

Insteon 2245-222

Insteon Central Controller Hub 2245-222 User Manual

Model: 2245-222

1. INTRODUCTION

The Insteon Central Controller Hub 2245-222 serves as a central control unit for your Insteon smart home devices. It enables connectivity and management of Insteon light bulbs, wall switches, outlets, and thermostats from a smartphone, tablet, or voice-controlled devices like Amazon Alexa and Google Assistant. The hub also facilitates real-time alerts from compatible sensors, enhancing home monitoring capabilities.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- Insteon Central Controller Hub (1x)
- Ethernet Cable (1x)
- Power Cord (1x)
- Quick Start Guide (1x)

3. PRODUCT OVERVIEW

The Insteon Hub is a compact device designed for discreet placement. It features essential ports for connectivity and a status indicator.



Figure 3.1: Insteon Hub with mobile application interface. This image illustrates the hub's appearance alongside a smartphone screen showing the Insteon app, which is used to control connected smart home devices like lights.

3.1 Hub Components and Ports

Familiarize yourself with the hub's physical layout and connection points.

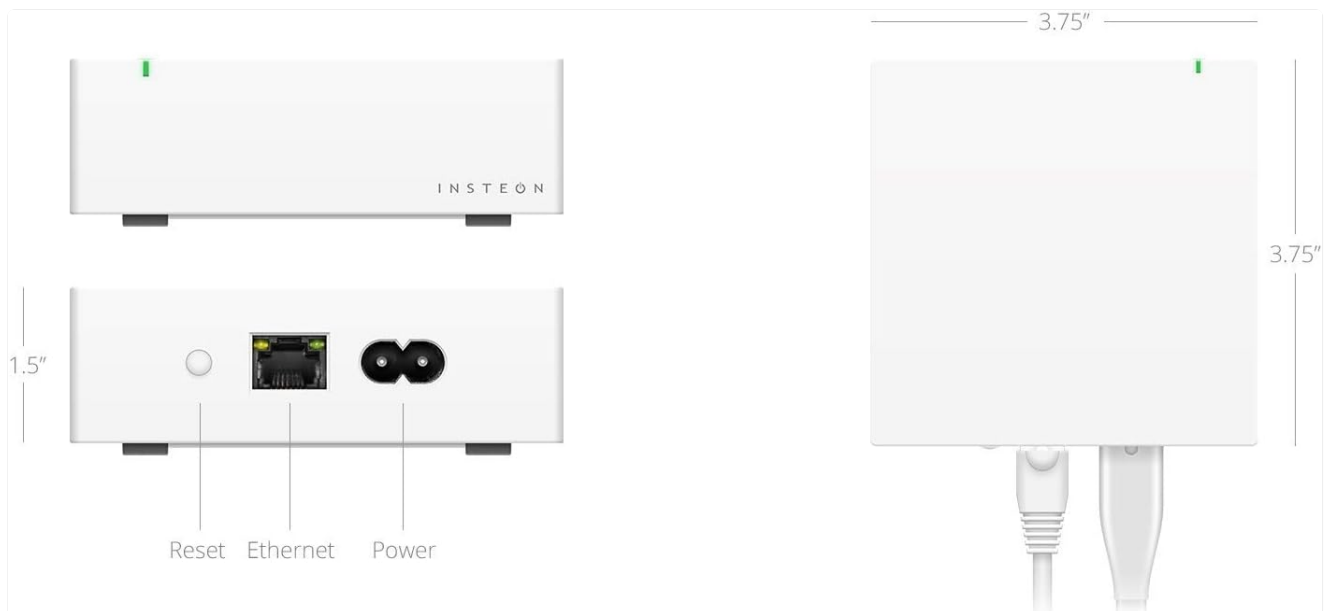


Figure 3.2: Rear view of the Insteon Hub. This image highlights the back panel of the hub, detailing the Reset button, the Ethernet port for network connection, and the Power input. Dimensions of 3.75 inches by 1.5 inches are also indicated.

- **Reset Button:** Used for factory reset or network re-initialization.
- **Ethernet Port:** Connects the hub to your home network router.
- **Power Port:** Connects the hub to the power adapter.
- **Status Indicator Light:** Provides visual feedback on the hub's operational status (e.g., network connectivity, pairing mode).

4. SETUP INSTRUCTIONS

Follow these steps to set up your Insteon Central Controller Hub.

4.1 Initial Connection

1. **Connect Ethernet Cable:** Plug one end of the provided Ethernet cable into the Ethernet port on the back of the Insteon Hub and the other end into an available LAN port on your internet router.
2. **Connect Power:** Plug the power cord into the Power port on the back of the Insteon Hub, then plug the power adapter into a standard electrical outlet.
3. **Power On:** The hub will automatically power on. Observe the status indicator light for activity. It may take a few minutes for the hub to establish a network connection.

4.2 Mobile App Installation and Account Setup

1. **Download App:** Download the Insteon Director mobile app from your device's app store (iOS or Android).
2. **Launch App:** Open the Insteon Director app.
3. **Create Account:** Follow the on-screen prompts to create a new Insteon account or log in with an existing one.
4. **Add Hub:** The app will guide you through adding your Insteon Hub. This typically involves scanning a QR code located on the hub or manually entering its ID.
5. **Connected Home Access:** Note that Insteon Connected Home Access is required for full functionality with the Insteon Director mobile app, services, and integrations.

4.3 Pairing Insteon Devices

After the hub is set up, you can begin pairing your Insteon devices.

1. **Initiate Pairing:** In the Insteon Director app, navigate to the device pairing section.

2. **Activate Device:** Follow the specific instructions for each Insteon device to put it into pairing mode (e.g., pressing a set button, cycling power).
3. **Confirm Pairing:** The app will confirm successful pairing. Repeat this process for all Insteon devices you wish to control.

4.4 Voice Control Integration

The Insteon Hub supports integration with Amazon Alexa and Google Assistant for voice control.

1. **Enable Skill/Service:** In the Alexa or Google Home app, enable the Insteon skill or service.
2. **Link Account:** Link your Insteon account to your Alexa or Google Home account.
3. **Discover Devices:** Instruct Alexa or Google Assistant to discover new devices. Your paired Insteon devices should now be controllable via voice commands.

5. OPERATING THE INSTEON HUB

Once set up, the Insteon Hub provides various functionalities for managing your smart home.

5.1 Remote Control

Control your Insteon devices from any location using the Insteon Director mobile app, provided you have an active internet connection and Insteon Connected Home Access.

5.2 Personalized Lighting Scenes and Scheduling

- **Scenes:** Create custom lighting scenes to instantly recall preferred lighting moods. A scene can control multiple devices simultaneously.
- **Schedules:** Automate devices and scenes based on specific times of day, days of the week, or even local sunrise and sunset times with adjustable offsets.

5.3 Real-Time Alerts

When integrated with compatible Insteon sensors (sold separately), the hub can send instant notifications for events such as motion detection, water leaks, or door/window openings. These alerts can be configured to be sent via email or push notifications to your mobile device.

5.4 Cloud Backup

Your system settings and device configurations are securely backed up to Insteon's servers. This ensures that your setup is preserved and can be restored if needed.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Insteon Hub.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the hub. Avoid using liquid cleaners or abrasive materials.
- **Placement:** Ensure the hub is placed in a well-ventilated area, away from direct sunlight, heat sources, and moisture.
- **Firmware Updates:** The Insteon Hub typically receives automatic firmware updates to improve performance and add new features. Ensure your hub remains connected to the internet for these updates.
- **Power Cycle:** If the hub becomes unresponsive, temporarily disconnect the power cord, wait 10 seconds, and then reconnect it.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Insteon Hub.

7.1 Hub Not Connecting to Network

- **Check Cables:** Ensure the Ethernet cable is securely connected to both the hub and your router.
- **Router Status:** Verify that your internet router is powered on and functioning correctly.
- **Restart Devices:** Try restarting your router and the Insteon Hub.
- **Indicator Light:** Observe the hub's status indicator light for network activity. Refer to the Quick Start Guide for specific light patterns.

7.2 Devices Not Pairing or Responding

- **Proximity:** Ensure the Insteon device is within range of the hub during the pairing process.
- **Pairing Mode:** Confirm that the Insteon device is correctly placed into pairing mode according to its specific instructions.
- **Power Cycle Device:** Try power cycling the unresponsive Insteon device.
- **Hub Reset:** If multiple devices are affected, a soft reset of the hub (power cycle) might resolve the issue. A factory reset (using the reset button) should be a last resort as it will erase all paired devices and settings.
- **App Reinstallation:** If the mobile app is not functioning correctly, try uninstalling and reinstalling it.

7.3 Voice Control Issues

- **Account Linking:** Verify that your Insteon account is correctly linked within the Alexa or Google Home app.
- **Device Discovery:** Ask Alexa or Google Assistant to "discover devices" again.
- **Command Syntax:** Ensure you are using the correct voice commands for your devices.

8. SPECIFICATIONS

| Feature | Detail |
|---------------------|---|
| Model Number | 2245-222 |
| Brand | Insteon |
| Item Weight | 13.6 ounces |
| Product Dimensions | 3.74 x 3.74 x 1.5 inches |
| Power Source | AC |
| Voltage | 115 Volts |
| Material | Plastic |
| Usage | Indoor use only |
| Included Components | Ethernet Cable (1x), Insteon Central Controller Hub (1x), Power Cord (1x), Quick Start Guide (1x) |
| UPC | 813922013498 |

9. WARRANTY AND SUPPORT



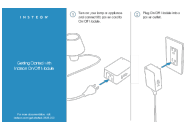


9.1 Warranty Information

The Insteon Central Controller Hub 2245-222 comes with a **2-year manufacturer's limited warranty**. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the warranty documentation included with your product or visit the official Insteon website.

9.2 Customer Support

For technical assistance, troubleshooting, or further inquiries, please contact Insteon customer support. Contact information can typically be found on the official Insteon website or in the Quick Start Guide provided with your product.

Related Documents - 2245-222

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|---|---|
|  | <p>Insteon Hub Owner's Manual: Setup, App Usage, and Troubleshooting</p> <p>A comprehensive guide to setting up and using the Insteon Hub. This manual covers initial setup, device overview, installation, downloading and using the Insteon app on iOS, Android, and Windows, hardware resets (network and factory), troubleshooting common issues, technical specifications, certifications, and product warranty.</p> |
|  | <p>Insteon Hub Owner's Manual: Setup, Operation, and Troubleshooting</p> <p>Comprehensive owner's manual for the Insteon Hub, covering setup, installation, app usage (iOS, Android, Windows), device control, troubleshooting, specifications, certifications, and warranty.</p> |
|  | <p>Getting Started with Insteon On/Off Module Insteon Smart Home Setup</p> <p>Quick start guide for setting up the Insteon On/Off Module. Learn how to connect devices, pair with the Insteon app, and unlock advanced features like schedules and scenes for your smart home automation.</p> |
|  | <p>Insteon Director Guide: Control and Monitor Your Insteon System</p> <p>Comprehensive guide to using the Insteon Director app for managing Insteon Hub 2, devices, scenes, and schedules. Learn setup, control, monitoring, and integration with voice assistants.</p> |
|  | <p>INSTEON On/Off Outdoor Module 2634-222 Owner's Manual</p> <p>Comprehensive owner's manual for the INSTEON On/Off Outdoor Module (Model 2634-222), covering installation, setup, operation, troubleshooting, specifications, and warranty information.</p> |

The logo consists of a solid blue square. Inside the square, the word "INSTEON" is written in a white, sans-serif, all-caps font, centered horizontally and vertically.

INSTEON

[INSTEON On/Off Outlet \(2663-222\) Developer Notes](#)

This technical specification provides detailed developer notes for the INSTEON On/Off Outlet (Model 2663-222). It covers communication protocols, command structures, message formats, and device specifications essential for integrating this smart home device into custom applications and systems.