INSTEON®

Insteon Hub Pro
Owner's Manual

Contents

Getting Started

Everything you need to quickly get up and running.

Insteon+ Features

We wanted to add some fun to the daily chore of managing your home's lights and devices; so why not make Insteon+ more fun to use than your light switches? With brand new controls and a greatly simplified user interface, Insteon+ sets the new standard for home control apps.

Easily add devices with just a tap

Create and manage rooms, zones and multiple houses

Schedule scenes and set repeats for day, week or specific dates

A comprehensive dashboard view for quick visibility and control

Quickly create powerful scenes that adjust multiple devices

Apple HomeKit

Insteon+ is a HomeKit aggregator app designed to work with a wide array of HomeKit-enabled devices. You do not need an Insteon Hub Pro to use Insteon+ but Hub Pro is required to use Insteon devices with Insteon+ and HomeKit.
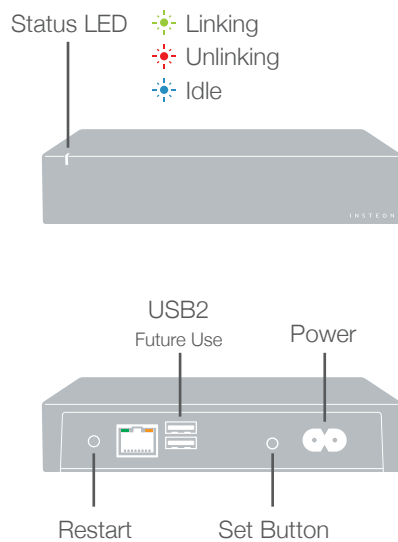
HomeKit delivers a common protocol, secure pairing and the ability to easily control individual or groups of products throughout the house.

HomeKit currently supports on/off devices, dimmable devices, multi-colored lights, ceiling fans, garage doors, door locks and thermostats.

Manufactures can choose to create custom devices that fall outside of these categories but using them with Siri and apps other than the manufacturer's may result in limited functionality.
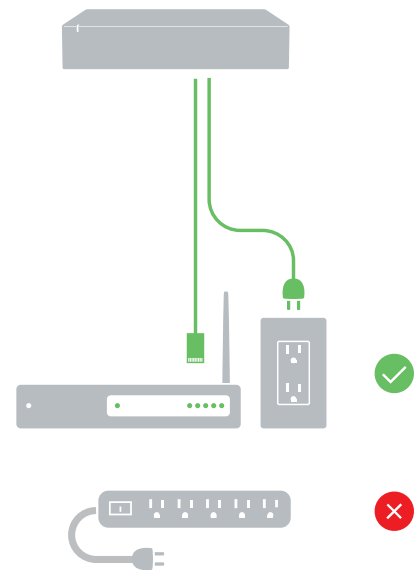
Device Overview

Status LED   Linking
              Unlinking
              Idle

USB2
Future Use   Power

Restart   Set Button

Installation

Connect your Hub to the internet and a power outlet using the cables provided. Avoid switched outlets or filtered power strips.
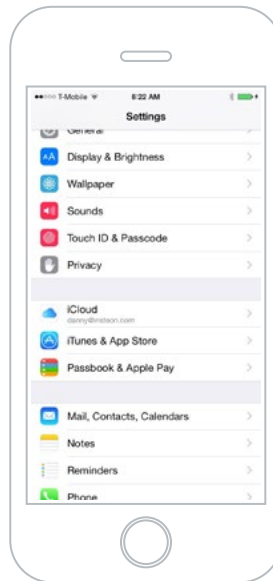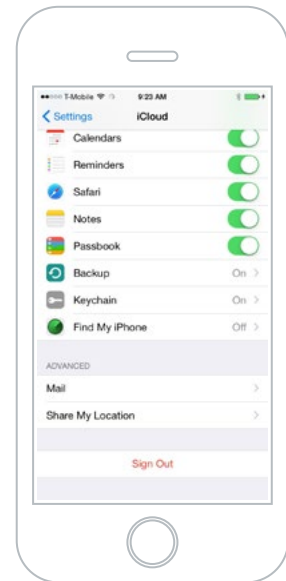
iCloud Keychain

To store your home's HomeKit configuration securely, Insteon+ requires a properly configured iCloud Keychain. If your device's iCloud Keychain is disabled or pending verification, Insteon+ will be unable to complete basic tasks like adding a device.
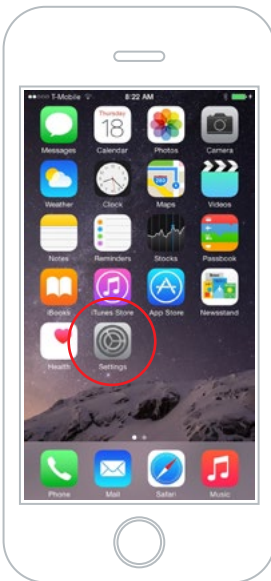
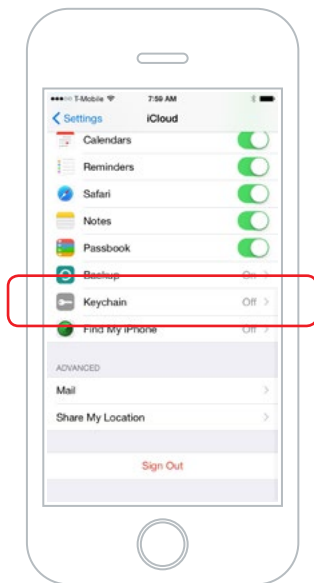On your iPhone, iPad or iPod touch, navigate to Settings.
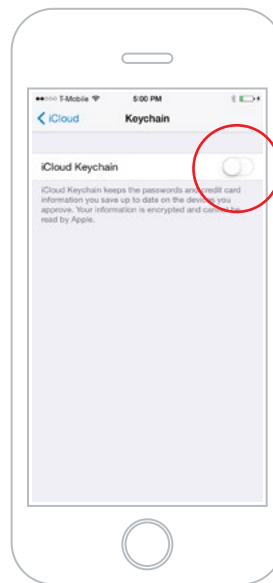
Tap iCloud.

Scroll down to Keychain. The configuration status of your iCloud Keychain will be listed as either On, Off or Pending.

If iCloud Keychain is On, no further action is required. If your iCloud Keychain is Off or Pending, complete activation.

If your iCloud Keychain is Off, tap Keychain.

Tap the switch to enable iCloud Keychain.

After several moments, you will be prompted to either create a security code, approve with a security code or approve from another iPhone, iPad, iPod touch or Mac that is currently configured with iCloud Keychain.
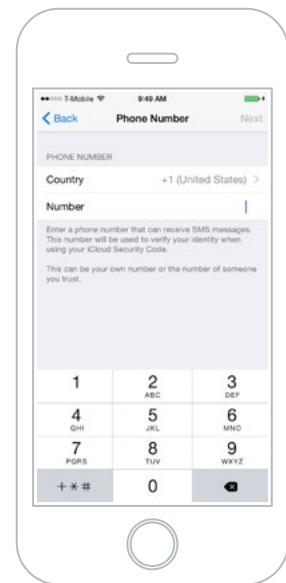
Create an iCloud Keychain

If you have never enabled iCloud Keychain before, you can configure it for the first time by providing a 4-digit security code and a phone number.
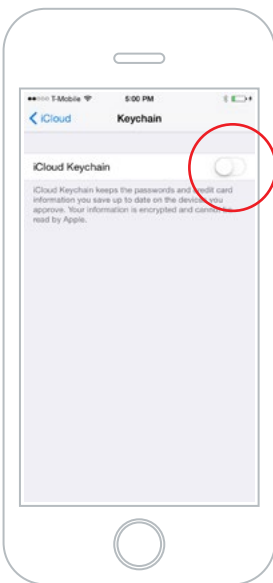

Tap the switch to enable iCloud Keychain.
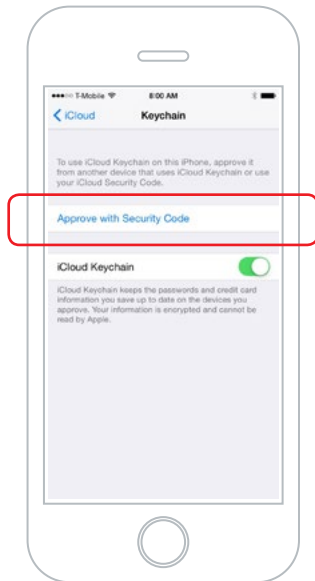
Create a 4-digit security code.

Enter a valid phone number that can receive SMS messages. This number is used by Apple to send verification codes when you activate iCloud Keychain on additional devices.
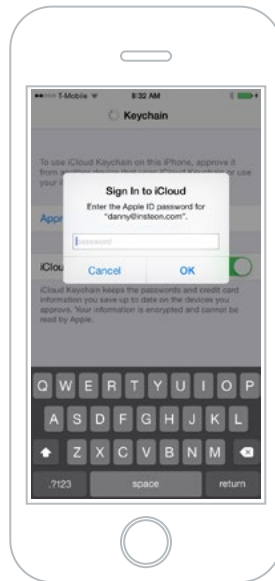
If you have access to another Apple device, you should receive a notification requesting iCloud Keychain approval. Follow the on-screen steps on that device to complete iCloud Keychain approval.
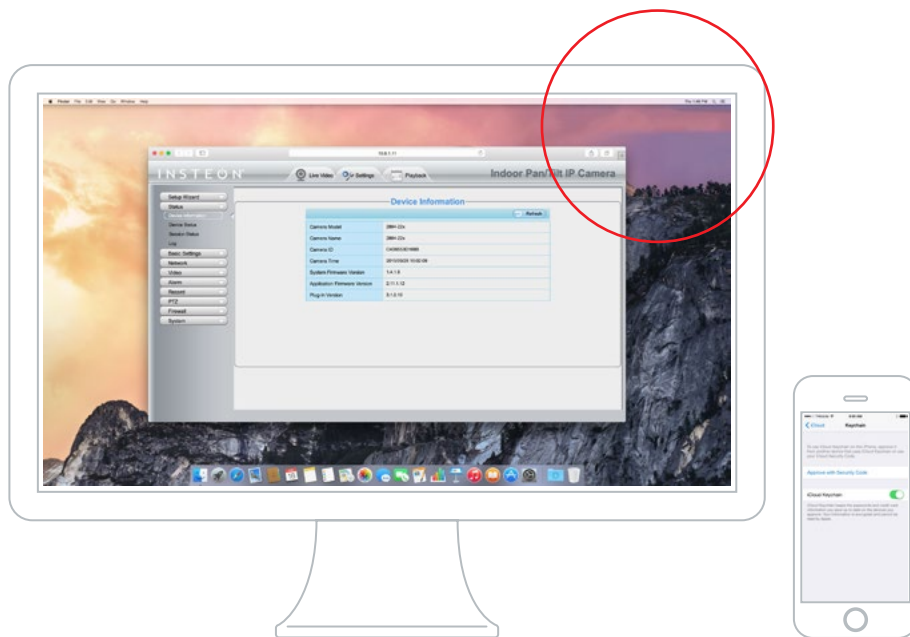
Approve iCloud Keychain a Security Code
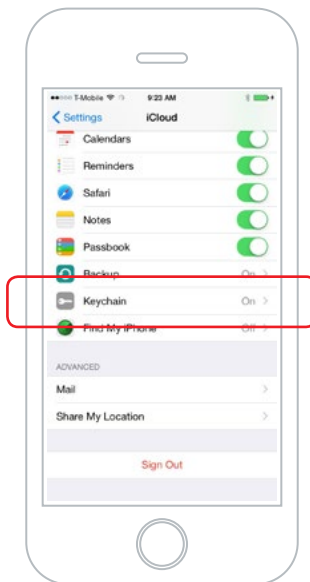
Tap Approve with
Security Code.

When prompted, enter your
Apple ID password.

Enter the 4-digit iCloud Security Code
that you created when you originally
configured iCloud Keychain.

Check your phone's messages
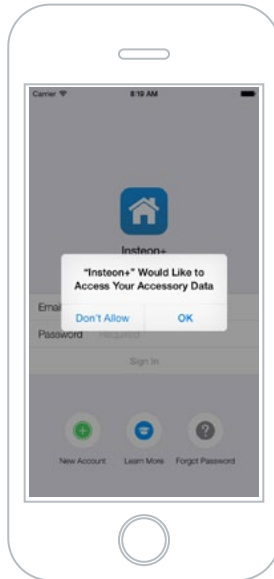for a 6-digit verification code and
enter it when prompted.

After several moments, iCloud
Keychain should be enabled. Tap
Back and confirm that iCloud
Keychain is On.
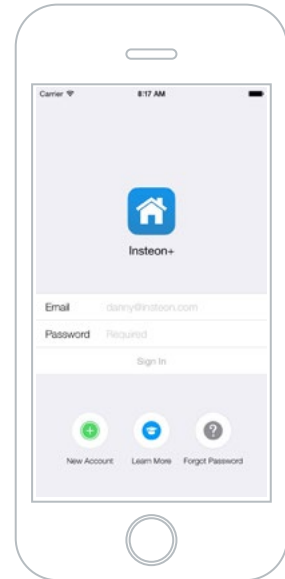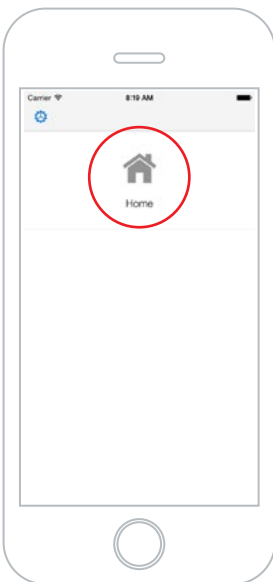
Download Insteon+ from the App Store on your iPhone or iPod touch.

Allow Insteon+ access to your HomeKit accessory data.

Create an account or sign in if you already have an Insteon account.

Navigate to your home by tapping Home.
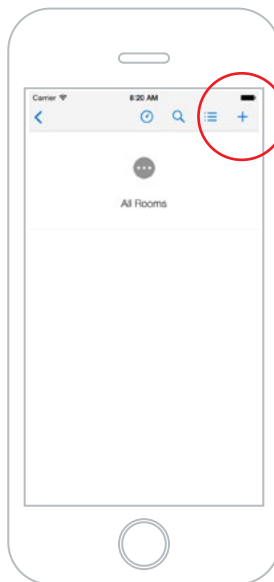
Tap the Add button in the upper right corner.
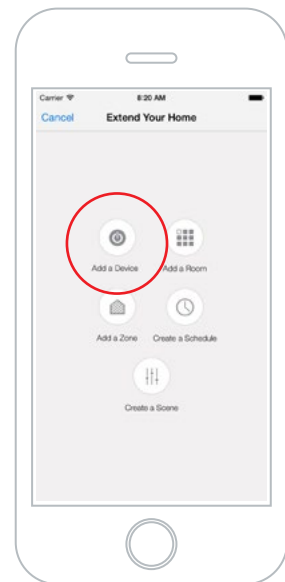
Tap Add a Device
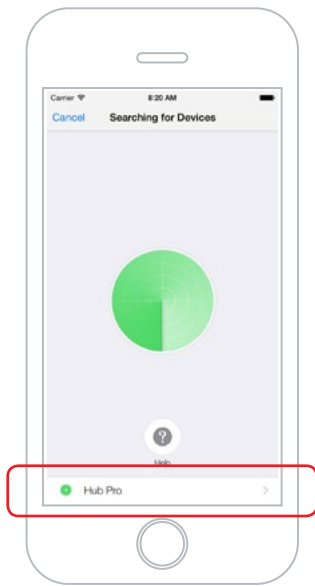
Tap Hub Pro at the bottom of the screen. It may take several minutes after connecting Insteon Hub to power before it appears.

XXX-XX-XXX

Enter the 8-digit Accessory Setup Code found on the bottom of Insteon Hub.
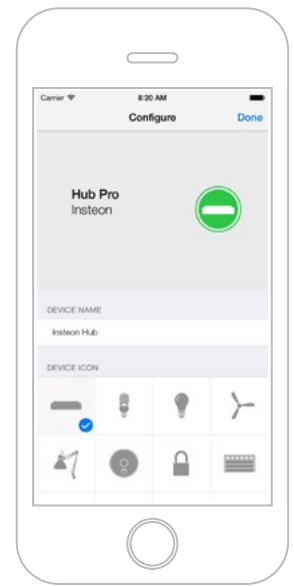
Finish up by giving your Hub a name and picking an icon.

✓ You're done setting up your Insteon Hub.

Insteon+

Use Insteon+ to configure and control your Insteon Hub. Everything from adding a device to adding guests is handled through the app.

Carrier 📶   7:35 AM

All Rooms

| Dining Room | Entry | Garage |
| Guest Bath | Kitchen | Living Room |

Dashboard

A quick overview of your home as well as convenient access to favorite devices and scenes.
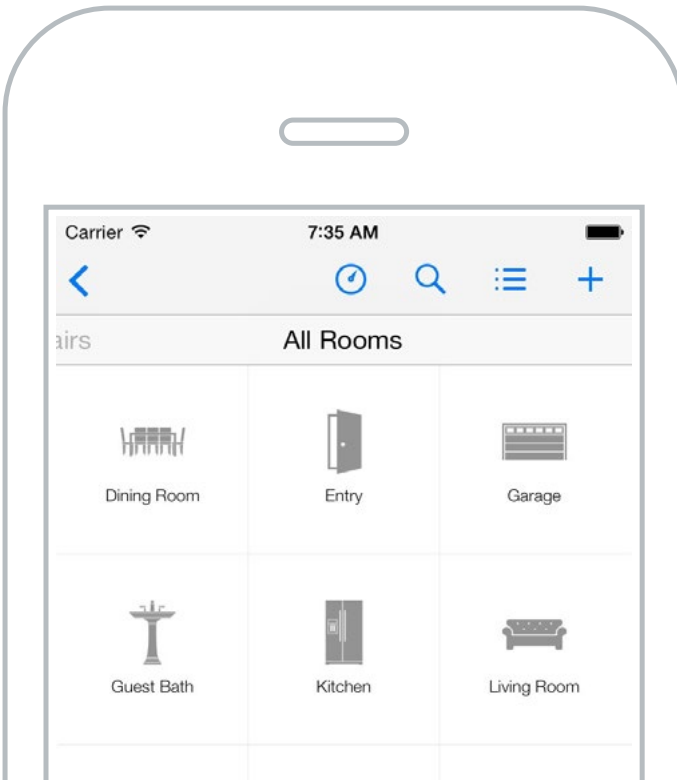
Search

Find anything in your home, quickly and efficiently.

Configure

Edit the devices, rooms, zones, scenes and schedules in your home.

Add

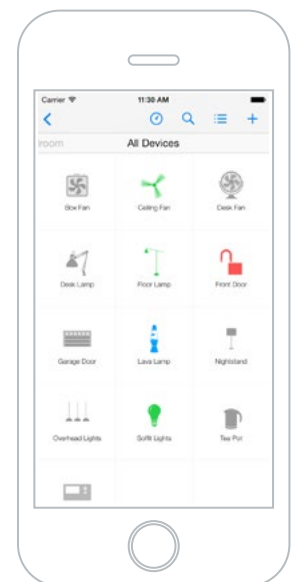Add new devices, rooms, zones, scenes and schedules to your home.

Zones

Create zones to conveniently group rooms throughout your home. Move between zones by swiping left and right.

Rooms

Use rooms to manage a large number of devices. Move between rooms by swiping left and right.

Devices

Control devices by tapping a device's icon.

Dashboard
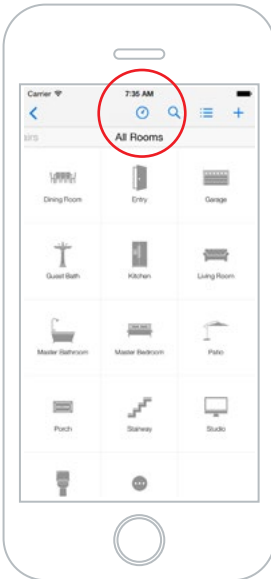
Open Dashboard by tapping the Dashboard button.
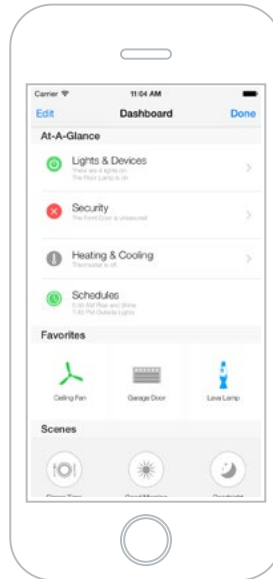
Dashboard gives you a quick overview of your home as well as convenient access to favorite devices and scenes.

Quickly control a device by tapping its icon in Favorites.

All of your created scenes live in Dashboard. Tap their icon to activate the scene.

Enable and disable sections, rearrange their order and pick favorites by tapping Edit.

Add an Insteon Device
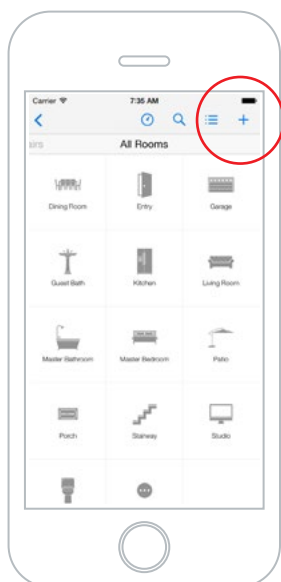
Tap the Add button in the
upper right corner
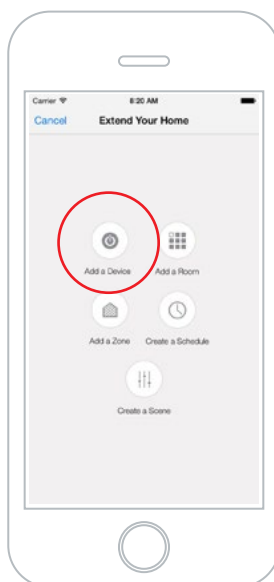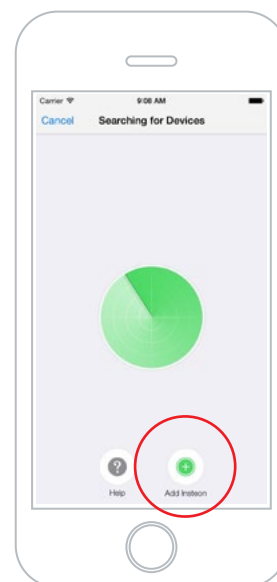
Tap Add a Device

Tap Add Insteon
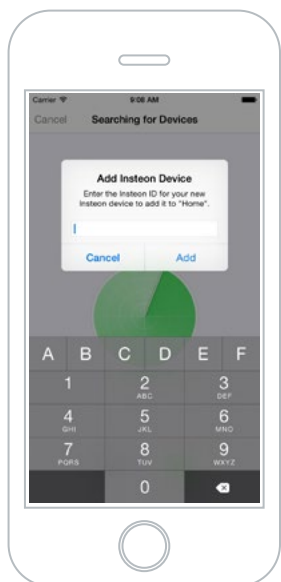
Enter the 6-digit Insteon ID found on
your new Insteon device.

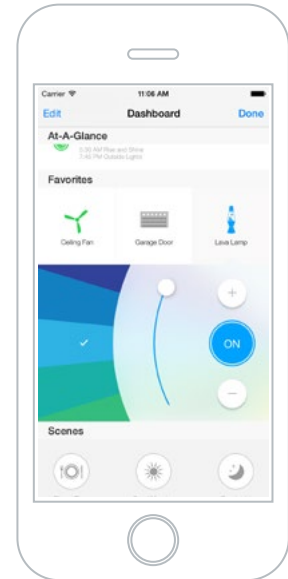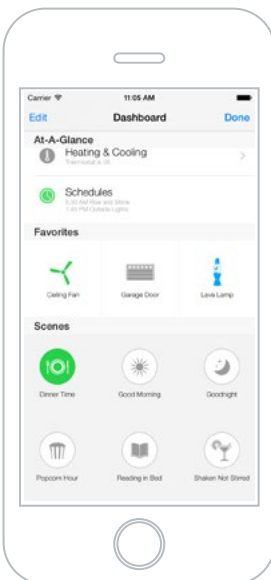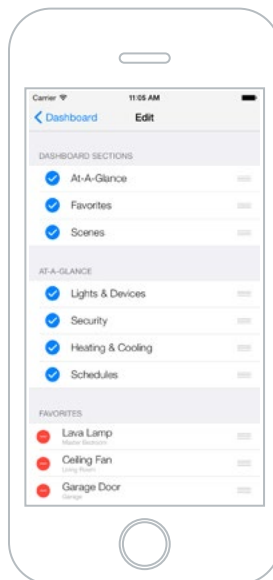Find your Insteon ID
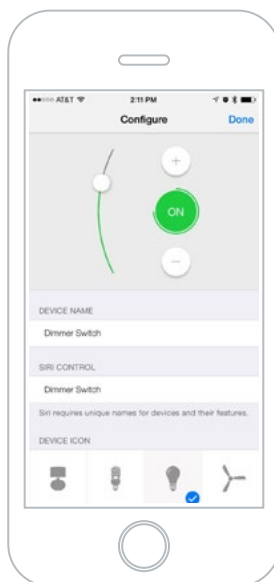
Finish up by giving your new Insteon
device a name, a Siri name, icon and
assigning it to a room. To help Siri
understand your home, the Device
Name and Siri Name cannot match.

Set Button

Insteon devices can also be added
using the set button. Learn more at
insteon.com/hub-homekit-setup

Compatible Devices

For a list of compatible devices, visit
insteon.com/hub-homekit-setup

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Add a HomeKit Device
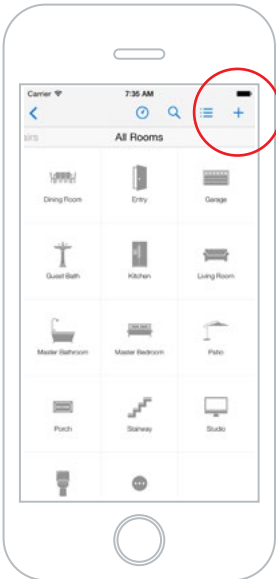
Tap the Add button in the upper right corner.
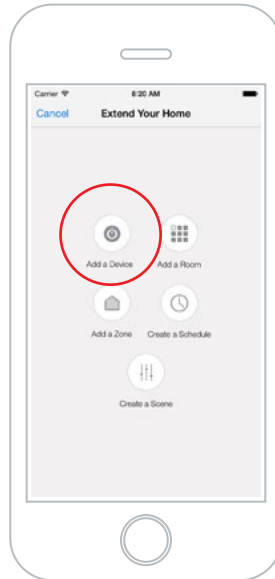
Tap Add a Device.
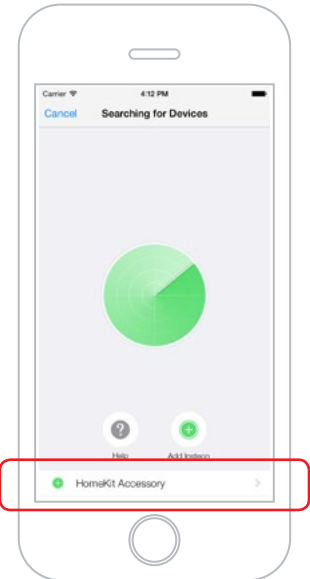
Ensure your HomeKit accessory is powered on. Tap your new HomeKit accessory after it appears at the bottom of the screen.
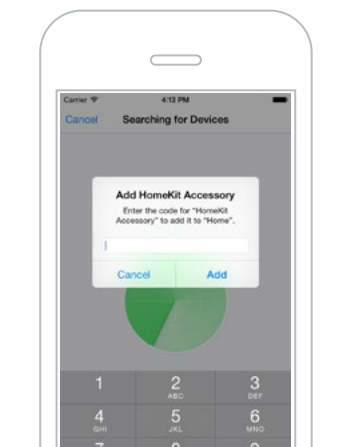
XXX-XX-XXX

Enter the 8-digit Accessory Setup Code that came with your new HomeKit device.
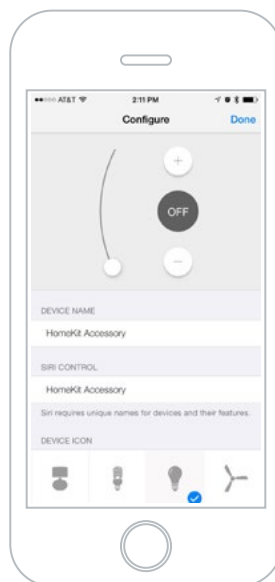
Finish up by giving your new Insteon device a name, a Siri name, icon and assigning it to a room. To help Siri understand your home, the Device Name and Siri Name cannot match.
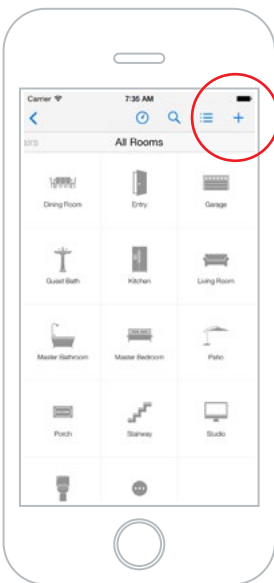
Tap the Add button in the upper right corner.
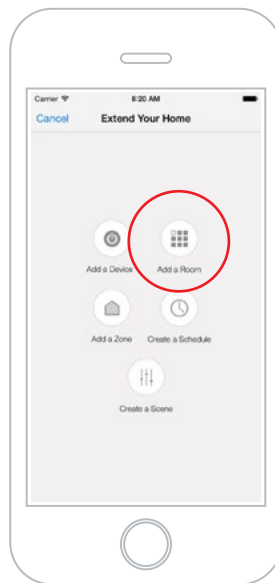
Tap Add a Room.
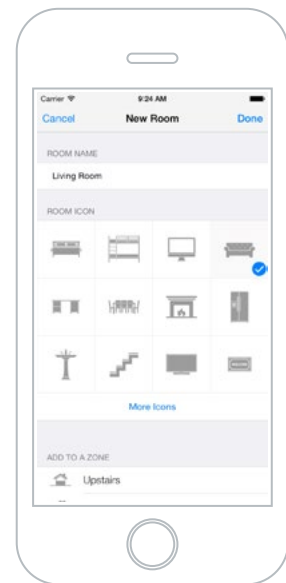
Give your room a name, pick an icon and chose any unassigned devices that you would like to add.

By grouping your rooms into zones, you can quickly control devices in multiple rooms using Siri. Only rooms can be placed in a zone but a room can exist in multiple zones.
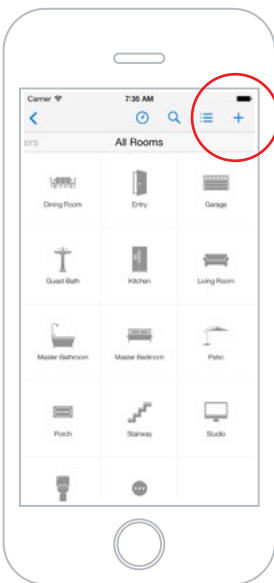
Tap the Add button in the upper right corner.
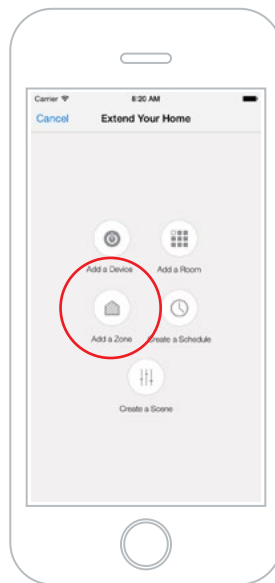
Tap Add a Zone.
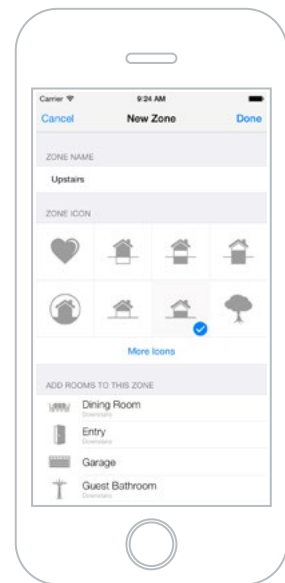
Give your zone a name, pick an icon and chose any rooms that you would like to add to this zone.

Create a Scene
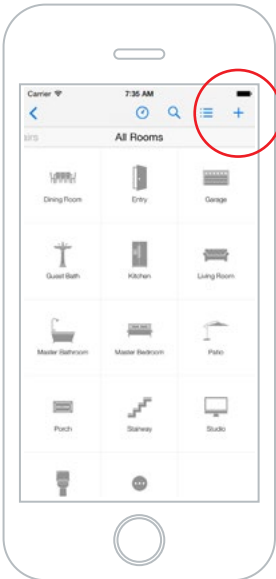
Tap the Add button in the upper right corner.
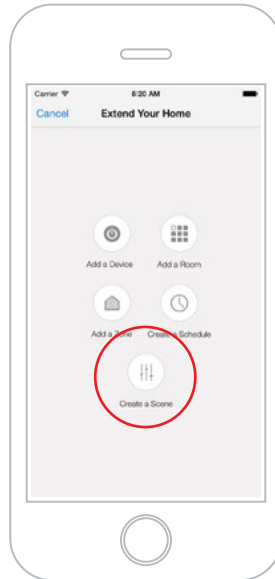
Tap Create a Scene.
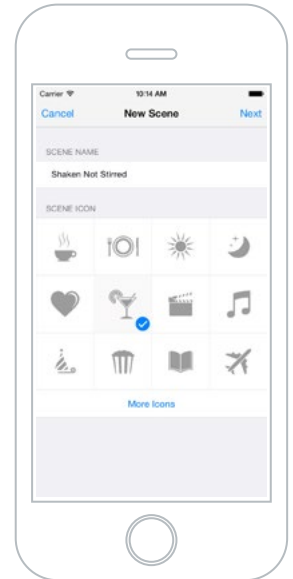
Give your scene a name and pick an icon.
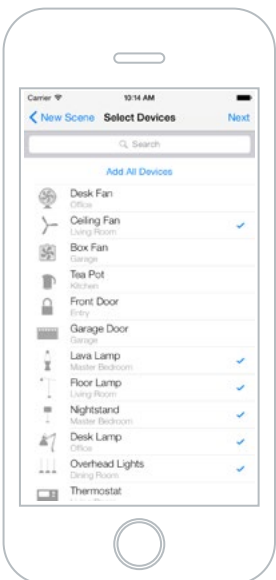
Select the devices that you would like to include in your scene.
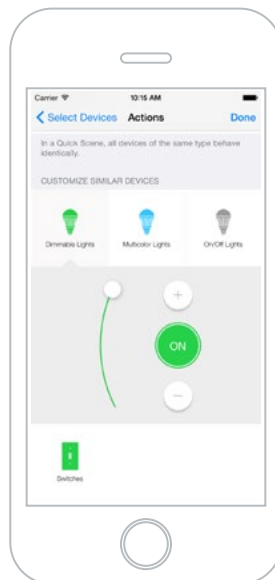
Chose Quick Scene or Custom Scene and then tap a device type to customize how similar devices will behave when the scene is activated.
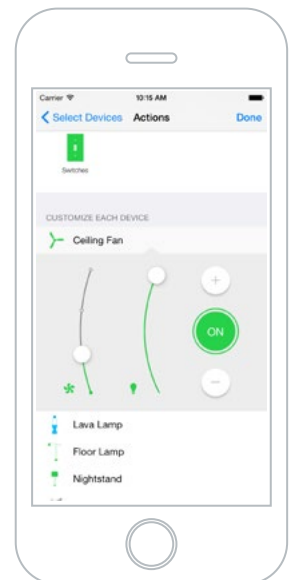
In a Custom Scene, you can tap each individual device as well for a truly unique scene.
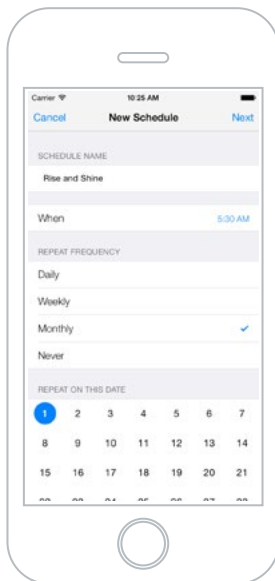
Create a Schedule

With a schedule, any scene can be set to run at a specified time, repeating every day, on a specific day of the week or on a specific date of the month.

Only scenes can be scheduled. To schedule an individual device, create a scene with that device.

Weekly and monthly schedules only allow for a single day or date per schedule. To schedule multiple instances of an event, create multiple schedules, one for each desired day.

Multiple scenes can be selected when creating a schedule.

Create a Schedule
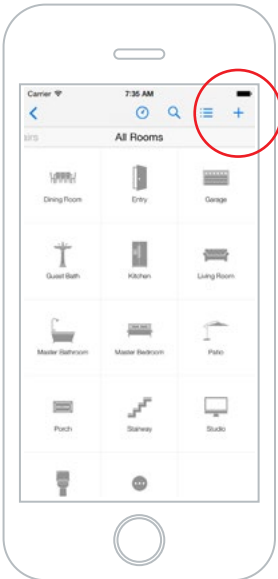
Tap the Add button in the upper right corner.
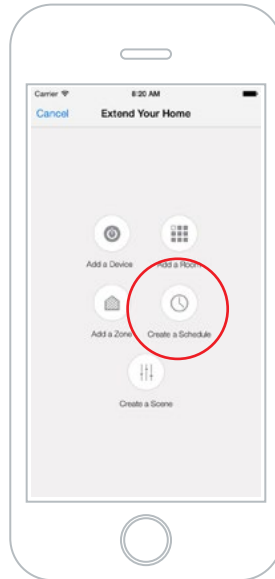
Tap Create a Schedule.
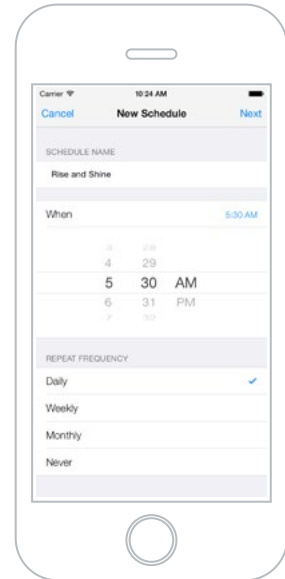
Give your schedule a name, pick a time and pick how often the schedule repeats.
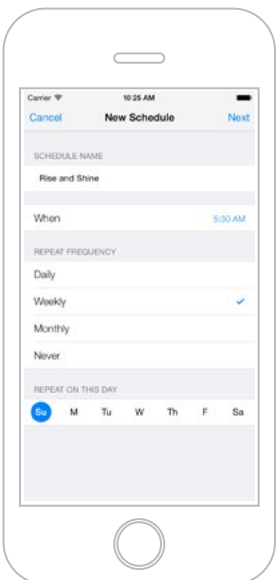
Weekly schedules will repeat every week on a specified day.
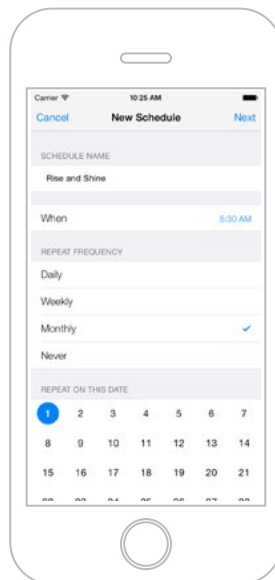
Monthly schedules will repeat every month on a specified date.
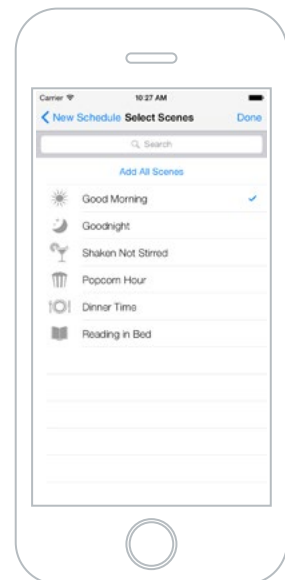
Select the scenes that you would like to include in your schedule.

Add a Guest User
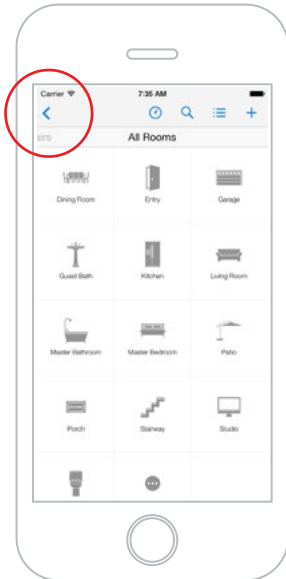
Tap Back until you see a list of homes.
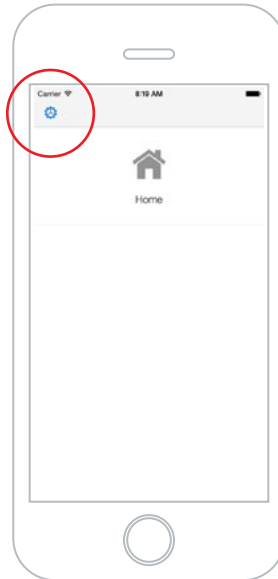
Tap Settings.
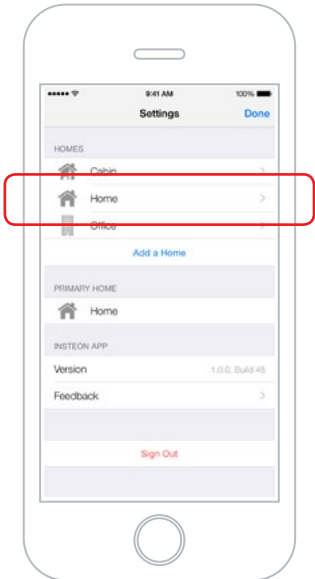
Tap the home for which you would like to share access.
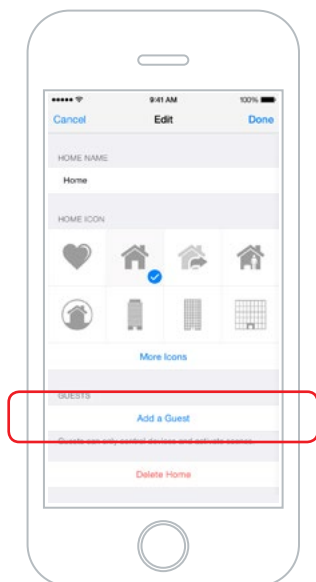
Tap Add a Guest
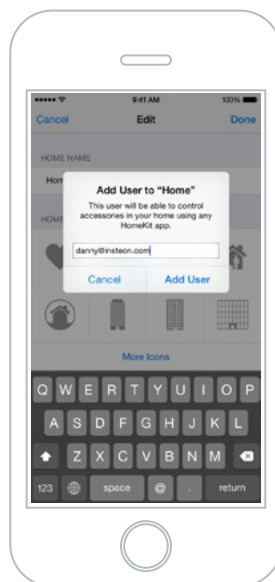
Enter your guest's Apple ID and tap Add User.
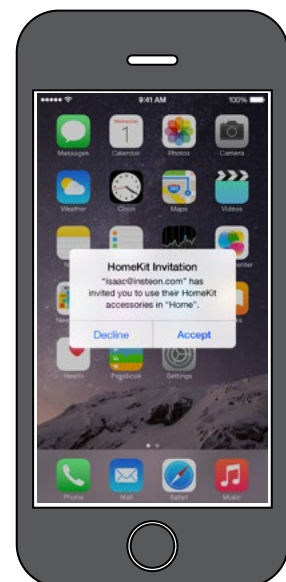
On the guest user's iPhone, iPad or iPod touch, tap Accept. To control devices, your guest will also need to download Insteon+ or another HomeKit-compatible app from the App Store.

Siri

While connected to power, you can control your home hands-free by saying, "Hey, Siri." Allow "Hey Siri" from Siri settings.
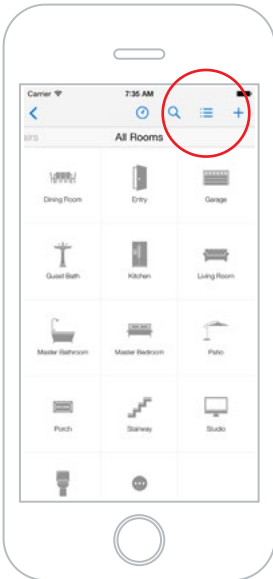
Press and hold the home button on your iPhone, iPad or iPod touch.

Ask Siri to control devices, rooms, zones or scenes. Siri can control most aspects of your devices including on/off, brightness, fan speed, and temperature.

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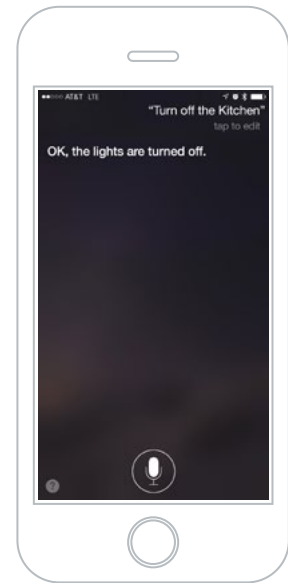
Customize a Device's Siri Name

Tap the Configure button to open the Configure your Home sheet.
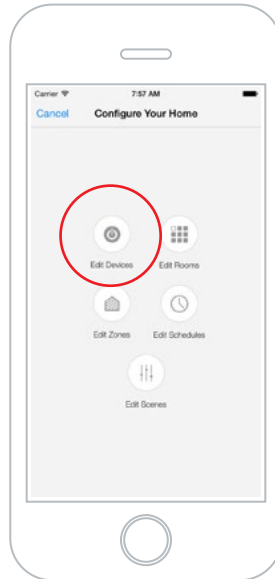
Tap Edit Devices.
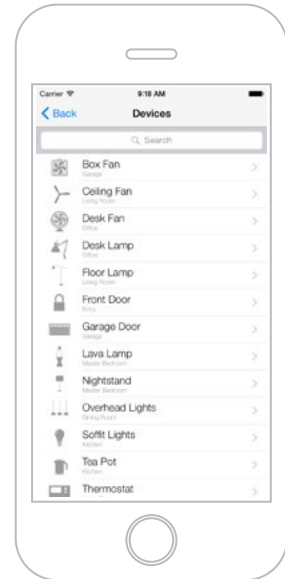
Select the desired device from the list.
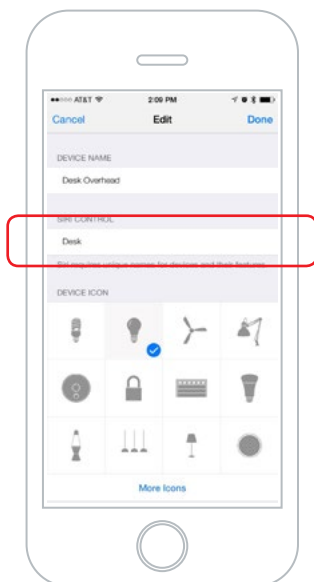
Enter a Siri name. To help Siri understand your home, the Device Name and Siri Name cannot match and must be unique in your home.
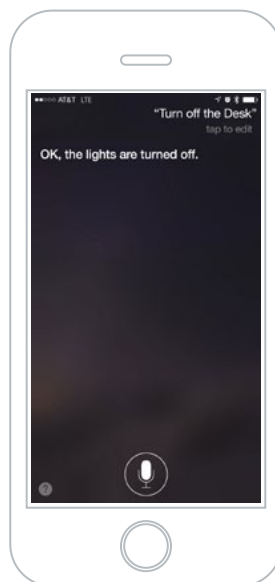
When you ask Siri to control a specific device, use the device's Siri Name.

Composing Siri Commands

When controlling your home, Siri expects a relatively consistent syntax for commands. The order of the commands is flexible and it is strongly encouraged that you use the full hierarchy of zones and rooms.

Action		Device or Scene		Location
	+		+	

Action	Device or Scene	Location
Turn On	Siri Name	Room Name
Turn Off	Scene Name	Zone Name
Dim	Lights	House Name
Set	Locks	
Open	Fan	
Close	Thermostat	
Lock	Switch	
Unlock	Bulb	
	Outlet	
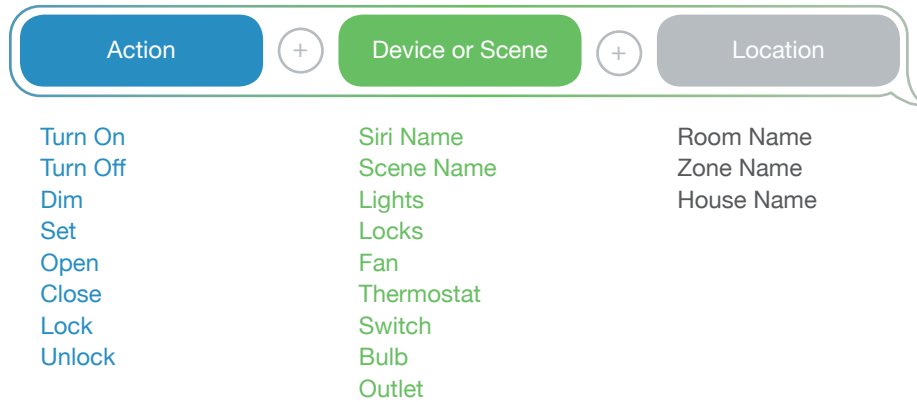
Turn On the Lava Lamp
Turn Off the Lava Lamp
Turn On the Lights in the Bedroom
Turn Off the Downstairs Lights
Turn On the Fans

Set the Pendant Lights to 25%
Dim the Dining Room Lights to 50%
Set the Ceiling Fan to High
Set the Thermostat to 72º

Set up for a Party, Siri
Set the Dinner Scene

Is the Garage Door Open?
Is the Front Door Locked?
What is the Thermostat Temperature?

"Turn off the Kitchen"
tap to edit

OK, the lights are turned off.
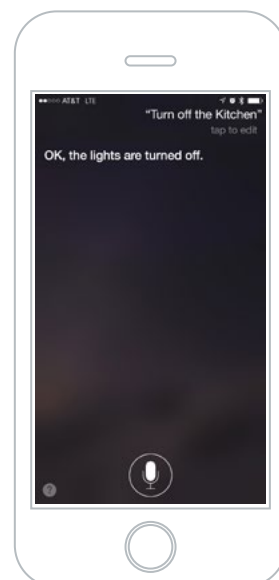
Remote Access

When you are away from home, Insteon+ and Insteon Hub require an Apple TV (3rd generation or later) for remote access. Without a properly configured Apple TV, all of your devices will appear in Insteon+ but their function will be disabled.

There is no need to configure port forwarding for Insteon Hub Pro or other HomeKit devices.

Remote Access

On your iPhone, iPad or iPod touch, navigate to Settings.
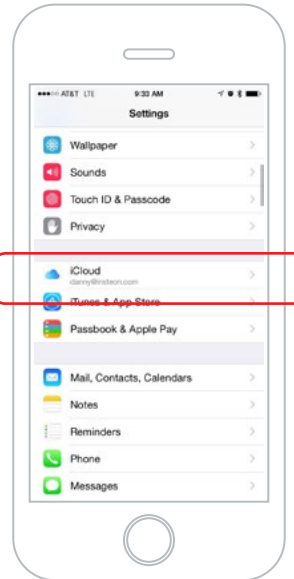
Tap iCloud.
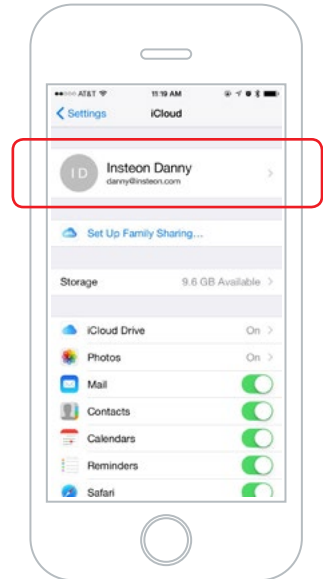
The iCloud account listed is the account Insteon+ is using for your HomeKit configuration.
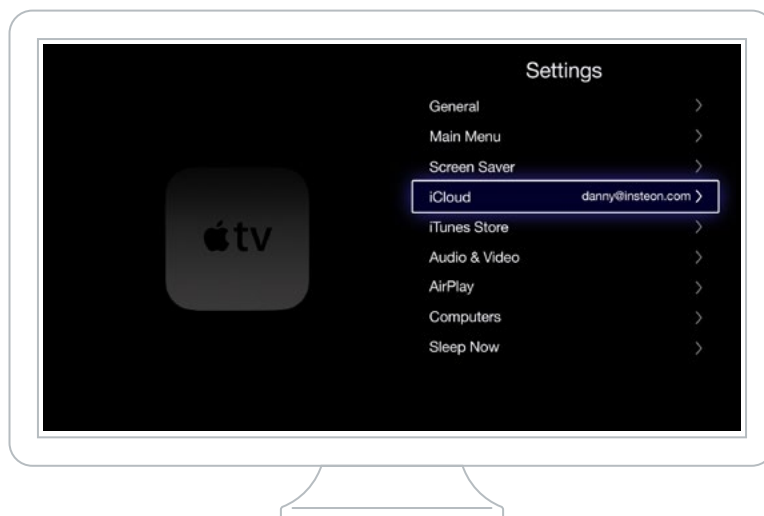
On your Apple TV, navigate to Settings > iCloud. Ensure that you are signed in using the same iCloud account as your iPhone, iPad or iPod touch.

Delete a Device
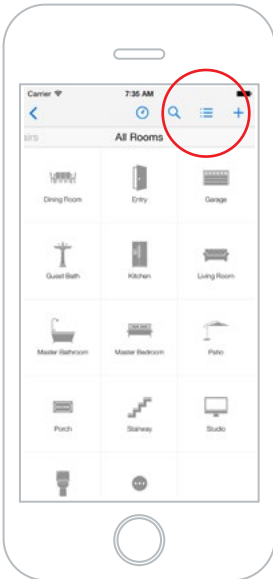
Tap the Configure button to open the Configure your Home sheet.
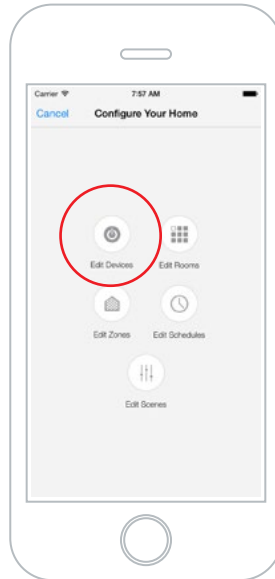
Tap Edit Devices.
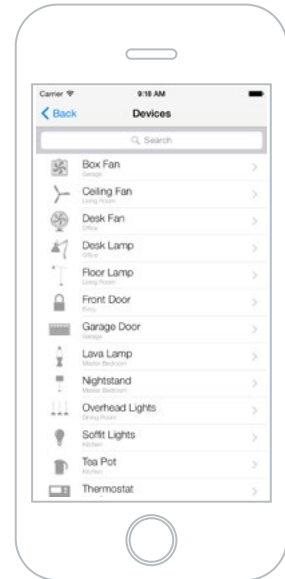
Select the device that you want to delete from the list
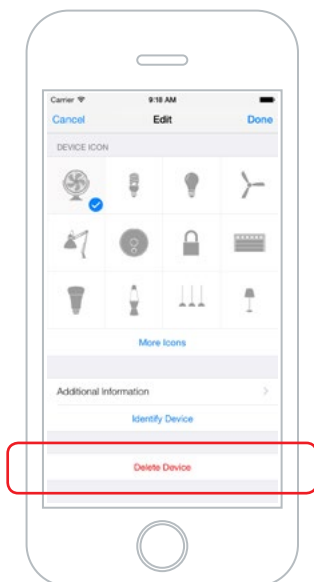
At the bottom of the Edit screen, tap Delete Device.
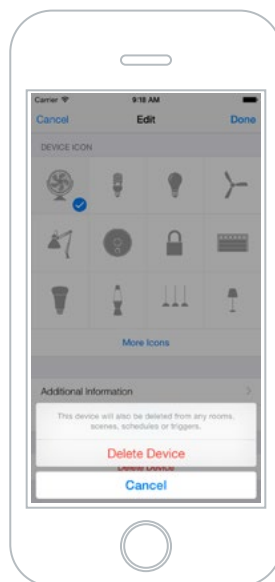
Confirm that you want to delete the device. This will also remove the device from any rooms, scenes, schedules or triggers in your home and cannot be undone.

Removing Insteon Hub Pro will also remove any Insteon devices.

Delete a Room
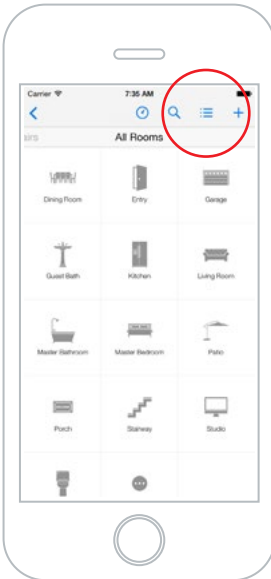
Tap the Configure button to open the Configure your Home sheet.
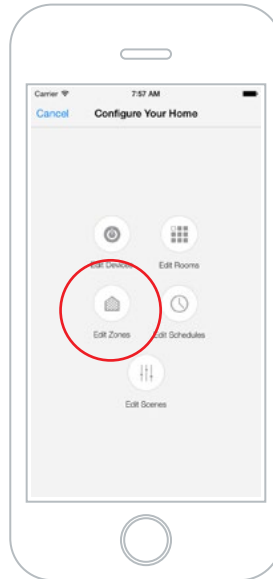
Tap Edit Rooms.

Select the room that you want to delete from the list.
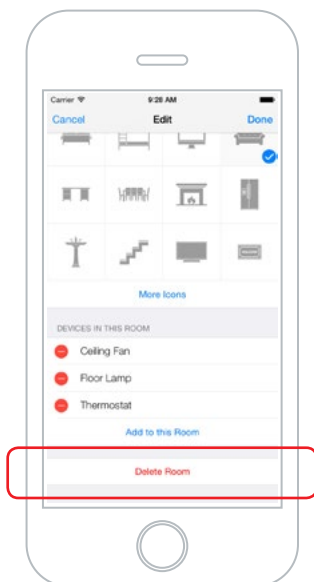
At the bottom of the Edit screen, tap Delete Room.
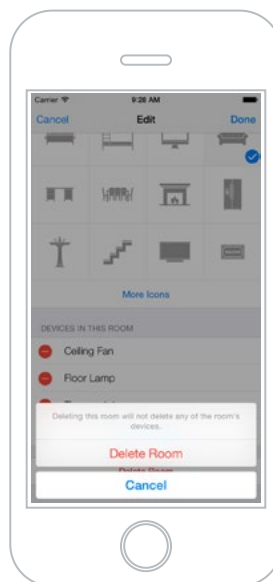
Confirm that you want to delete the room. This will not delete any of the devices contained within the room.

Delete a Zone
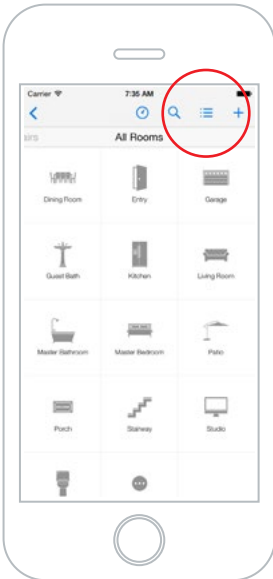
Tap the Configure button to open the Configure your Home sheet.
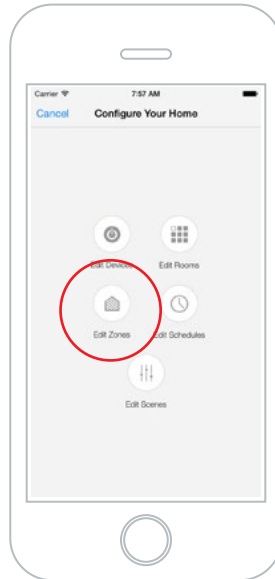
Tap Edit Zones.
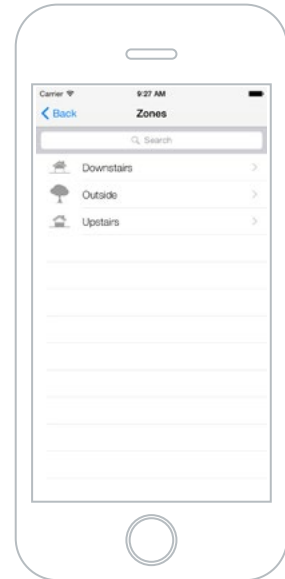
Select the zone that you want to delete from the list.
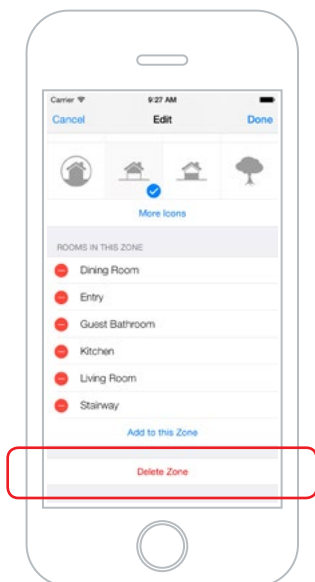
At the bottom of the Edit screen, tap Delete Zone.
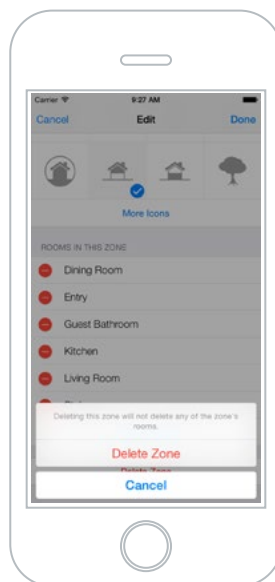
Confirm that you want to delete the zone. This will not delete any of the rooms or devices contained within the zone.

Delete a Scene
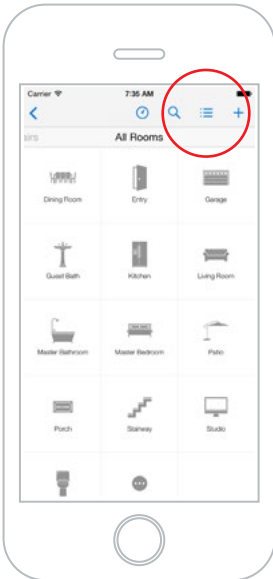
Tap the Configure button to open the Configure your Home sheet.
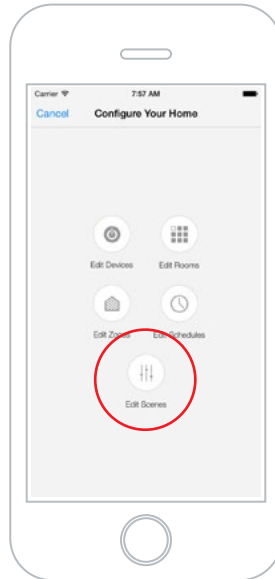
Tap Edit Scenes.
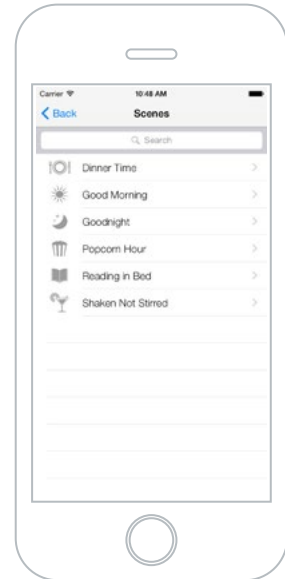
Select the scene that you want to delete from the list.
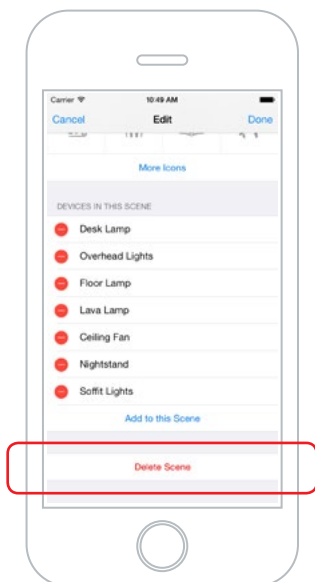
At the bottom of the Edit screen, tap Delete Scene.
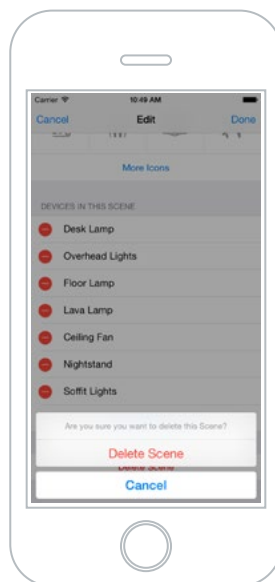
Confirm that you want to delete the scene. This will not delete any devices contained within the scene or schedules containing this scene.

Delete a Schedule

Tap the Configure button to open the Configure your Home sheet.
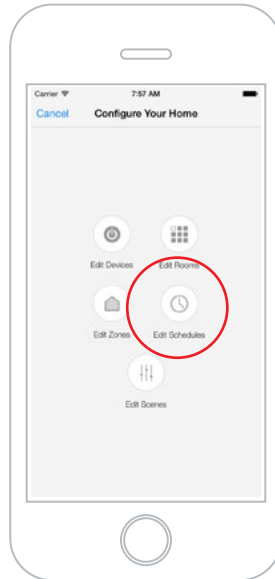
Tap Edit Schedules.
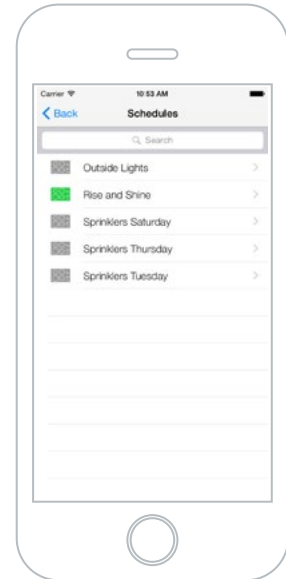
Select the schedule that you want to delete from the list.
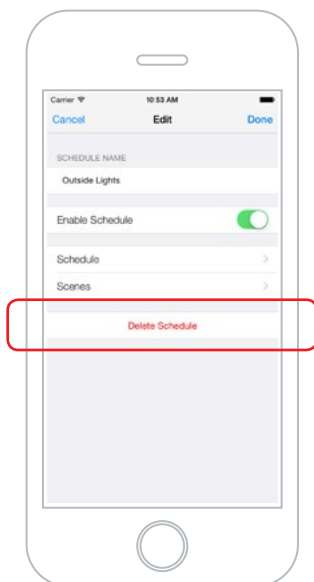
At the bottom of the Edit screen, tap Delete Schedule.
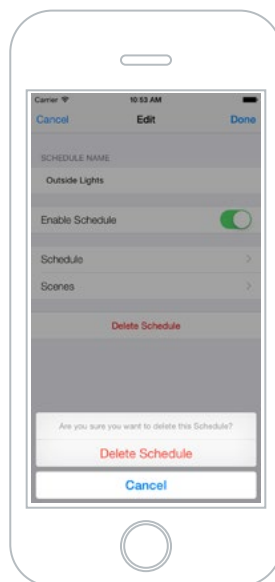
Confirm that you want to delete the schedule. This will not delete any scenes contained within the schedule.

Remove a Guest User
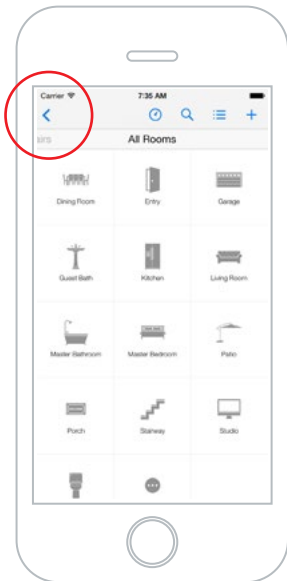
Tap Back until you see a list of homes.
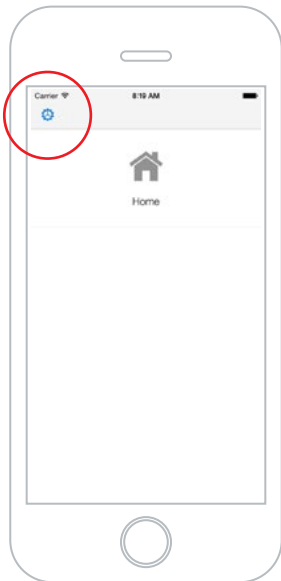
Tap Settings.
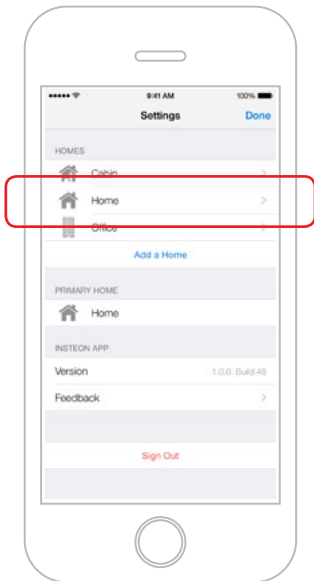
Tap the home for which you would like to share access.
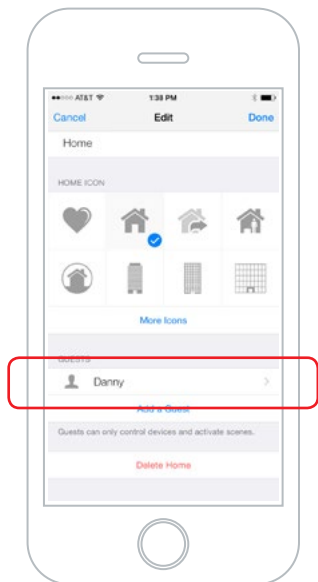
Tap the guest you would like to remove.
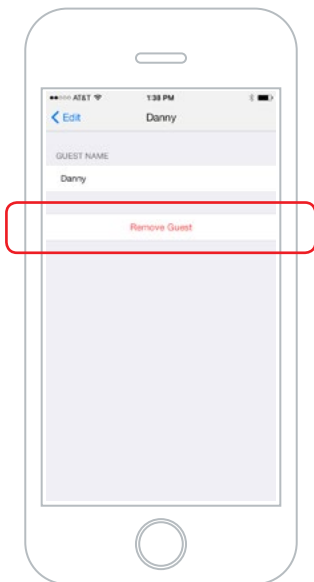
Tap Remove Guest.
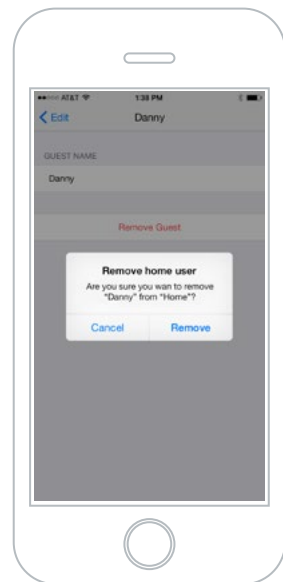
Confirm that you want to remove the guest.

Update Firmware
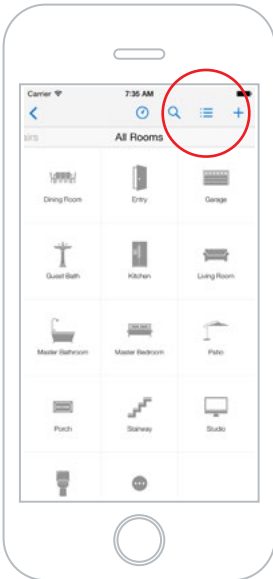
Tap the Configure button
to open the Configure your
Home sheet.
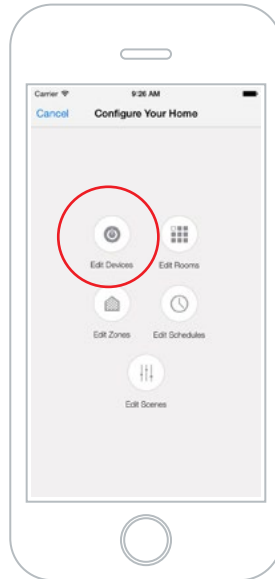
Tap Edit Devices.
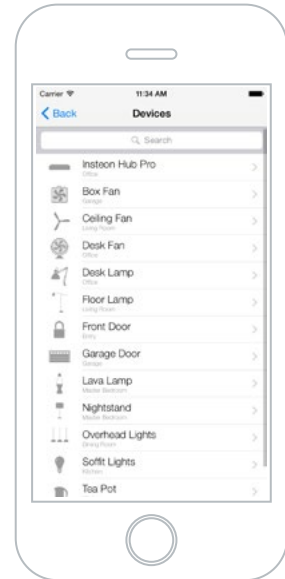
Select your Insteon Hub
from the list.
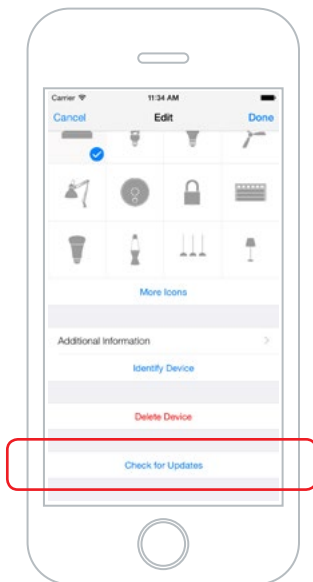
At the bottom of the Edit screen,
tap Check for Updates.
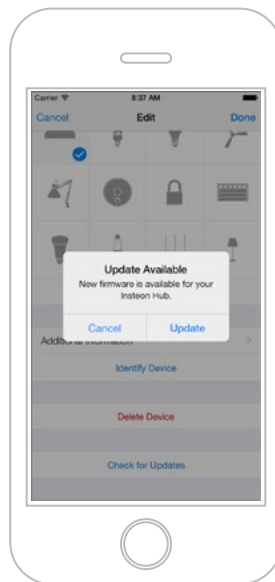
If an update is available, tap
Update to download and install
new firmware.
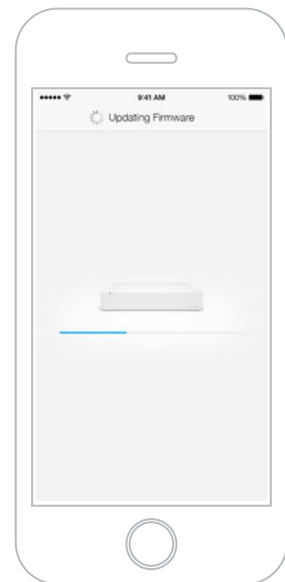
Do not disconnect Insteon Hub
from the internet or power during
the update. Most updates take
only a few minutes.

Hardware Reset

A factory reset will erase all links stored in the device's database as well as any customized properties. It will also reset the HomeKit pairing and will allow Insteon Hub to be added to a different HomeKit house.

1 Unplug Insteon Hub from power.

2 Press and hold the set button.

3 While holding the set button, reconnect Insteon Hub to power.

LONG
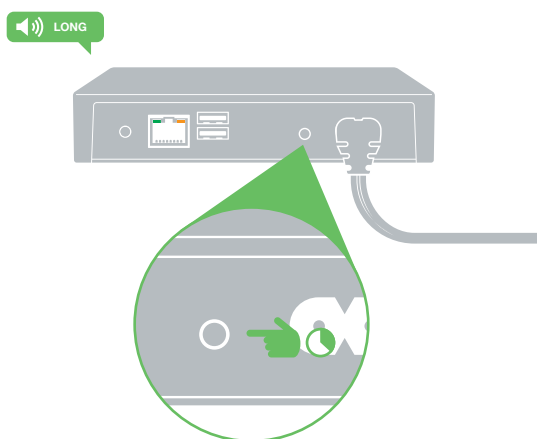
4 Continue holding the set button until Insteon Hub stops beeping. Release the set button and your Hub will double beep. After three minutes, your Hub will double beep again.

✓ Your Insteon Hub has been restored to factory settings.

Appendix

Everything else you might need to know about your Insteon product.

Specifications

General

Available Colors	White
Brand:	Insteon
FCC ID	SBP22422
Industry Canada	5202A-22422
Manufacturer Product No.:	2243-222 US 2243-422 EU 2243-442 UK 2243-522 AUS/NZ
Patent No.:	Protected under US and Foreign Patents (see www.insteon.com/patents)
UPC:	813922012514
Warranty:	2 years, limited

Operation

Audio Alert	Beeper
Local Control	No
Setup Memory	Non-volatile EEPROM
Status LED	Red, Green, Blue LED

Insteon Features

Insteon Device Category	0x03
Insteon Device Subcategory	0x3A
Insteon ID	1
Insteon Links	992
Insteon Messages Repeated	Yes
Insteon Powerline Device	Yes
Insteon Powerline Frequency	131.65 KHz
Insteon RF Device	Yes
Maximum Controlled Scenes	256 Insteon Scenes, 100 Maximum HomeKit endpoints
Maximum Scene Memberships	992

Multi-Link Support	No
Multi-Unlink Support	No
RF Beacon	Yes
Radio Frequency	915.0 MHz
Radio Frequency Range	Up to 250 feet

Mechanical

Beep on Button Press	No
Dimensions	1.5" H x 7" W x 4" D 38mm H x 178mm W x 102mm D
Enclosure Material	UV stabilized plastic
Mounting	Tabletop or Wall Mount
Operating Environment	Indoors
Operating Humidity Range	0-90% relative humidity
Operating Temperature Range	32° to 104° F 0° to 40° C
Factory Reset Button	Yes
Storage Temperature Range	-4° to 158° F -20° to 70° C
Weight	5.0 oz 142 g

Electrical

Power Consumption	2 Watts
Supply Voltage	120-277 Volts AC, 50/60 Hertz, single phase
Surge Resistance	Surges over 1000 volts
Power Connector	IEC C8
Certification	EN 300 220-2, 301 489-3 AS/NZS 4268, CISPR 22 IEC 60669-2-1 FCC / IC

Troubleshooting

For detailed troubleshooting information,
visit insteon.com/hub-homekit-setup

Certifications and Warnings

Read and understand these instructions before installing and retain them for future reference.

This product is not designed or approved for use on powerlines other than 120-277VAC, 50Hz or 60Hz, single phase. Attempting to use this product on unapproved powerlines may have hazardous consequences.

- Use only indoors or in outdoor rated box

- This product may feel warm during operation. The amount of heat generated is within approved limits and poses no hazards. To minimize heat buildup, ensure the area surrounding this product is as clear of clutter as possible.

- Each Insteon product is assigned a unique Insteon I.D., which is printed on the product's label.

- Changes or modifications to the hardware not expressly approved by Insteon may void the user's authority to operate the equipment in a licensed manor.

- For pluggable equipment, the socket-outlet shall be installed near the equipment and shall be easily accessible.

This device complies with FCC Rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le present appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorise aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radiolectrique subi, mme si le brouillage est susceptible d'en compromettre le fonctionnement.

Declaration of Conformity

Hereby, Insteon declares that this device is in compliance with the essential requirements and other relevant provisions of the following Directives:

1) Low Voltage Equipment Directive 2006/95/EC
2) Electromagnetic Compatibility Directive 2004/108/EC
3) Hazardous Substance Directive 2005/95/EC

Technical data and copies of the original Declaration of Conformity are available and can be obtained from Insteon; 16542 Millikan Ave, Irvine, CA, USA.

User Information for Consumer Products Covered by EU Directive 2002/96/EC on Waste Electric and Electronic Equipment (WEEE)

This document contains important information for users with regards to the proper disposal and recycling of Insteon products. Consumers are required to comply with this notice for all electronic products bearing the following symbol:

Environmental Information for Customers in the European Union

European Directive 2002/96/EC requires that the equipment bearing this symbol on the product and/or its packaging must not be disposed of with unsorted municipal waste. The symbol indicates that this product should be disposed of separately from regular household waste streams.

It is your responsibility to dispose of this and other electric and electronic equipment via designated collection facilities appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health.

For more detailed information about the disposal of your old equipment, please contact your local authorities, waste disposal service, or the shop where you purchased the product.

DECLARATION OF CONFORMITY TO R&TTE DIRECTIVE 1999/5/EC for the European Community, Switzerland, Norway, Iceland and Liechtenstein Product category: general consumer (category 3).

English: This equipment is in compliance with the essential requirements and other relevant provisions of the European R&TTE Directive 1999/5/EC

Deutsch [German]: Dieses Gerät entspricht den grundlegenden Anforderungen und den weiteren entsprechenden Vorgaben der Richtlinie 1999/5/EU.

Nederlands [Dutch]: Dit apparaat voldoet aan de essentiele eisen en andere van toepassing zijnde bepalingen van de Richtlijn 1999/5/EC.

Svenska [Swedish]: Denna utrustning står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.

Français [French]: Cet appareil est conforme aux exigences essentielles et aux autres dispositions pertinentes de la Directive 1999/5/EC

Español [Spanish]: Este equipo cumple con los requisitos esenciales asi como con otras disposiciones de la Directiva 1999/5/CE.

Português [Portuguese]: Este equipamento está em conformidade com os requisitos essenciais e outras provisões relevantes da Directiva 1999/5/EC. Italiano [Italian]: Questo apparato é conforme ai requisiti essenziali ed agli altri principi sanciti dalla Direttiva 1999/5/CE.

Norsk [Norwegian]: Dette utstyret er i samsvar med de grunnleggende krav og andre relevante bestemmelser i EU-direktiv 1999/5/EF.

Suomi [Finnish]:Tämä laite tyttää direktiivin 1999/5/EY olennaiset vaatimukset ja on siinä asetettujen muiden laitetta koskevien määräysten mukainen. Dansk [Danish]: Dette udstyr er i overensstemmelse med de væsentlige krav og andre relevante bestemmelser i Direktiv 1999/5/EF.

Polski [Polish]: Urządzenie jest zgodne z ogólnymi wymaganiami oraz szczególnymi warunkami okreslonymi Dyrektywą UE: 1999/5/EC

In 2002, the European Union introduced the Directive on Waste Electrical and Electronic Equipment (WEEE). The main aim of the Directive is to ensure that WEEE is collected and treated separately. WEEE may contain hazardous substances that should not end-up in the (human) environment because it can have adverse effects on it.Furthermore, WEEE is a vast source of raw materials. With the ever-rising worldwide demand for new equipment and the ever-decreasing volume of raw materials in nature, letting this potential source of such materials go to waste is unacceptable. If equipment is collected separately, the equipment can be recycled and up to 85 to 90% of the equipment can be reused as new material, saving the use of virgin raw materials and energy of producing these. Separate collection and treatment of WEEE will thus decrease CO_2 emissions as well. For the above reasons, Insteon expects end-users to dispose of the material in an environmentally friendly way through separate collection and treatment. Electrical and Electronic Equipment is labeled with the following 'crossed out wheeled bin' symbol indicating that the equipment should be disposed of, by the end-user, separate from other types of waste. End-users should contact their dealer/distributor or our company on disposal, collection and recycling options in their country.

Limited Warranty

Seller warrants to the original consumer purchaser of this product that, for a period of two years from the date of purchase, this product will be free from defects in material and workmanship and will perform in substantial conformity to the description of the product in this Owner's Manual. This warranty shall not apply to defects or errors caused by misuse or neglect. If the product is found to be defective in material or workmanship, or if the product does not perform as warranted above during the warranty period, Seller will either repair it, replace it, or refund the purchase price, at its option, upon receipt of the product at the address below, postage prepaid, with proof of the date of purchase and an explanation of the defect or error. The repair, replacement, or refund that is provided for above shall be the full extent of Seller's liability with respect to this product. For repair or replacement during the warranty period, call 866-243-8022 with the Model # and Revision # of the device to receive an RMA# and send the product, along with all other required materials to:

Insteon
ATTN: Receiving
16542 Millikan Ave.
Irvine, CA 92606-5027

Limitations

The above warranty is in lieu of and Seller disclaims all other warranties, whether oral or written, express or implied, including any warranty or merchantability or fitness for a particular purpose. Any implied warranty, including any warranty of merchantability or fitness for a particular purpose, which may not be disclaimed or supplanted as provided above shall be limited to the two-year of the express warranty above. No other representation or claim of any nature by any person shall be binding upon Seller or modify the terms of the above warranty and disclaimer.

Home automation devices have the risk of failure to operate, incorrect operation, or electrical or mechanical tampering. For optimal use, manually verify the device state. Any home automation device should be viewed as a convenience, but not as a sole method for controlling your home.

In no event shall Seller be liable for special, incidental, consequential, or other damages resulting from possession or use of this device, including without limitation damage to property and, to the extent permitted by law, personal injury, even if Seller knew or should have known of the possibility of such damages. Some states do not allow limitations on how long an implied warranty lasts and/or the exclusion or limitation of damages, in which case the above limitations and/or exclusions may not apply to you. You may also have other legal rights that may vary from state to state.