INSTEON® Hub

Owner's Manual
2242-222 (US)
2242-422 (EU)
2242-442 (UK)
2242-522 (AUS/NZ)

About INSTEON Hub

INSTEON INSTEON Hub makes adding customizable, fully dimmable INSTEON (and X10) remote control to your lamps as easy as plug and play. It's home automation at its simplest and most convenient.

Ethernet cable

Power cable

Status LED

Hub

Ethernet port

Factory reset (set button)

Power input
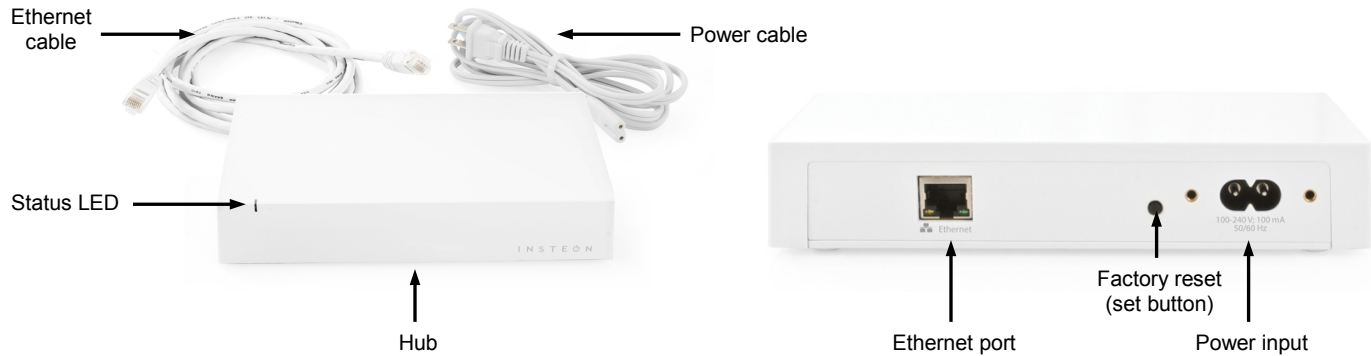
Features and Benefits

- Control your entire INSTEON network
- Receive cloud-based email and/or text alerts (leak, door, etc.)
- Setup scenes
- Run timers
- Do this all from your mobile device (iOS or Android)
- Free iOS and Android apps
- No monthly fees
- Two-year warranty

Installation

CAUTIONS 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 100-240VAC,50Hz or 60Hz, single phase. Attempting to use this product on non-approved powerlines may have hazardous consequences.
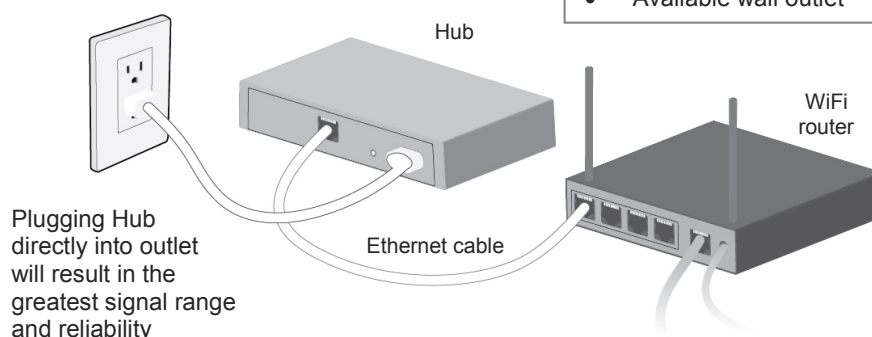
- Use only indoors or in outdoor rated box
- This product may feel warm during operation. The amount of heat generated is within approved limits and poses no hazards. To minimize heat buildup, ensure the area surrounding this product is as clear of clutter as possible.
- Each INSTEON product is assigned a unique INSTEON I.D., which is printed on the product's label.
- To reduce the risk of overheating and possible damage to other equipment, do not use this product to control loads in excess of the specified maximum(s) or, install in locations with electricity specifications which are outside of the product's specifications. If this device supports dimming, please note that dimming an inductive load, such as a fan or transformer, could cause damage to the dimmer, the load bearing device, or both. If the manufacturer of the load device does not recommend dimming, use a non-dimming INSTEON on/off switch. USER ASSUMES ALL RISKS ASSOCIATED WITH DIMMING AN INDUCTIVE LOAD.

IMPORTANT! If you have any difficulties or questions, consult an electrician. If you are not knowledgeable about, and comfortable with, electrical circuitry, you should have a qualified electrician install the product for you.

In the Box	Tools Needed	Accessories
INSTEON Hub	Android or iOS smartphone or tablet	INSTEON devices and sensors
Quick Start Guide		INSTEON IP Camera

Getting Started

Connect Hub to router using *only* the included Ethernet cable.
Then connect Hub to wall outlet (not a power strip).

What you'll need
- Available port on your router
- Available wall outlet

Plugging Hub directly into outlet will result in the greatest signal range and reliability

Hub

Ethernet cable

WiFi router

Option 1: Use Hub with Smartphone/Tablet

1) Connect your smartphone/tablet to your router via WiFi
2) Download the INSTEON for Hub app
3) Launch and follow the onscreen instructions

What you'll need
- Smartphone or tablet running iOS or Android

Once your INSTEON Hub has been configured and devices added, you may also access and have control of INSTEON devices from any browser by visiting https://connect.insteon.com

Option 2: Use Hub with INSTEON Compatible Software

Do not use this option if you are using or plan to use the Hub with the INSTEON for Hub app. HouseLinc, a powerful free software for managing INSTEON, can be downloaded from
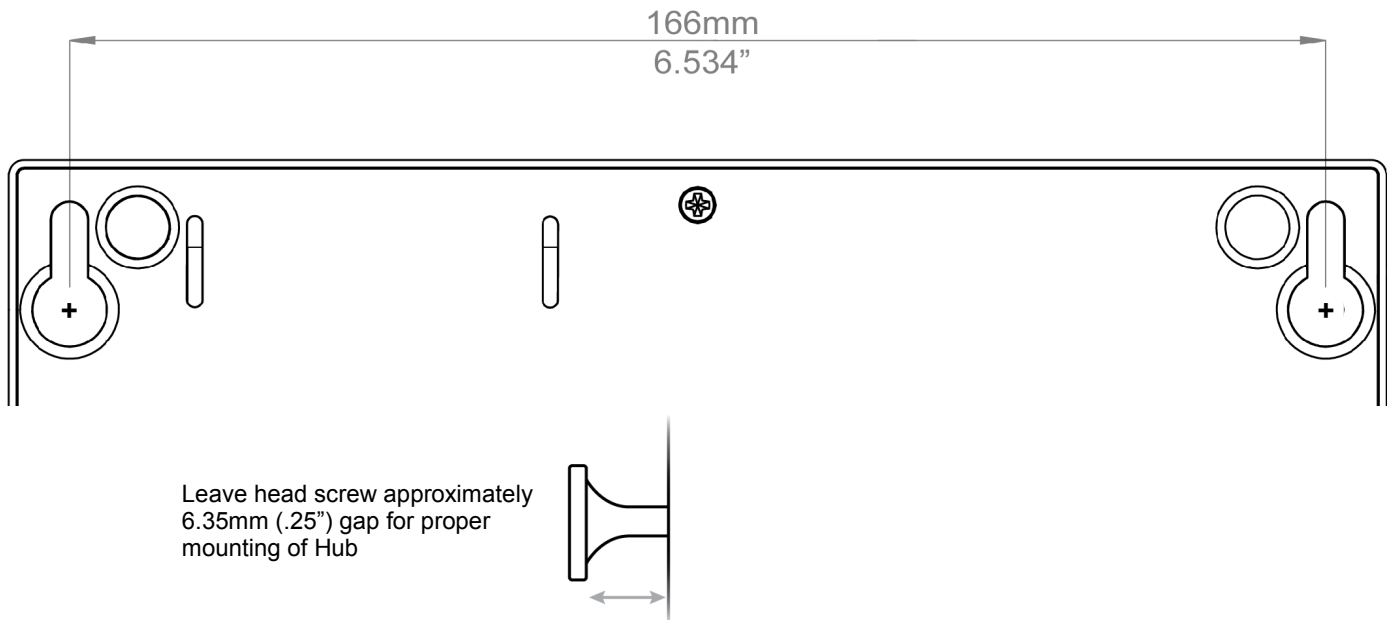www.insteon.com/houselinc.html

What you'll need
- INSTEON compatible software that supports the Hub as a computer interface
- Computer connected to the router (WiFi or Ethernet)

1) Install software
2) Follow software instructions for adding Hub as a computer interface

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Mount Hub on Wall (optional)

Simply screw two screws (we recommend using #6 drywall screws) through the marks in the drawing below (leaving head of screw about ¼" from the wall) and hang Hub on the screws (you can then tear this sheet off).

166mm
6.534"

Leave head screw approximately 6.35mm (.25") gap for proper mounting of Hub

Account Creation

Login Selection Screen

The first screen in the app when launching the application is the Login Selection Screen. You can select between one of the following:
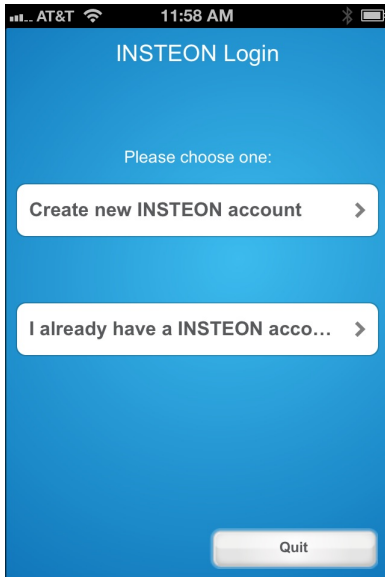
1) Create New Account
   - Select this if you do not already have an INSTEON Hub account
2) I already have an INSTEON Account
   - Select this if you have already created an existing INSTEON Hub account.

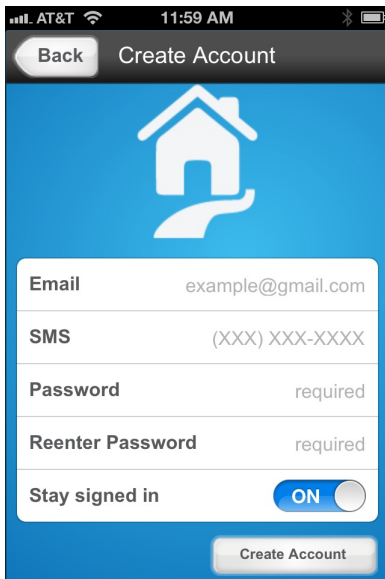### End User License Agreement
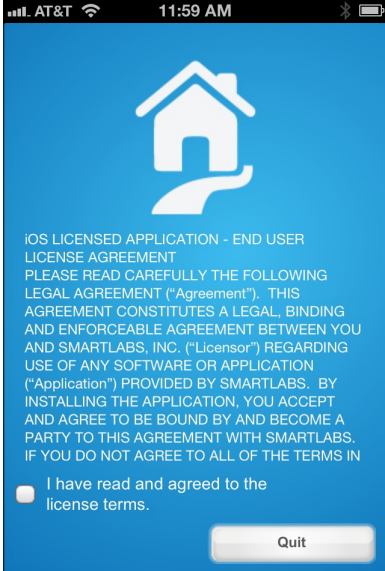
After selecting "Create New Account" from the above screen you will be taken to the End User License Agreement (EULA). After reading, tap on the text "I have read and agreed to the license terms" to check the box (lower left corner). You will automatically be taken to the next page.

NOTE: You will be unable to continue in the application without checking the box.

Create Account

Below are the following fields that the user will have to complete to create the account:

- **Email*** – the user's email address where they would like to receive alerts and notifications from the application, cloud service or device activations

- **SMS** – stands for Short Messaging Service (also known as Text Messaging). This is the mobile number where you would like to receive alerts from the application (e.g., Motion detected, Garage opened, etc).

- **Password*** – the minimum length for a password is 4 characters.

- **Reenter Password*** – re-enter the password to verify.
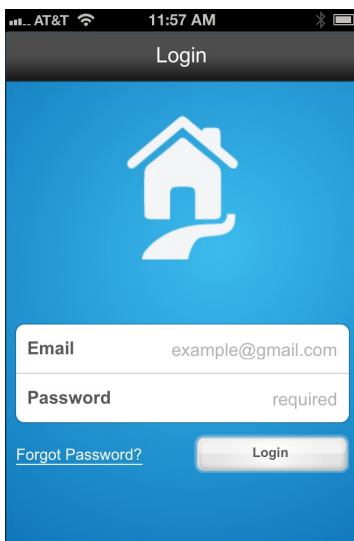
* Required field

Create Account (cont.)

When you tap the "Create Account" button you will receive two emails. One will require you to activate the account and the other will welcome you to the service. If you supplied an SMS number, a text message will also be sent and require you to reply with a four digit approval code.

When you click on the link in the email, you will be taken to the www.connect.insteon.com web page and receive a confirmation message indicating that the account has been successfully created.

Until the user approves their email and/or SMS address, they will not be able to receive alert notifications.

Login

For a customer to be able to login their existing account the following is required:

- **Email*** – this is the email that the customer used to create the account with the MyLife Cloud Service.
- **Password*** – the password that was used for the initial account creation

When the customer presses the Login button the application will send a request to the cloud service to authenticate the user and request the configuration the user has created at the cloud service.

*Required Fields

Hub Installation

After you have successfully created an account, the mobile application will begin the installation wizard for the Hub.

The Hub is the central control point for the items in the home system. The Hub sends and received communication from the cloud service as well as acts as the gateway through which the mobile applications can send and receive communication from the devices in the home.

If during this process you have any problems please see Troubleshooting section for Hub Setup.

Using INSTEON App

Navigation Bar

Settings	Allows you to edit the page you are on as well as access general settings.
Check-In	Allows you to quickly check status of sensors (motion, open/close). See "Sensor Status Indicators" to understand the different sensor states.
Scenes	Access scenes you have created. Scenes are a collection of devices that respond (on, off, 50%, etc.) to a single command.
Devices	Display all devices, sensors and cameras added in the app.
Favorites	Display all devices, sensors, scenes and cameras added in the app.
Temperature	If you have an INSTEON thermostat, the temperature will be displayed here. Tapping the icon will take you directly to the thermostat control screen.

Device and Sensor Status Indicators

Spinning	Getting status
Green	Device is on
White	Device is off / sensor is "OK"
Red	Sensor is activated
Yellow	Status is unknown

Thermostat

Control
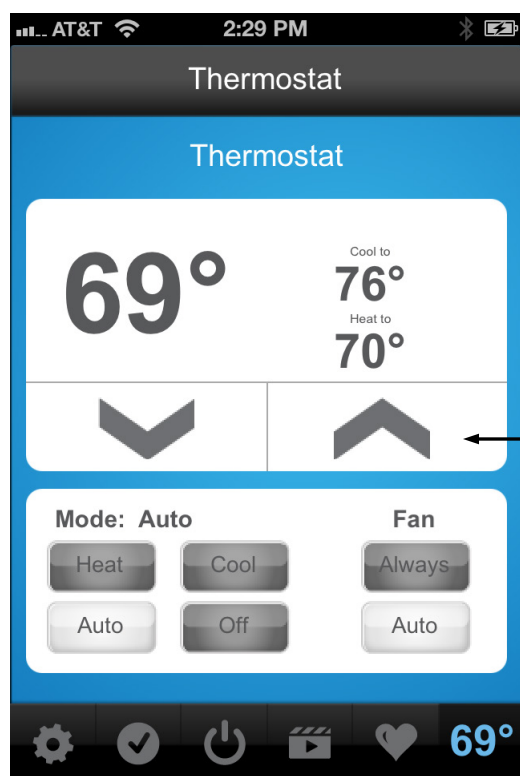
Use the up and down arrows to adjust your thermostat set points.

Edit

Name	Change name
Icon	Change icon
Room membership	Add to rooms
Scene membership	Add to scenes*
Humidity sensor	Enable if thermostat supports humidity
Main thermostat	If you have multiple thermostats, this setting allows you to choose which one will be reporting in the navigation bar
Units	Select Fahrenheit or Celsius**
* Feature coming soon *** Not currently supported for INSTEON Venstar Adapter*	

Devices

To control a device, click on its icon. If you have more than nine devices, use your finger to "swipe" to the next pages.
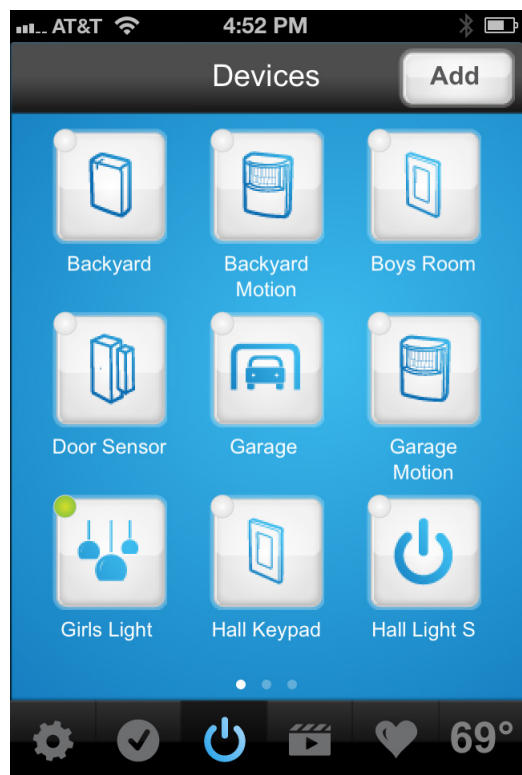
Tap a device icon to control it

Control pop-up

Choose between turning the device on or off. Tap More to enter the full device control screen for dimming and brightening.
Tap Cancel to close the window.

Full Device Control

Current status

On/Off control.
Double-tapping On or Off for dimmers will instantly turn dimmers fully on or off (bypassing any programmed ramp rate and/or on level)

Tap to increment bright/dim
Press and hold to bright/dim until released
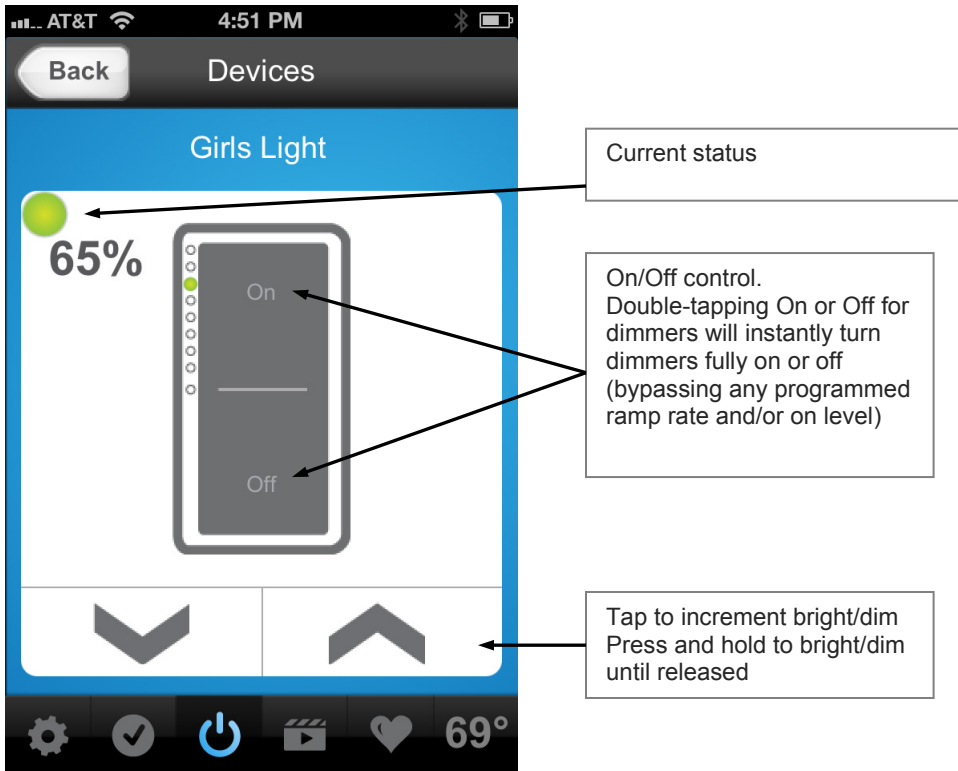
Device Settings
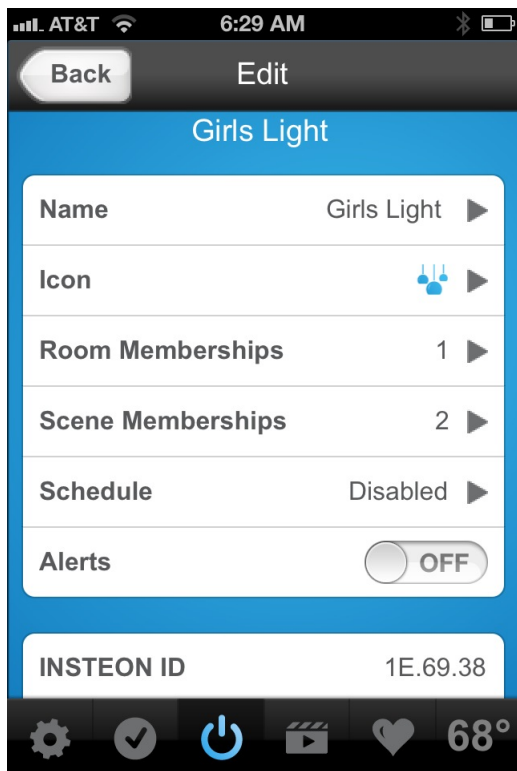
Name	Change name
Icon	Change icon
Room membership	Add to rooms
Schedule	Set a timer for the device
Alerts	Receive an alert (text message/email) when the device is activated
INSTEON ID	The devices unique identification number
Documentation	Access product documentation and setup video*
Feature coming soon	

Rooms

Add a Room

3) Tap the settings button and tap Edit Settings
4) Tap Rooms
5) Tap Add at the top right
6) Give the new Room a name, then tap Done
7) Select the room icon, then tap Add
8) Select a Device or Scene to add to room, when finished tap Done

Schedules

Devices and scenes can be activated based on time of day, day of week or by sunrise or sunset. Each device and scene can have only one timer. To create multiple timers for a device or scene, simply create a new scene.

Note: when setting the time, the app will display 12hr AM/PM. After saving it will display 24hr military time.

Follow the steps below to create a schedule:

1) From the device or scene control page, tap the settings button and select Edit This
2) Tap Schedule
3) Tap On Time and select
   - Time of Day – followed by the time
     Or
   - Sunrise/Sunset – Automatically uses the geo location times for your area (automatically configured during Hub setup)
4) Tap Done
5) Next select Off Time and select
   - Time of Day
     Or
   - Sunrise/Sunset
6) Tap Done
7) Select the days that you would like the timer to run by tapping on each day:
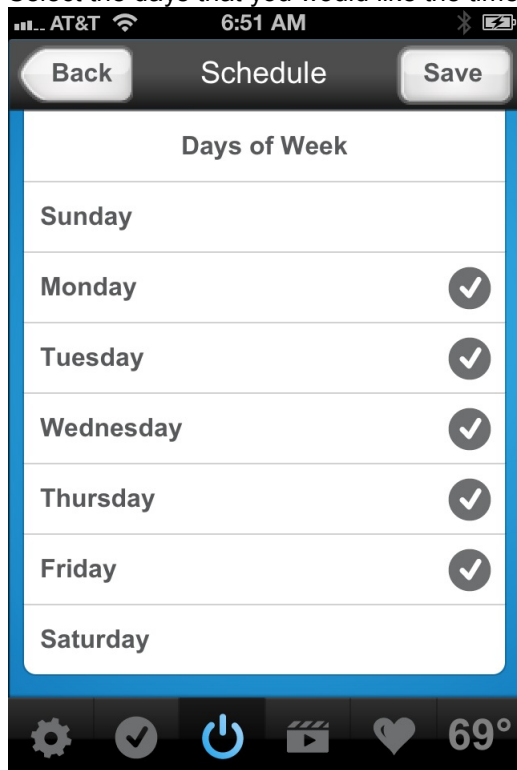
8) When finished tap Save to save your new schedule

Scenes

Scenes are a collection of devices that can each turn on, off or dim when activated from either from the app, a schedule or by activation from a motion sensor or open/close sensor.

Add a Scene

1) From the Scene page, tap Add
2) Give the new Scene a unique name, icon and room associations, then tap Done
3) Tap each device that you'd like to add to the scene, when finished tap the next button at the bottom of the list
4) Adjust the scene members by tapping each one or use the current state displayed. If you wish to also activate the scene from an INSTEON sensor, select them from the list. When finished tap Save Scene
   The app will begin linking to each scene member
   If a sensor was selected, follow the onscreen instructions for adding them to the scene as a controller
5) When finished, the app will ask if you want to turn the scene members off – this may be convenient if you have created an All Lights scene and you simply want to turn off all members.

Accessing Your Scene
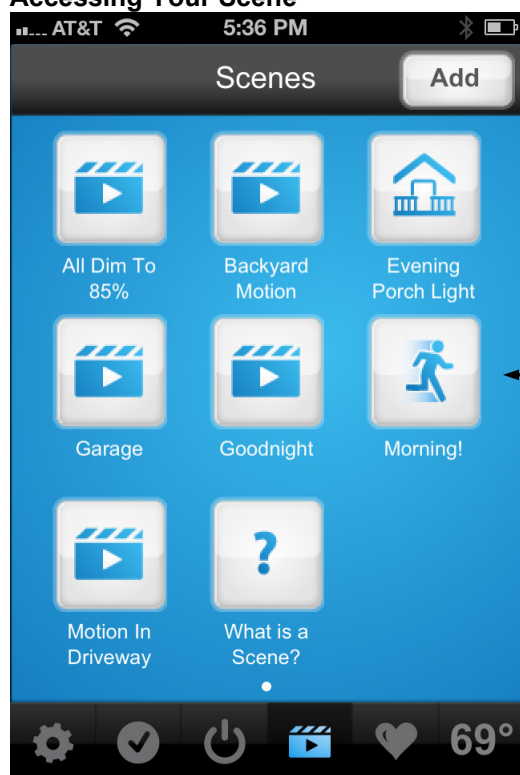
In the Scene view, tap a scene to access the control

Scene Control
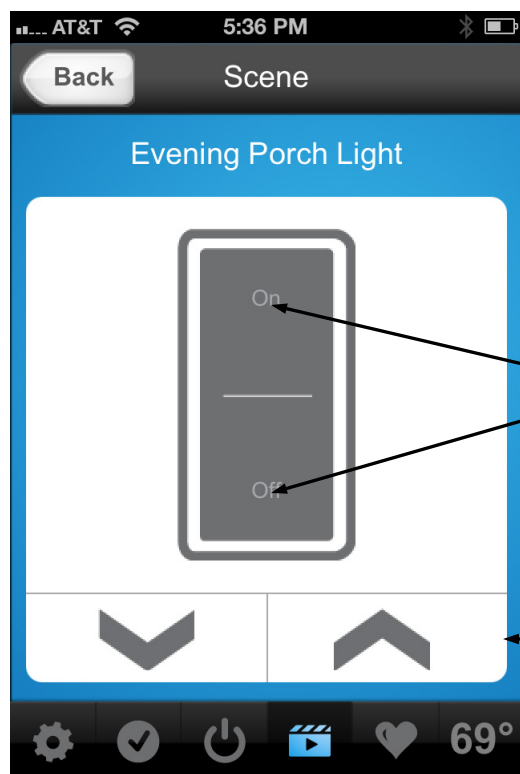
Scene control differs from regular device control since devices within a scene may be set to turn off when the scene is turned on (activated). All devices within the scene will turn off when the off button is tapped.

Double tapping the on button will turn all scene members full-on instantly regardless of programmed scene state.

Tap to increment scene bright/dim
Press and hold to bright/dim until released

Edit Scene

Scene name	Change name
Icon	Change icon
Room membership	Add to rooms
Schedule	Set a timer for the scene
Members	Displays all memberships of the scene. Tap on a device to edit the state or tap the trash can icon to remove from the scene.

Schedule
To create a schedule for your scene, please refer to the Schedules section of this manual.

Troubleshooting

Account Troubleshooting

Unable to Create Account
- Verify that the mobile device has an external connection to the internet, try going to a website through the mobile device's browser.
- Verify that the email is properly formatted (example@gmail.com).

Account Already Exists
- Verify that you are using the correct password; if unsure try the Forgot Password option.

Hub Setup Troubleshooting

The following is a list of the various screens that are displayed if there are any problems during the Hub Setup Wizard. If you are unable to resolve your issue after reviewing these solutions, please send an email to support@insteon.com and be sure to include your INSTEON Hub ID (located on the bottom of the Hub) and your username and password.

Not Connected to Wi-Fi
- Make sure the mobile device has an external internet connection. An easy way to verify that would be to try a common website from the mobile device's internet browser such as www.google.com.

- Make sure that the mobile device is associated to a WiFi network. You may have turned off wireless network association. Go to the settings section for your mobile device and allow the mobile device to connect to your local WiFi.

- Make sure "Airplane Mode" is turned off for the mobile device.

- Check to make sure the router is able to make an external connection. If you have a computer on the network, check to see if you can go to a common website through the computer's browser.

Can't Find Hub
- Make sure that you have properly connected the Hub to the router and that the Hub is powered.

- Make sure your mobile device is associated to the same local network that the Hub is physically connected to. There are some home networks that have multiple SSID's that would prevent the application from detecting the Hub if they were on different networks.

- The proper start-up sequence for the Hub is to plug the Ethernet cable to both router and Hub **THEN** apply power to the Hub.

- Verify proper LED state on the rear of the Hub. There are 2 LEDs on the rear of the Hub that are located where the Ethernet cable is plugged in. Normal operation is solid green and blinking amber. If properly connected and the LEDs are both flashing in unison then there might be an issue with the Hub itself. Try Network Reset to return network settings to factory defaults.

- Attempt to find the Hub outside of the mobile application. Point a browser to

  - https://www.connect.insteon.com/getinfo.asp

  - The web browser should show the Hub located at the URL above. Clicking on the IP address should access the Hub.

NOTE: If you see multiple entries, locate the correct Hub by INSTEON ID, printed on the underside of the Hub

- Verify that the Hub was given an IP address:
  - On the bottom of the Hub you will find the MAC Address for the Hub. This MAC Address should be in the DHCP list for the router.
  - If there is an IP address, go to that IP address in the browser.
  - If the MAC Address is not on the list, the router never assigned an IP address to that device.
    - Cycle Power to the Hub
    - Try another Ethernet cable
    - Try another Port on the Router
    - Verify the LED behavior on the Hub

Remote Access Setup Failed

The mobile app was unable to setup your Hub for remote access. When the mobile application has detected that a Hub is found on the network the application attempts to do the following:

- **Set the Port on the Hub to 25105** (this is the starting port, if this port is already in use, the application increments the port number by 1).

- **Set the DHCP to ON** – Enable

- **Create a rule** on the router to enable port 25105 to route inbound traffic. This is done through UPnP (Universal Plug n Play – network protocol that allows for devices that have UPnP enabled to configure port forward rules).

If the app displays this screen, it means that the UPnP rule has failed to be created. Please refer to the following:

- In the rare instances where remote access is not desired (ie. security concerns) then it's OK to select Skip and continue. You will be able to receive alerts and notifications but will be unable to access the Hub while outside of the Local Area Network.

- Gather the following information:
  - Router Brand
  - Router Model

  With the above information, visit http://www.portforward.com and enter the router brand and model into the search. On the returned page will be a hyperlink that says "Default Guide", click this.

  Follow the steps to:
  1. Enable UPnP
  2. Create a Port Forward Rule

When finished, return to the Remote Access Failed screen and select Try Again.

Scene Troubleshooting

If you set your device to go to a dimmed level for a scene but when activated it goes to 100% chances are your device is 2-3 years old. These devices will require an additional step during the scene setup process:

1) Go to Edit > Edit Settings > Scenes and select the scene to edit
2) Tap on the device that isn't responding to the dim level
3) Use the control panel to adjust it to the level you want for the scene
4) Go to the physical device and tap its set button (the connected light may flash)
5) Tap "Update Scene".

The scene will be updated with the older devices' scene level.

Network Reset

If you have changed your network settings and cannot connect to the Hub, try performing a Network Reset.

1) Press and hold INSTEON Hub set button until it beeps
     LED will begin blinking green
2) Slowly tap the set button six times
     On the first tap the Hub will double beep and the LED will turn to blue
     On the fifth tap the Hub will start beeping and the LED will turn green
     On the sixth tap the Hub will stop beeping and the LED will turn blue
3) Remove power from INSTEON Hub
4) Re-apply power to INSTEON Hub

Factory Reset

If you have already set up the Hub in the app, you must first delete your account prior to factory resetting the Hub. If you have added any INSTEON devices to the app, it is strongly recommended that you factory reset those devices prior to deleting your account and factory resetting the Hub.

Delete Account

1) Go to the Edit Settings page by tapping the settings button and selecting Edit Settings
2) Select Account
3) At the bottom of the page is a button Delete Account. Tap button to delete your account (this cannot be undone)

Factory Reset Hub

1) Remove power from INSTEON Hub
2) Press and hold INSTEON Hub set button. Do not let go.
3) While continuing to press and hold the set button re-apply power to INSTEON Hub
     INSTEON Hub will begin to emit a long beep
     LED will turn red
4) After beep stops, release INSTEON Hub set button
     After a few seconds, INSTEON Hub will double-beep
     LED will turn blue
     LEDs on the Ethernet jack will flash

Specifications

General	
Product name	INSTEON Hub
Brand/manufacturer	INSTEON
Manufacturer product number	2632-422 France 2632-432 Germany 2632-442 UK 2632-522 AUS/NZ
UPC	813922012613 France 813922012620 Germany 813922012637 UK 813922012644 AUS/NZ
Warranty	2 years, limited

INSTEON		
INSTEON powerline mesh repeater	Yes	
INSTEON RF mesh repeater	Yes	
INSTEON controller	Yes	
INSTEON responder	Yes	
Maximum links/scenes	400	
Load brightness levels	32 when controlled locally (256 remotely)	
LED	Green when load is on, red when load is off	
	Blinks green once when all responders acknowledge (can be disabled via software)	
	Blinks red once if responder does not acknowledge	
	Blinks red or green during setup	
	Blinks red to indicate traffic (must be enabled via software)	
Beep on button press	Beeps when button is pressed (must be enabled via software)	
LED brightness	Adjustable, from off to bright	
Local on-level	Adjustable, 32 fixed brightness levels or resume dim	
Local ramp-rate	Adjustable from 0.1 seconds to 5 seconds locally (0.1 seconds to 8 minutes via software)	
Local control	Yes	
Commands supported as controller	On	Off
	Fast-on	Fast-off
	Begin brighten	Begin dim
	End brighten	End dim
Commands supported as responder	On	Off
	Fast-on	Fast-off
	Begin brighten	Begin dim

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	End brighten	End dim
	Incremental brighten	Incremental dim
	Beep	
Software configurable	Yes	
RF range	Up to 50 meters (150 feet) open air	
Phase bridge detect beacon	Yes	
INSTEON device category	0x01 dimmable lighting control	
INSTEON device subcategory	2632-422 (France, 869.85 MHz)	0x0B
	2632-432 (Germany, 869.85 MHz)	0x0F
	2632-442 (UK, 869.85 MHz)	0x11
	2632-522 (Aus/NZ, 921.0 MHz)	0x12
X10		
X10 address	1 optional (comes unassigned)	
X10 transmitter	Yes	
X10 receiver	Yes	
X10 status response	Supported	
X10 resume dim	Supported (by setting local on-level to zero)	
X10 minimum transmit level	3.2 Vpp into 5 Ohms	
X10 minimum receive level	20mV into 5 Ohms	
X10 messages repeated	No	
Mechanical		
Mounting	AC outlet	
Wires	NA	
Screw clamp connections	NA	
Case color	White	
Set button	1	
Plastic	UV stabilized polycarbonate	
Beeper	Yes	
LED	1, RGB	
Dimensions	10cm H x 4.3cm W x 3.4cm D – France 10cm H x 4.3cm W x 3.4cm D - Germany 4cm H x 5cm W x 3.5cm D - UK 10.8cm H x 4.3cm W x 3.5cm D - AUS/NZ	
Weight	130g ±10g	
Operating environment	Indoors	
Operating temperature range	0° to 40° C / 32° to 104° F	
Operating humidity range	0-90% relative humidity	
Storage temperature range	-20° to 70° C / -4° to 158° F	
Electrical		
Voltage	100VAC to 240VAC	

Frequency	50/60Hz auto detected at power-up
Maximum load	300 W at 240V
Minimum load	N/A
Load type(s)	Lighting: Incandescent, dimmable LED, dimmable CFL, dimmable halogen
Hardwired remote control	N/A
Retains all settings without power	Yes, saved in non-volatile EEPROM
Standby power consumption	< 0.75 watts
Safety approved	CE, C-Tick
Certifications	EN 300 220-2, 301 489-3 AS/NZS 4268, CISPR 22 IEC 60669-2-1

Certification and Warranty

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 ollennaiset 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.

Certification (US)
This product has been thoroughly tested by Intertek ETL, a nationally recognized independent third-party testing laboratory. The North American ETL Listed mark signifies that the device has been tested to and has met the requirements of a widely recognized consensus of U.S. and Canadian device safety standards, that the manufacturing site has been audited, and that the manufacturer has agreed to a program of quarterly factory follow-up inspections to verify continued conformance.

FCC and Industry Canada Compliance Statement
This device complies with FCC Rules Part 15 and Industry Canada RSS-210 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 radioelectrique subi, mme si le brouillage est susceptible d'en compromettre le fonctionnement.

The digital circuitry of this device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in residential installations. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio and television reception. However, there is no guarantee that interference will not occur in a particular installation. If this device does cause such interference, which can be verified by turning the device off and on, the user is encouraged to eliminate the interference by one or more of the following measures:
  - Re-orient or relocate the receiving antenna of the device experiencing the interference
  - Increase the distance between this device and the receiver
  - Connect the device to an AC outlet on a circuit different from the one that supplies power to the receiver
  - Consult the dealer or an experienced radio/TV technician
WARNING: Changes or modifications to this device not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

ETL/UL Warning (Safety Warning)
CAUTION: To reduce the risk of overheating and possible damage to other equipment, do not install this device to control a receptacle, a motor-operated appliance, a fluorescent lighting fixture, or a transformer-supplied appliance.
Gradateurs commandant une lampe a filament de tungstene – afin de reduire le risqué de surchauffe et la possibilite d'endommagement a d'autres materiels, ne pas installer pour commander une prise, un appareil a moteur, une lampe fluorescente ou un appareil alimente par un transformateur.

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.