



HCA Tech Note 222

Insteon Multi-Add

If you have an existing Insteon installation and would like to work with HCA, the first task is identifying your devices to HCA. Unfortunately, Insteon devices don't store identifying information in them - a room and device name for example. While it is theoretically possible to follow links from device to device and so capture the existence of each device, you wouldn't know the identity of these devices as all you would have is their Insteon addresses.

To make the process of identifying your devices to HCA quicker than adding them one at a time, HCA has the *Insteon Multi-Add tool*. This is opened from the *Protocols* ribbon category, *Insteon* panel.

When first opened, the tool appears as:

The Insteon Multi-Add tool lets you add a number of already installed Insteon devices to your design.

Step 1: First press the "Start" button and then go to the first Insteon device you want to add and place it in linking mode. As soon as the device enters linking mode, the address of the device is captured. Then move to the next device and repeat the process. You can add up to 32 devices during this step. Not all wireless devices work with this tool.

You should take notes on the order of the devices you went to so when you return to the computer you can name them and assign to rooms or folders.

Start

| | Address | Model - Product | Version | Room Name | Device | |
|---|----------------------|----------------------|----------------------|----------------------|----------------------|---------------------------------|
| 1 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="checkbox"/> Ignore |
| 2 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="checkbox"/> Ignore |
| 3 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="checkbox"/> Ignore |
| 4 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="checkbox"/> Ignore |

Step 2: Press the Get Types button to query each device for its version and type. If some remain type as unknown, try the Get Types a second time. **Get Types**

Step 3: Replace the default device and room names with more descriptive ones. Select the type for any device listed as Unknown.
If there was a problem with the discovery process - always a possibility - you can check the ignore box and an HCA device is not created for it.

Step 4: Press OK to create the HCA devices. Once created you may want to open their properties and change the icon and other HCA settings.

OK **Cancel**

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As the instructions say, press the *Start* button and it shows when it is ready for you.

Waiting for Linking report... Press Stop when you have added all your devices

Now go around your home and depress the “Set” button on each device. The newer Insteon devices “beep” when they have sent their information and it was received by the PowerLinc. Older devices don’t beep some do flash their LED.

Tip: Don’t try to do all at once. Do one or two rooms at a time and keep track of the order you do them in. Keep notes!

When you return to HCA, the tool shows the devices captured. Press *Stop* to complete this step.

Insteon Multi-Add ✕

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You should take notes on the order of the devices you went to so when you return to the computer you can name them and assign to rooms or folders.

| | Address | Model - Product | Version | Room Name | Device | |
|---|----------|-----------------|---------|-------------|-----------------|---------------------------------|
| 1 | 1B.34.DE | Unknown | 1 | New Devices | Device 1B.34.DE | <input type="checkbox"/> Ignore |
| 2 | 2A.0B.42 | Unknown | 1 | New Devices | Device 2A.0B.42 | <input type="checkbox"/> Ignore |
| 3 | 29.4C.2A | Unknown | 1 | New Devices | Device 29.4C.2A | <input type="checkbox"/> Ignore |
| 4 | 00.53.F2 | Unknown | 1 | New Devices | Device 00.53.F2 | <input type="checkbox"/> Ignore |

Waiting for Linking report... Press Stop when you have added all your devices

Step 2: Press the Get Types button to query each device for its version and type. If some remain type as unknown, try the Get Types a second time.

Step 3: Replace the default device and room names with more descriptive ones. Select the type for any device listed as Unknown.
If there was a problem with the discovery process - always a possibility - you can check the ignore box and an HCA device is not created for it.

Step 4: Press OK to create the HCA devices. Once created you may want to open their properties and change the icon and other HCA settings.

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You can capture up to 32 devices in one go, but the tool shows only four at a time. There is a scroll bar at the right side of the dialog.

Now press the *Get Types* button to query each device for its type. The tool updates to show the types.

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You should take notes on the order of the devices you went to so when you return to the computer you can name them and assign to rooms or folders.

Start

| | Address | Model - Product | Version | Room Name | Device | |
|---|----------|--|---------|-------------|-----------------|---------------------------------|
| 1 | 1B.34.DE | 2477D SwitchLinc Dimmer (Dual-Band) | 3 | New Devices | Device 1B.34.DE | <input type="checkbox"/> Ignore |
| 2 | 2A.0B.42 | 2334-222 "KeypadLinc Dimmer Dual-Band, 8 Button" | 3 | New Devices | Device 2A.0B.42 | <input type="checkbox"/> Ignore |
| 3 | 29.4C.2A | 2334-232 "KeypadLinc Dimmer Dual-Band, 6 Button" | 3 | New Devices | Device 29.4C.2A | <input type="checkbox"/> Ignore |
| 4 | 00.53.F2 | 2456D3 LampLinc 3-Pin | 1 | New Devices | Device 00.53.F2 | <input type="checkbox"/> Ignore |

Step 2: Press the Get Types button to query each device for its version and type. If some remain type as unknown, try the Get Types a second time.

Get Types

Step 3: Replace the default device and room names with more descriptive ones. Select the type for any device listed as Unknown.
If there was a problem with the discovery process - always a possibility - you can check the ignore box and an HCA device is not created for it.

Step 4: Press OK to create the HCA devices. Once created you may want to open their properties and change the icon and other HCA settings.

OK Cancel

Some older devices don't allow the software to determine their type. You can use the *Model-Product* dropdown to select the correct type.

If you capture a device twice, or you just can't sort out what the type is, then tick the Ignore box on it and HCA will not consider it when adding devices to your design. You can always add it later using the *New Device Wizard*.

The next step is the most important: Enter in a room and name for each device. You can type in room and device names or choose existing ones from the dropdowns.

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Insteon Multi-Add [X]

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You should take notes on the order of the devices you went to so when you return to the computer you can name them and assign to rooms or folders.

| | Address | Model - Product | Version | Room Name | Device | |
|---|----------|--|---------|-------------|--------|---------------------------------|
| 1 | 1B.34.DE | 2477D SwitchLinc Dimmer (Dual-Band) | 3 | Front Entry | Lights | <input type="checkbox"/> Ignore |
| 2 | 2A.0B.42 | 2334-222 "KeypadLinc Dimmer Dual-Band, 8 Button" | 3 | Front Entry | Keypad | <input type="checkbox"/> Ignore |
| 3 | 29.4C.2A | 2334-232 "KeypadLinc Dimmer Dual-Band, 6 Button" | 3 | Den | Keypad | <input type="checkbox"/> Ignore |
| 4 | 00.53.F2 | 2456D3 LampLinc 3-Pin | 1 | Den | Lamp | <input type="checkbox"/> Ignore |

Step 2: Press the Get Types button to query each device for its version and type. If some remain type as unknown, try the Get Types a second time.

Step 3: Replace the default device and room names with more descriptive ones. Select the type for any device listed as Unknown.
If there was a problem with the discovery process - always a possibility - you can check the ignore box and an HCA device is not created for it.

Step 4: Press OK to create the HCA devices. Once created you may want to open their properties and change the icon and other HCA settings.

Close the tool with *OK* and these new devices are added to your design.

- Home Contents
 - Rooms
 - Den
 - Keypad
 - Lamp
 - Front Entry
 - Keypad
 - Lights

A guess was made at the icons for the rooms and devices based upon their types and the names you provided. If you want icons can be changed by opening the properties of the room or device and selecting the Icon tab.

##end##

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