send any X10 command to all possible House/Unit combinations.

1. Basic Setup

Follow the steps in the introduction to this section to create a new device and name it something like "Pool Light"

1. Double-Click on the X10 Device Row Entry to open the Device Setup/Test Window.

2. From the "Device Type:" drop-down menu, select the "X10 Device" type

3. Since X10 is a broadcast only (no replay) message format, enter the devices House and Unit Code desired from the physical/virtual device.

4. Test the device to verify that it receives and is able to send the appropriate code for the House/Unit combination

2. Testing Device

Sending and Receiving X10 messages is easy to test once you enter the House/Unit code. Simply press the “Send ‘On’ Command” or “Send ‘Off” Command” button to test the automation network.

You can also receive X10 messages on the right pane that are sent for other X10 devices.

I. AppleScript Action (Device)

As part of your myHome™ automation network, there could be times where you want to execute an Applescript as a "virtual" device. This can range from starting iTunes, to changing the song playing, or dial a phone number using Skype to "listen in" to your home while you are away, or use iChat to run the video on your machine to see what is happening.

As part of the myHome™ download, a set of example scripts have been included as a starting point to adding this capability to your home automation network.

1. Basic Setup

Follow the steps in the introduction to this section to create a new device and name it something like "Next Tune"

1. Double-Click on the Applescript Device Row Entry to open the Device Setup/Test Window.

2. From the "Device Type:" drop-down menu, select the "Applescript" type

3. Since this "virtual" device will execute this Applescript, you need to enter the path to the desired Applescript. You can do that by typing the path, or click on the "Load" button and then navigate using the open dialog box that will be presented to you.

4. Test the "virtual" device to verify that it executes correctly.

2. Testing Device

To test the Applescript, click on the "Test Script" button. If the script executes normally, your macintosh will respond correctly to the script. If there is an error during execution, you will receive an error message dialog box.


myHome: Device
Device Name: Play iTunes
Device Type: Applescript
Address: 00 : 00 : 00
Discover
Script Path: /Applescripts/Play iTunes.scpt
Search
Test Script

VI. Setting Up Action Groups

The concept of an action group is simply a group of devices that will be sent a command to produce the desired effect in your automation network. These action groups can be as simple as turning on/off a single device to a complex set of actions to perform (that can be different for each device). An example of this might be the Action Group "Set Theater Lighting". In this example, the lights in the kitchen and hallway can be turned off, the lights in the theater room can be dimmed, and the TV/Tuner/Surround Sound System can be turned on.

Once Action Groups have been created, they can be used with as many scenarios as desired so that the same effect can occur under a wide variety of situations. One example is the control of your "Pool Pump On" action. Here the action might be set on a set of timers to be turned on/off. However on a windy day, leaves and other debris could be blown into the pool, we can use the same "Pool Pump On" action with a KeypadLinc or RemoteLinc to give us the ability to "Manually" turn on the pump.

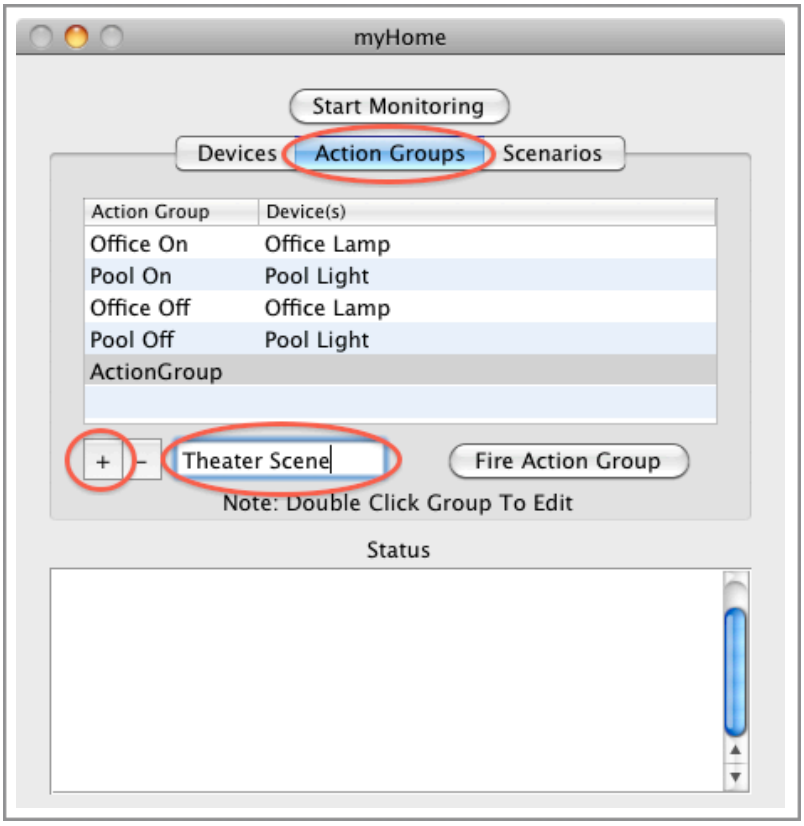
If you ever need to modify the Action Group (ie. added devices, removed devices, or changed the settings), the Action Group can be modified and all Scenarios of that Action Group will be modified automatically. The following sections will discuss in detail how to setup Action Groups with the various Insteon and X10 Devices, and test the Action Groups to verify they will give the desired effect.

A. Creating An Action Group

The setup of action groups can be done by following these few steps.

1. From the Action Groups Tab in the Main myHome™ window, click on the "+" button to create a new action group.

2. Replace the default "ActionGroup" name with a name that means something to the type of action you want to perform. (ie. "Turn On Backyard Lights", "Theater Scene", etc.)



3. Double click on your new Action Group to open the Action Group Editor.

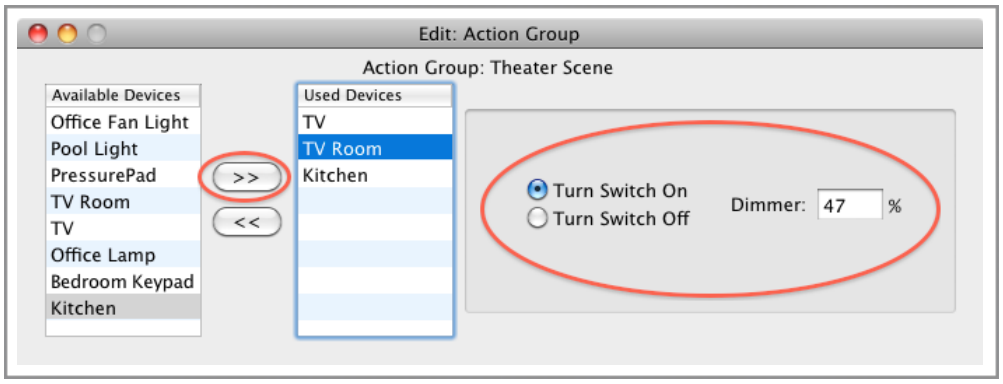
4. In the left pane, under “Available Devices” you will see a list of all of your devices that can be controlled (you can add any device to as many scenes as you like).

5. Select the first device and click the “>>” to add the device to the “Used Devices” pane.

6. Click on the “Used Device”, and set the parameters you would like for the device state in that Action Group.

7. Repeat Steps 5 & 6 for all the devices you would desire.

8. When done close the Edit Window.



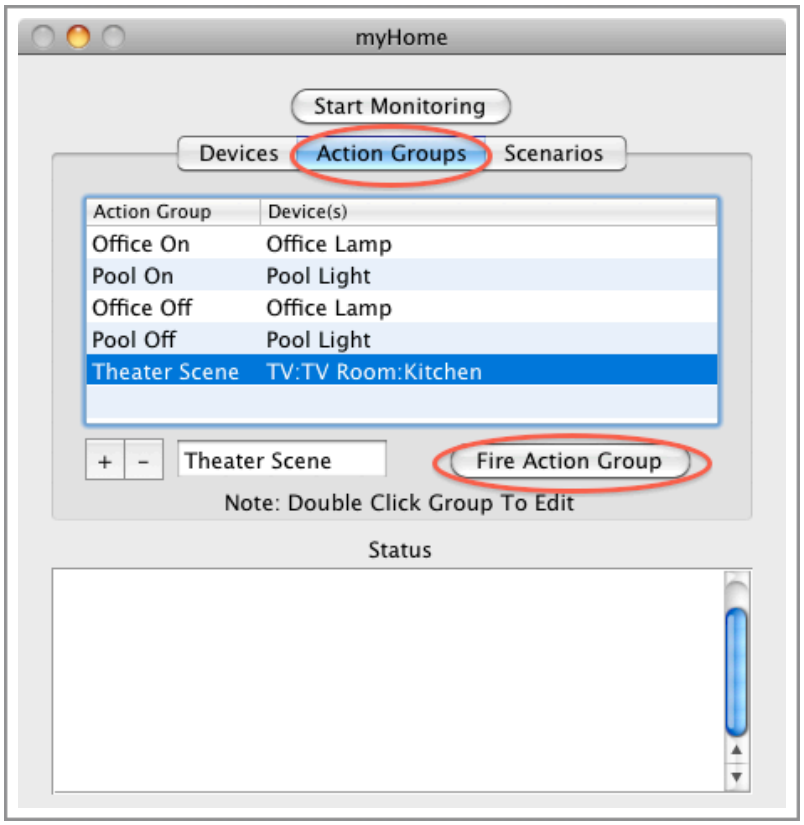
B. Testing The Action Group

The testing of the action group can be done by following the few steps:

1. From the Action Groups Tab, Select the desired Action Group To Test

2. Click on the “Fire Action Group” button.

3. If the desired result is not observe, double click the Action Group Row and check the settings for the devices that did not perform as desired.


myHome
Start Monitoring
Devices
Action Groups
Scenarios
Action Group
Device(s)
Office On
Office Lamp
Pool On
Pool Light
Office Off
Office Lamp
Pool Off
Pool Light
Theater Scene
TV:TV Room:Kitchen
+
-
Theater Scene
Fire Action Group
Note: Double Click Group To Edit
Status

VII. Setting Up Scenarios

The concept of a scenario is simply some Trigger that gets activated. When this trigger is activated 1 or more Action Groups can be activated to respond to this trigger. There is one trigger for each scenario, however, there can be any number of Action Groups added to the scenario, or you can be notified by email/text message. A trigger can be the receipt of an Insteon or X10 message, a Time/Date event, an Event in Your iCal, or through the web interface.

The sections below will discuss in detail how to setup Scenarios using different trigger types and adding Action Groups to the Scenario(s).

A. Using Devices As Triggers

A device that can report a state change can be used as a trigger of your scenarios. myHome™ will watch for these state changes in the devices that you have setup and when that state occurs, the associated Action Groups will be fired. To setup a Scenario to use a Device as a trigger, follow the steps below:

1. Click on the “Scenarios” tab in the myHome™ main window.

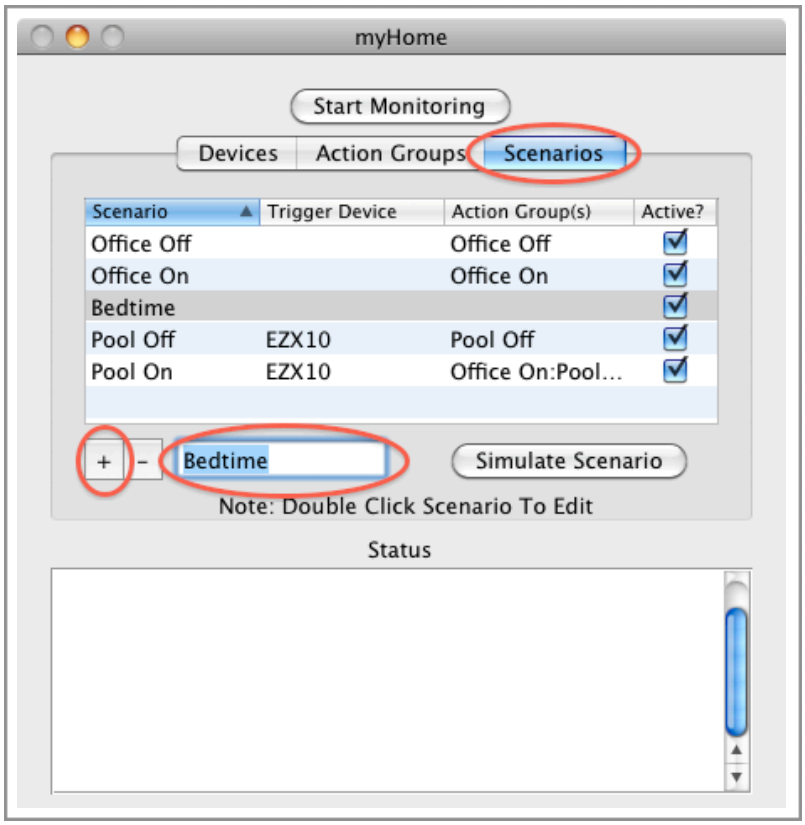
2. Click on the “+” button to add a new Scenario.

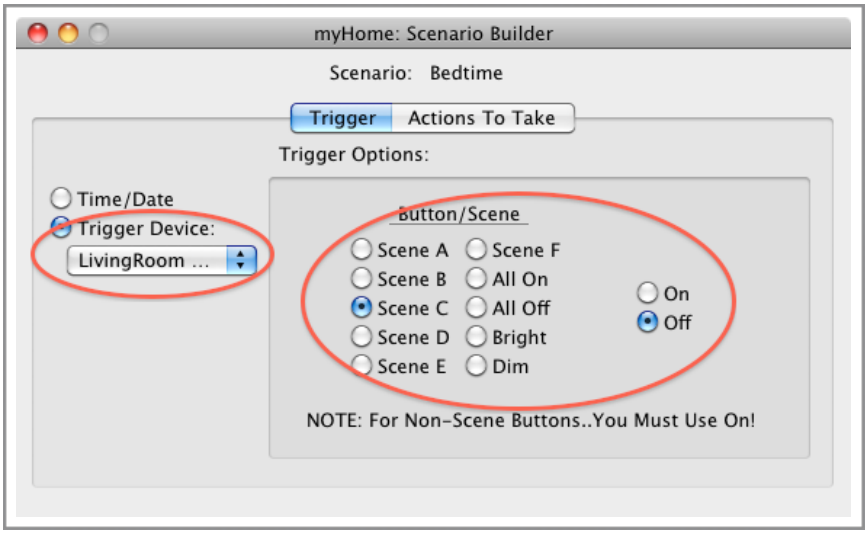
3. Give it a name that describes your desired effect (ie. “Theater Night”, “Bedtime Shutdown”, etc.).

4. Double click on the newly created Scenario to open the Scenario Edit Window.

5. From the Trigger Device Pulldown, select the device that will be used for this scene.

6. From the “Trigger Options” area, set the appropriate state information for myHome™ to watch for as the trigger.





The following sections review the various devices that can be used as a trigger and the options that can be used with those devices.

1. EZX10RF Trigger

The EZX10RF device allows for you to receive X10 RF messages as triggers for your scenarios. One really nice feature is the ability of the EZX10RF to convert those X10 RF messages into normal Insteon messages. This feature allows for a more robust and reliable use of your home automation network. As Insteon messages, the messages can be forwarded across your network, retransmitted if not received, etc. Thus, it is suggest that you setup the EZX10RF device to send Insteon Messages when X10 RF messages are received (see the EZX10RF device setup section above on how to do this).

a) Use Insteon Messages

By Selecting the EZX10 Device that you setup to broadcast Insteon messages, you have the ability to trigger your scenarios using either an "On" or "Off" message for the Insteon Group that you setup. This can be accomplished using the following steps:

1. Select the Radio Button for the Type Of Insteon Message you want to use as the trigger.

2. Enter The Insteon Group that was configured during the setup and testing of the EZX10RF device (see Instructions above).

3. Enter the delay that you would like to have between the receipt of the Insteon Message and when the Scenario is executed.

b) Use X10 Messages

While it is recommended to use the EZX10RF Device to send Insteon Broadcast messages, you can still use this device to use "Raw" X10 messages to control your scenario. For this, just setup a "Dummy" X10 Device for the House/Unit code you would like to use, and follow the steps below ("X10 Device Trigger").

2. I/OLinc Trigger

The I/OLinc Device can use the Sensor Input to trigger and monitor a wide varity of devices. The versatility of this device allows for a very wide range of uses, from monitoring a garage door, window, water levels, etc. Some examples of how this device can be used cover a range of options:

1. Trigger a scenario with the front door opens (Trigger on state, no delay)

2. The garage door was opened but it is still not closed after X minutes (Trigger on state, X Minute Delay)

3. The Window should be closed between 8:00pm and 6:00am (Monitor Circuit, no delay)

4. The Bathroom light should be off at night, but it might need to be used (Monitor Circuit, X Minute delay)

These are just a few examples to the type of things you can do with the I/OLinc and myHome™. More complex scenarios can be combine, but just setting up different scenarios using the same I/OLinc. For example, the garage door normally is used during the day and you want to be notified if left open for more than X minutes (Example 3). However, at night you want to be notified right away if the Garage Door is open (Example 1)

The instructions below will help walk through the steps to setup the different uses.

a) Trigger On State

To setup a trigger on state:

1. Select the "Trigger On State" Check Box

2. Select the Radio button that will be used to trigger the scenario (the circuit is Open or the circuit is Closed)

3. If desired, select the delay of when to trigger the scenario IF the circuit is still in this state after the delay period.

b) Monitor Circuit

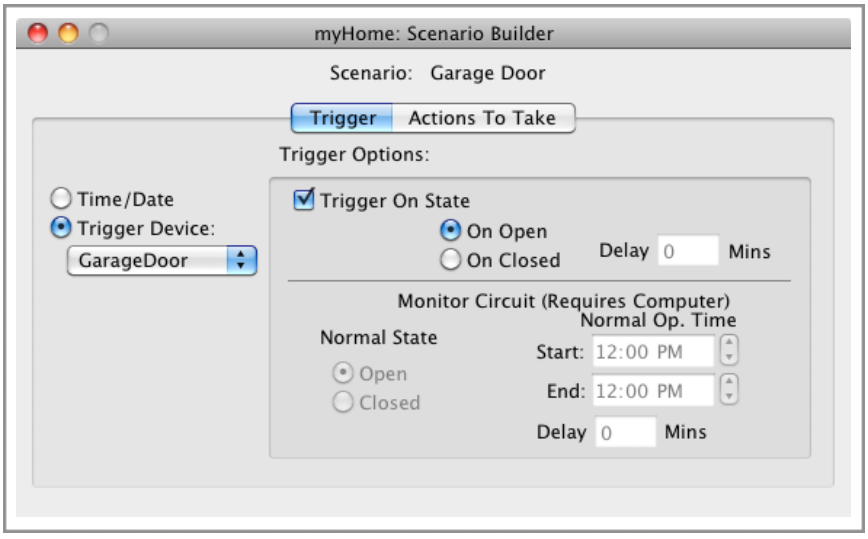
To setup a Monitored Circuit:

1. Make sure the "Trigger On State" Check Box is NOT Set.

2. Select the "Normal State" of the circuit (ie. if the window is supposed to be closed, the select "Closed")

3. Select the start and stop time of when to monitor the circuit

4. If desired, select the delay of when to trigger the scenario IF the circuit is still in this state after the delay period.



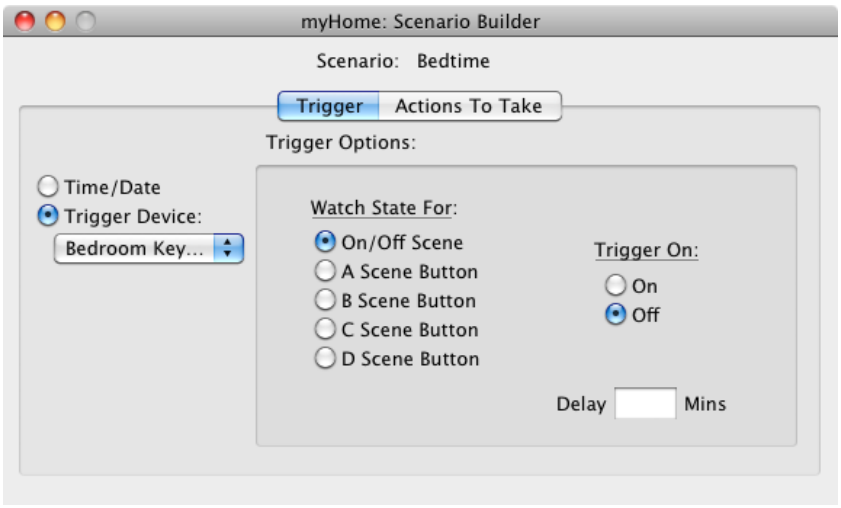
5. KeypadLinc Trigger

The KeypadLinc can be used to Trigger a number of different scenarios based upon which Scene Button you would like to use along with the State you would like to trigger. This can be accomplished using the following steps:

1. Select the Radio Button for the Scene Button you want to use as the trigger.

2. Select the Radio Button to Trigger off an "On" or "Off" message.

3. Enter the delay that you would like to have between the receipt of the Insteon Message and when the Scenario is executed.



6. LampLinc Trigger

You can even use the LampLinc to trigger your scenarios. This, can be done with you setup the LampLinc to send a message with the current draw on the power outlet exceeds a threshold. This can be setup by using the LampLinc Advanced Settings (See the Section on setting up the LampLinc Device).

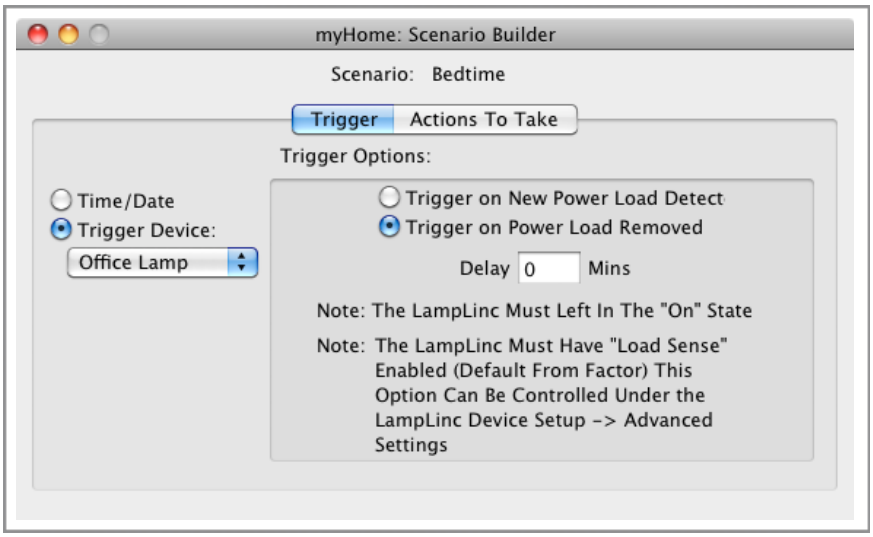
NOTE: This advanced option must be set for the LampLinc to be used as a trigger for your scenario.

NOTE: The LampLinc Device must be left in the "On" state. (If you can turn on the light, you will never detect a power change…)

To setup the LampLinc as a trigger, follow these simple steps:

1. Select the Radio Button to Trigger based on if a load is detected (the device that is plugged into the LampLinc is turned on), or the load is removed (the device that is plugged inot the LampLinc is turned off)

2. Enter the delay that you would like to have between the receipt of the Insteon Message and when the Scenario is executed.



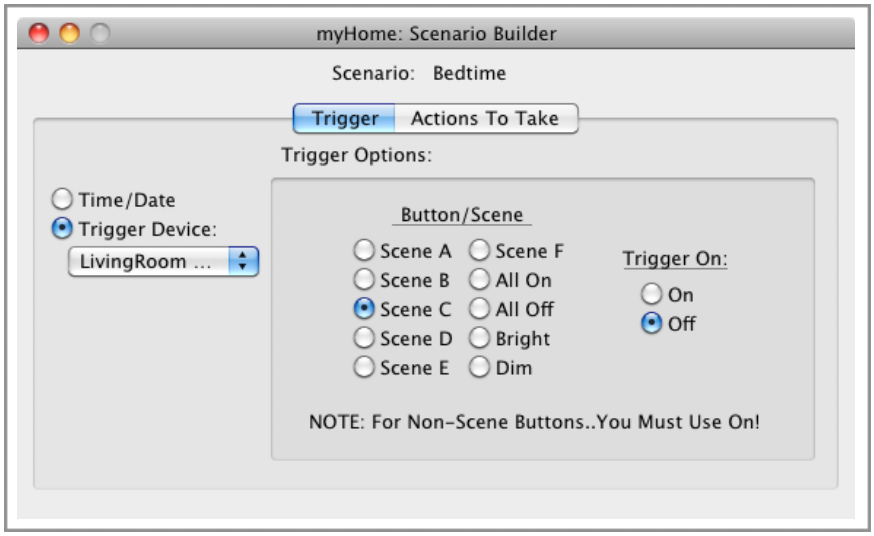
7. RemoteLinc Trigger

The RemoteLinc can be used to Trigger a number of different scenarios based upon which Scene Button you would like to use along with the State you would like to trigger. This can be accomplished using the following steps:

1. Select the Radio Button for the Scene Button you want to use as the trigger.

2. Select the Radio Button to Trigger off an “On” or “Off” message.

3. Enter the delay that you would like to have between the receipt of the Insteon Message and when the Scenario is executed.

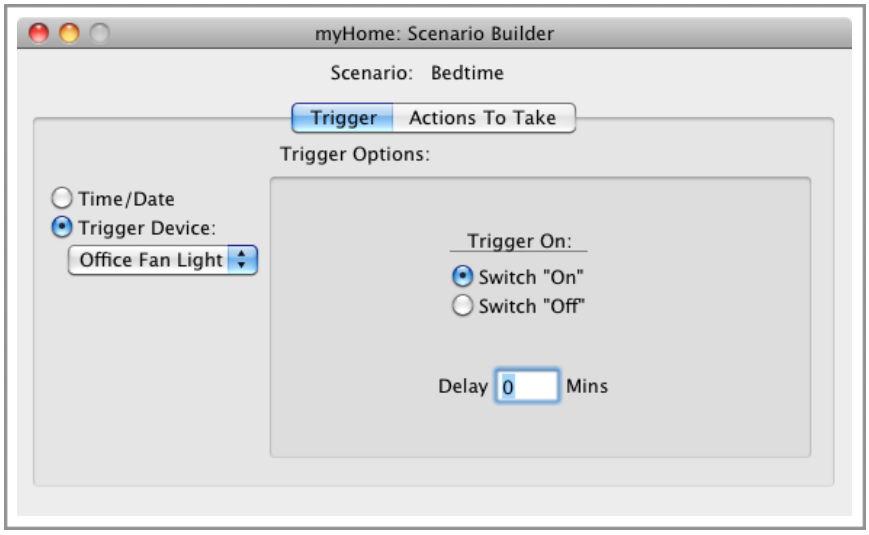


8. SwitchLinc Trigger

The SwitchLinc can be used to Trigger a scenario based upon turning On/Off the device. This can be accomplished using the following steps:

1. Select the Radio Button to Trigger off an “On” or “Off” message.

2. Enter the delay that you would like to have between the receipt of the Insteon Message and when the Scenario is executed.



9. X10 Device Trigger

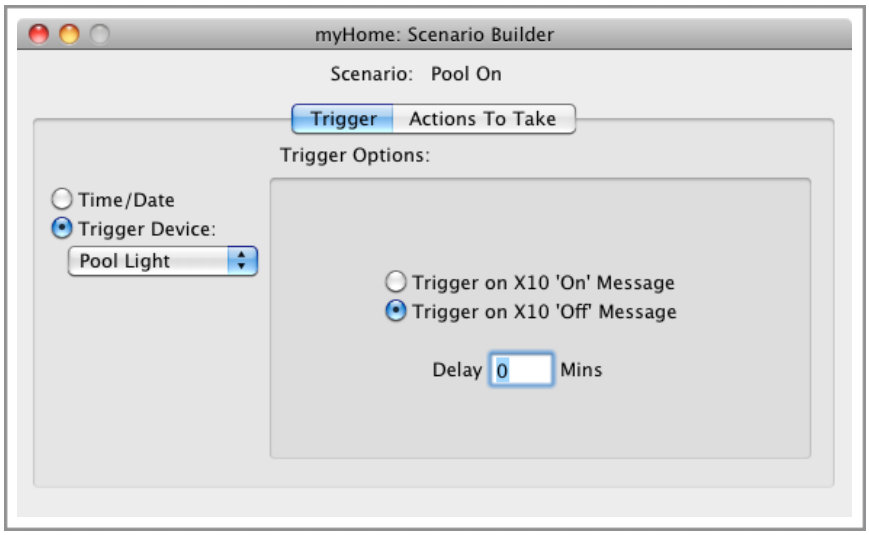
Any X10 device that you have setup with a House/Unit code, can be used as a trigger, when a messages is heard that has that House/Unit code. The device can be a real device or a virtual device that you have setup for this purpose. The message can be sent from a number of devices ranging from X10 Transceivers all the way through the EZX10RF Insteon device.

You can even piggyback off of other physical devices. For example, a lamp module that has a House/Unit code. If you use this lamp module as the Trigger Device, anytime a X10 message with that House/Unit code is received by myHome™, it will be used as a Trigger for your scenario.

To setup the X10 (Real or Virtual) Device as a trigger, follow these simple steps:

1. Select the Radio Button to Trigger based on if a X10 “On” or “Off” message is received

2. Enter the delay that you would like to have between the receipt of the X10 Message and when the Scenario is executed.



B. Using Time/Date Triggers

While using Insteon and X10 devices to activate a scenario gives you a lot of flexibility in your automation network, sometimes there are actions that you would like to have on a regular basis. This can be things that you would like to occur on a daily basis like turning on a security light at sundown, and turn off the light at sun up. Other times it can be a little more complicated like watering the lawn on even days, or certain actions only on certain days of the week.

The idea is to setup the scenarios and just forget about them. myHome™ has the ability to setup days and times as triggers. To use Time/Date triggers follow the following steps:

1. Click on the "Scenarios" tab in the myHome™ main window.

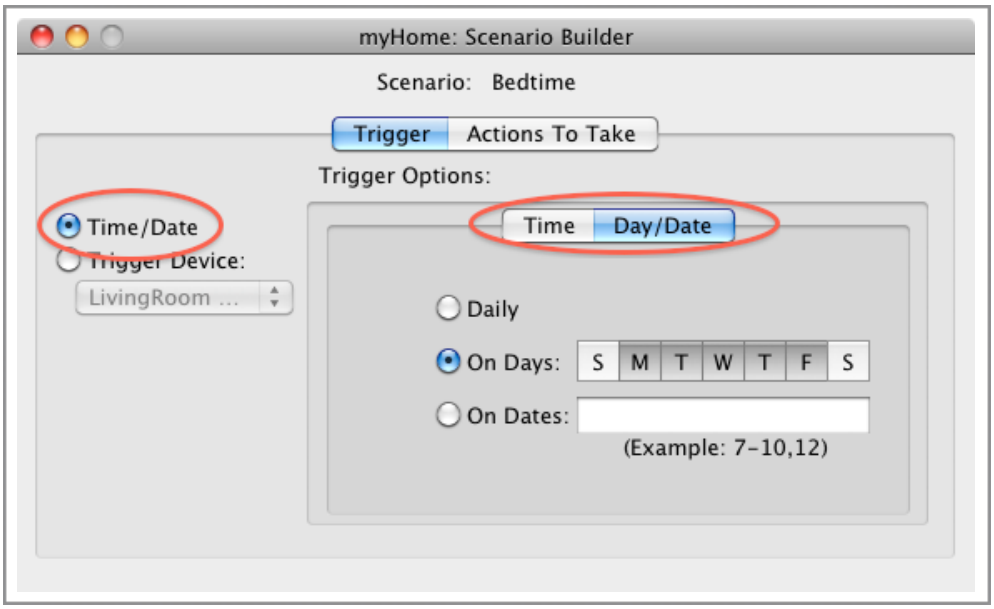
2. Click on the "+" button to add a new Scenario.

3. Give it a name that describes your desired effect (ie. "Theater Night", "Bedtime Shutdown", etc.).

4. Double click on the newly created Scenario to open the Scenario Edit Window.

5. Select the "Time/Date" Radio Button.

6. Under the "Time" and "Day/Date" tabs, selected the desired settings for you scenario. These options are explained in further detail below.



1. Time Options

   a) Trigger at Sunrise

      Based upon your Latitude/Longitude you entered in the Preferences, myHome™ will calculate the time of day throughout the year when the sun will rise. This time will vary throughout the year.

   b) Trigger At Sunset

      Based upon your Latitude/Longitude you entered in the Preferences, myHome™ will calculate the time of day throughout the year when the sun will set. This time will vary throughout the year.

   c) Trigger At Time

      If you want a fixed time to trigger the scenario, select the Radio Button for "Trigger At Time" and enter the desired time

   d) Random Delay

      By entering a non "0" value in this field allows for a random effect to occur on when the scenario will trigger. For Example: Entering "15" in this field will result in the scenario being triggered from 0 minutes - 15 minutes after the trigger time in a random manor.

2. Date

   a) Daily

      The the trigger is to occur daily at the specified time, select this radio button.

   b) On Days

      If the trigger is only to occur on certain days of the week, select the "On Days" radio button, and select the days that you want to trigger the scenario.

c) On Monthly Days

If there are certain days that you need to run the scenario during the month, select the radio button "On Dates" and enter the calendar dates in the field.

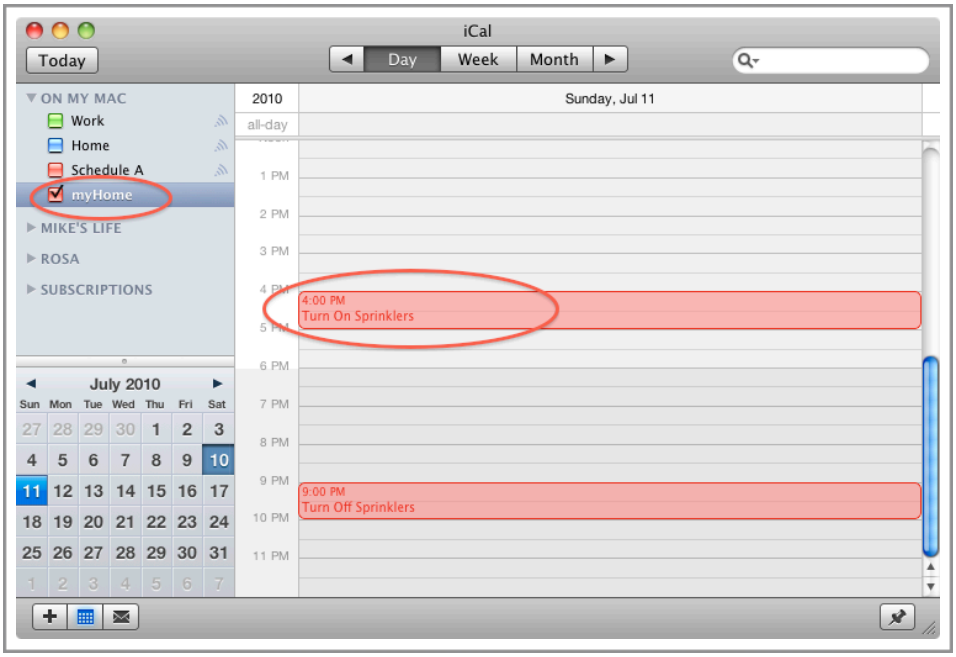
Example 1: Want to run on the 1st and 15th, then enter "1,15" (without the quotes) in the field.

Example 2: Want to run on the 1st, the 15th through 20th, and the 25th, then enter "1,15-20,25" (without the quotes) in the field.

C. Using iCal

There are times that you might want to use iCal to provide the triggers for myHome™. This is simple to setup and use. For detailed instructions and troubleshooting of iCal, see the Apple provided resources. myHome™, will automatically monitor iCal for all scheduled events in the calendar named "myHome". By creating iCal events on the days/times that are named for the "Action Groups" you want to execute, when the "start time" is reached on that given day, that Action Group will be executed.

For example, if you would like to the Action Group "Turn On Sprinklers" to be executed on Monday the 14th at 4:00pm, create an event on that day/time and for name it "Turn On Sprinklers"...myHome™ will do the rest.



D. Performing Actions

With a wide variety of ways to trigger your scenarios, we need to let myHome™ know what you would like to happen for these triggers. When a trigger is fired, you have two options of what you would like to happen. The first is to execute 1 or more action groups. The other is to send you an email notification that the trigger occurred. The following 2 sections discuss how to setup myHome™ to respond in these ways.

1. Adding Action Groups

In a scenario, you can have the trigger perform 1 or more action groups. This may be, turn off the kitchen lights and turn on the family room lights. There is no limit to the number of scenarios that can use the same action group. To add a action group to a scenario:

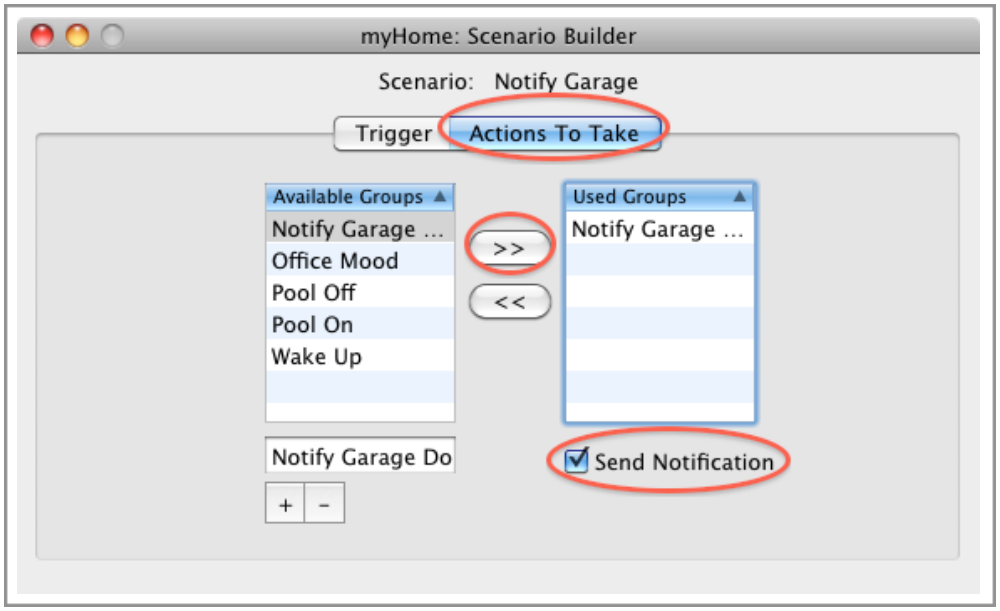
1. If the scenario builder window is not open, click on the scenario in the main window to open the scenario builder window.

2. Click on the "Actions To Take Tab"

3. From the "Available Groups" list select he Action Group and click on the ">>" button to add the Group to the "Used Groups" list

4. Repeat if desired for any other Action Groups you would like to add.

5. If you would like to also be notified of this event by email (see Mail Interface Setup in the Preferences), check the "Send Notification" Box.



VIII.Monitoring

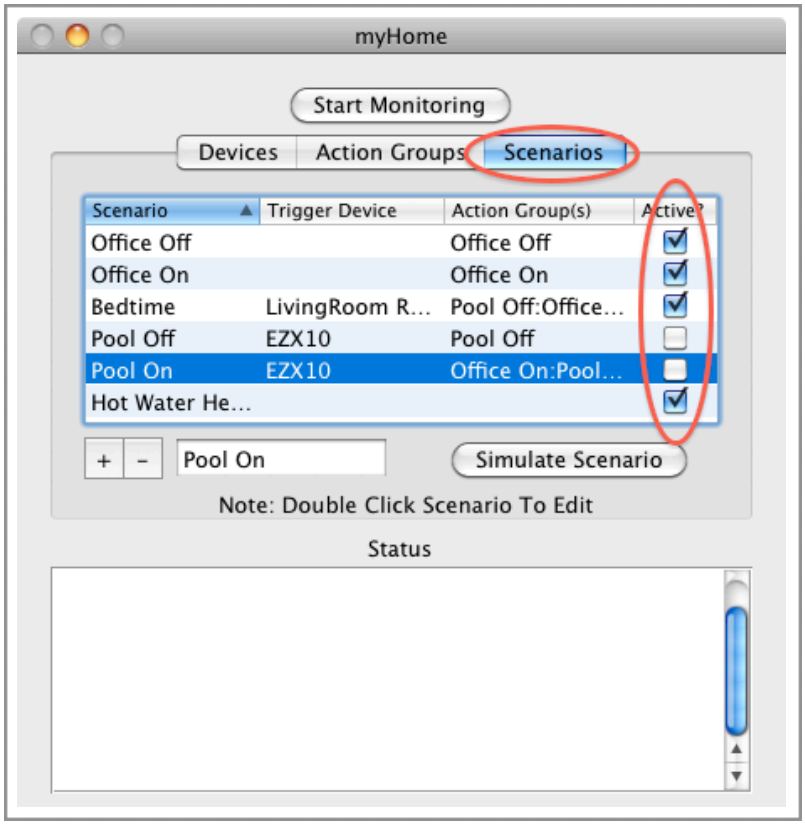
Now that you have setup myHome™ with the list of devices you want to interact with through myHome™, created your Action Groups, and setup your Scenarios. myHome™ is ready to assist you in monitoring your automation network. In these section we will discuss how to activate/deactivate scenarios that you would like myHome™ to monitor, turning on and off monitoring, the log information that will be presented in the Status Window, and how to work with the web interface to monitor and control your network remotely.

A. Activate/Deactivate Scenarios

myHome™ allows you to create scenarios that you might want to keep as part of you setup, but not actively monitor. An example of this could be setting up lighting scenarios for your home while you are on vacation. While you would like to use this scenario on occasion, you don't want to delete it and recreate every time you are out. Thus, myHome™ allows you to select which scenarios you want to monitor. By default when you create a new scenario it is assumed you would like the scenario to be active during monitoring. If you would like to enable/disable a scenario, follow these simple steps:

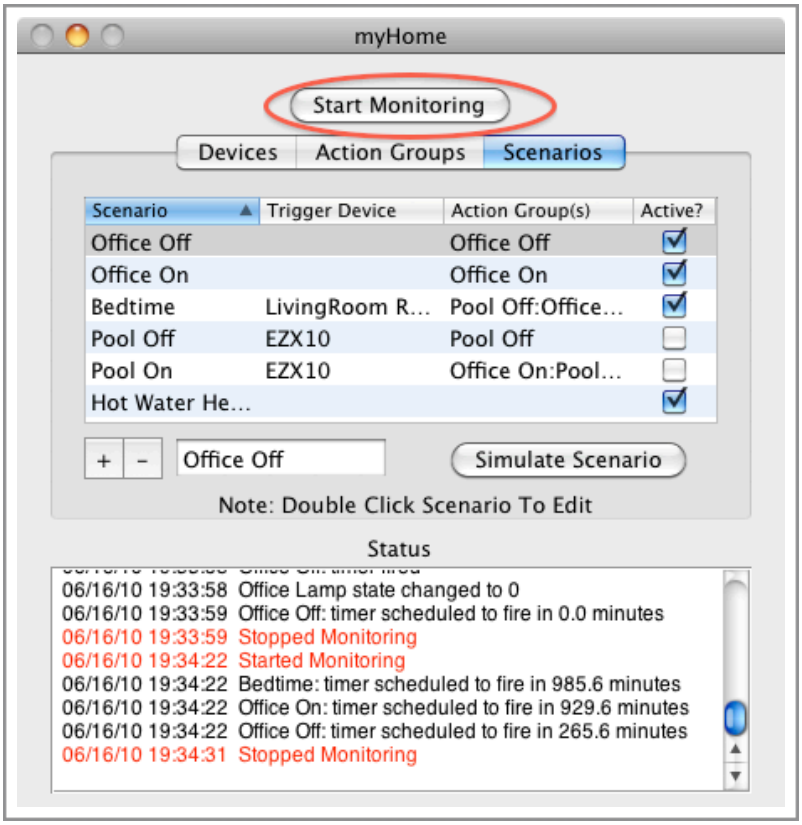
1. In the main myHome™ window, select the Scenarios Tab

2. For each scenario click on the activate checkbox to activate/deactivate the scenario

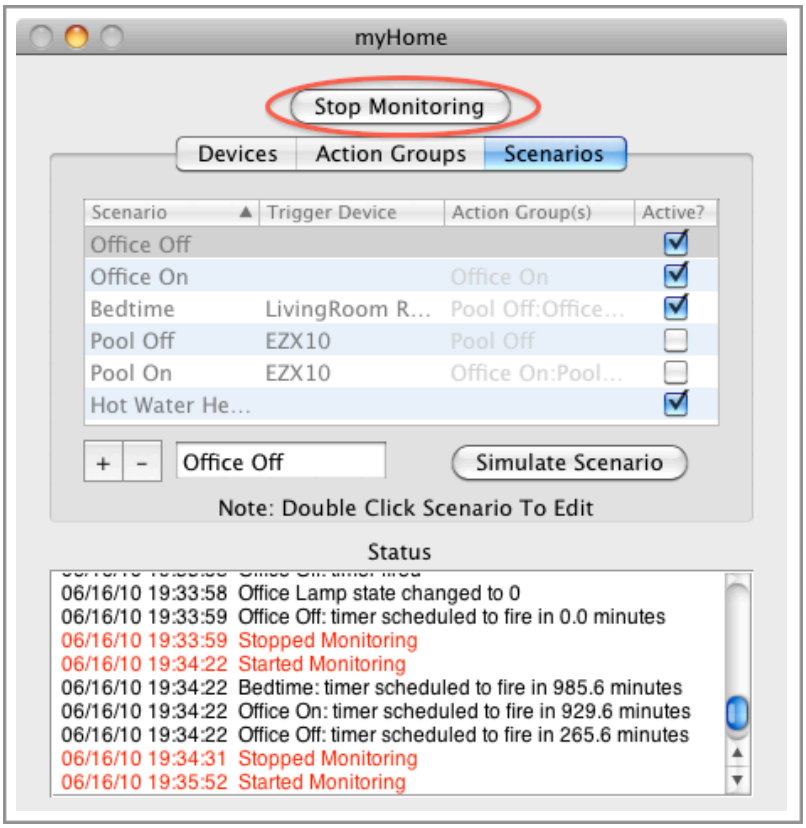


B. Enable/Disable Monitoring

To start monitoring of your automation network, click on the “Start Monitoring” button. The “Start Monitoring” button will change to “Stop Monitoring” button. From here you will notice that you will received a timestamped message under the status window. When this occurs you will be able to view the Device, Action Groups, and Scenarios windows, but will not be able to edit the values.



To stop monitoring of your automation network, click on the “Stop Monitoring” button on the main window.

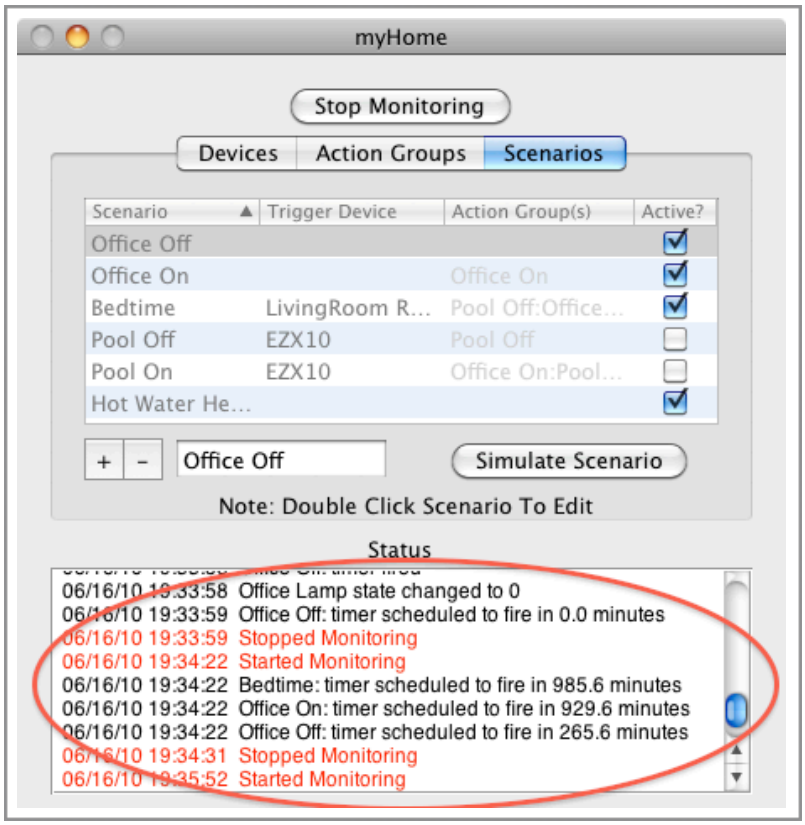


C. Status Window

The status window in myHome™ displays information about the automation network. The format of the messages that are displayed in this window is:

Date Time Event Information

The information that is displays information about when Monitoring is started/stopped, Timer schedules, when triggers are detected, and the actions that are taken.



D. Web Interface

By setting up the webserver information under the Preferences window, you will be able to check the status and control the devices in your automation network from any modern web browser. Thus, from you iPhone, you can check the status of your garage door, turn on the lights to your home as you approach the driveway, etc. The following sections describe how to monitor the status and control the devices. While the web pages (by default) use a simple layout to present the data on small browsers (like your iPhone), you can customize the presentation of the data (for those that understand CSS and HTML).

1. Testing

To test myHome™ through the web interface on your local machine, enter :

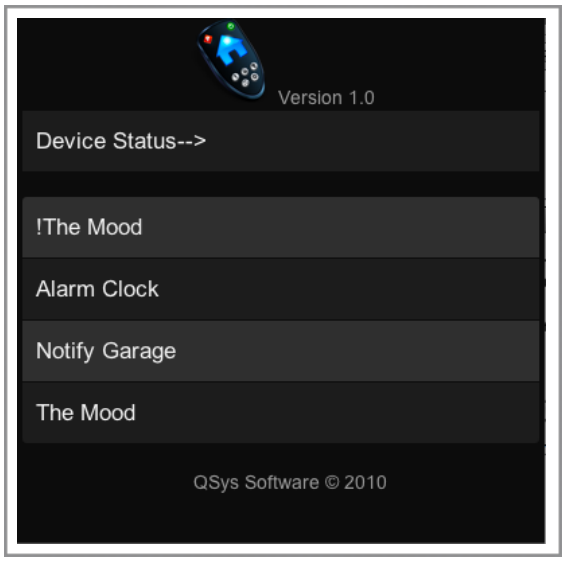
https://localhost:9999/index.html

Where 9999 is replaced with the port number you setup in your myHome™ Preferences. You will be prompted for your username/password. Enter the username/password you created in your myHome™ Preferences. From there you should be able to see the "Scenario Page". If you have made it this far, you are ready to monitor and control your automation network.

Note: myHome™ stores your encryption keys and user password in your accounts KeyChain. The first time you connection to myHome™ using the web interface, you will be presented with OSX security dialog box, asking if you want myHome™ to have access to this information. UNTIL you allow it, you will not be able to continue. Thus, click the

2. Scenario Page

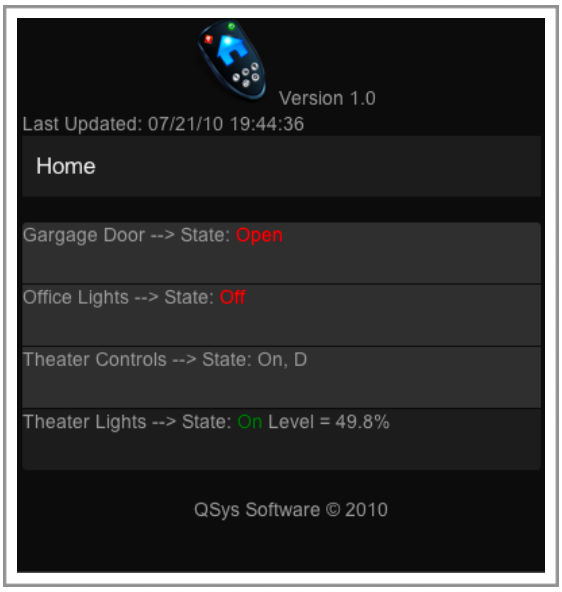
On this main page, you will see all of the scenarios that you have created. By clicking on any of the scenarios, you will cause that scenario to be executed. When this occurs, you will receive a quick conformation and after a few seconds you will be returned to the Scenario Page.



3. Device Status

From the top of the Scenario Page, there is a link to the Device Status page, click on it and it will take you to the Device Status Page.

From this page, you can observe the status of all the devices in your automation network.



4. Advanced Customization

NOTE and **WARNING**: While instructions are given on how to customize the web pages for myHome™, use care and backups, as you might break the application functionality.

The web pages are controlled by templates that ship with myHome™ or downloaded from the web. There are 3 key files: template.html, device_template.html and DefaultTemplate.css. These files are located in the Application's Resource Folder:

1. To access these files, Control-Click on the myHome™ Application Icon in the finder.

2. From the Pop-Up menu select the "Show Package Content". This will open a new finder window that contains a folder called "Contents"

3. Navigate to Contents->Resources->Web

4. Edit the files appropriately. To see your results return to the myHome™ Running Application and "Save" you work. This will recreate the index.html and the device_status.html pages.

5. Edit until happy.

IX. FAQ

Q) My devices are not seen by myHome™

A) There are a few items to try:

1. Restart myHome™ to reset the connections

2. Verify that the first device you have setup is your PowerLinc Modem (without this device you are not able to connect your Computer to your home automation network

Q) I have modified the Web Interface Templates, can I submit them for others to use?

A) Yes. Please send them to us at support@qsyssoft.com. We will review them at add them to a user contribution section on our website at http://www.qsyssoft.com Please note, for acceptance, you will need to maintain the myHome™ Logos at the top of the pages, along with the copyright notices at the bottom of the pages in a reasonable size/color/font. Also, include your name to display on the website for your template, plus contact information (if you desire to be contacted).

Q) The web interface is nice, but do you have other templates?

A) Check our website at http://www.qsyssoft.com As users submit new templates, they will be posted for download.

Q) I like the Applescript Examples, but I have some really cool ones myself, can I submit them for others to use?

A) Yes. Please send them to us at support@qsyssoft.com. We will review them at add them to a user contribution section on our website at http://www.qsyssoft.com

Q) I am not good at Applescript but would like to link in XXX, are there other Applescripts that you know of?

A) Check our website at http://www.qsyssoft.com As users submit new scripts, they will be posted for download.

Q) myHome™ appears to not support my device, what can I do?

A) Send us at email at support@qsyssoft.com Our goal is to continue to expand the functionality of myHome™. Based upon the responses we receive, we will add devices as fast as possible. One thing you can always try is to use a device that might be close to the functionality. Many of the basic commands are shared across a large number of devices.

Q) I can see the web interface when I am on the same machine, but it doesn't work when I am away from home.

A) Most home computers are behind NAT routers and firewalls. First make sure that the firewall on your macintosh will allow the port you are running the myHome™ webserver to connect from other computers. Next check your Router software on how to route data from the outside to your computer running myHome™ for that port. Also, make sure that your Internet Service Provider is not blocking that port. Once those have all been checked, make sure you are using the IP address provided to you by your Internet Service Provider and not the local IP address for your computer (ie. you will never see 192.168.x.x or 10.10.x.x type address on the internet)

Q) Where is my web server username/password stored?

A) To provide protection, this information is added to your Apple Keychain. Thus, the first time you run myHome™, you will be asked by the computer if it can access your Keychain for this information. You will want to always to allow this.

Q) OK, I followed the instructions for the webserver, but my devices or scenarios are not showing up.

A) In the myHome™ Application, Select "Save" from the "File" Menu (or Command-S). Every time you save myHome™ the webpages are updated with changes you have made to your myHome™ devices and Scenarios

Q) I am still having problems, what can I do?

A) Feel free to contact us at support@qsyssoft.com with your questions.