

INSIGNIA™

## QUICK SETUP GUIDE

# Smart In-Wall Switch

NS-CH1XIS8 / NS-CH1XIS8-C

We recommend that you use a professional electrician to install the in-wall switch. For information about electrical specifications, see *ELECTRICAL REQUIREMENTS*.

## PACKAGE CONTENTS

- Smart In-Wall Switch
- Face plate
- Mounting screws (2)
- Wire nuts (4)
- Quick Setup Guide

Before using your new product, please read these instructions to prevent any damage.

## FEATURES

- Remotely control a light with a smartphone or tablet
- Set schedules and timer to automate your home
- Designed for quick installation
- Insignia Connect app (for Apple and Android) controls your home devices

## SYSTEM REQUIREMENTS

- Home Wi-Fi network
- Insignia Connect app (free download at [connect.bestbuy.com/setup](http://connect.bestbuy.com/setup))  
The Insignia Connect app tracks status information for all your Insignia smart home devices in one place. Signing into a Best Buy account is required for remote access and to keep your data secure.
- To control this HomeKit-enabled accessory, iOS 10.3.2 or later is recommended  
Compatibility: iOS 10.3.2 or later  
Android 6.0.1 Marshmallow or later

## ELECTRICAL REQUIREMENTS

You must have:

- A neutral wire inside your light switch's wall box
- A light that can only be controlled by one switch

## OTHER SMART HOME APPS

You can also control your Smart switch with the Amazon Alexa (not available in Canada), Google Assistant, or Apple Home app. Follow the instructions provided with these apps to connect.

**Your HomeKit Code:**

HomeKit code sticker

Both the Insignia Connect app and Apple Home apps provide HomeKit functionality and Siri support. Controlling this HomeKit-enabled accessory automatically and away from home requires an Apple TV with tvOS 10.2.2 or later and iPad with iOS 10.3.1 or later set up as a home hub. The Insignia Connect app will let you control your smart plug anywhere.

## YOU'LL NEED:

- Screwdriver
- Electrical tape

## SAFETY INFORMATION

- Install and/or use in accordance with appropriate electrical codes and regulations.
- Exercise extreme caution when installing the device and always turn off electrical power at the main circuit breaker before removing or installing devices.
- The controllable in-wall switch should only be connected and used to control lighting and never used to supply power to, or control the on/off status of any other equipment.
- The in-wall switch is intended for dry, indoor use only.

## INSTALLING YOUR SWITCH

- 1 Before installing, connect a mobile device to your Wi-Fi network, then hold it next to where you plan to install your new switch. Make sure that the Wi-Fi signal is strong at that location before continuing.

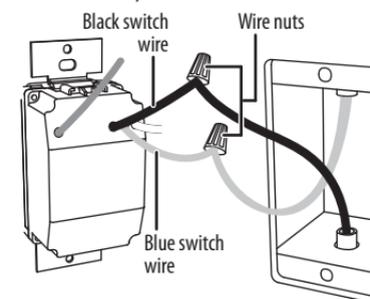


- 2 **WARNING: DISCONNECT POWER.** Turn off power at the circuit breaker. Failure to do so can result in severe injury or death.
- 3 Remove the old switch's wall plate and mounting screws.

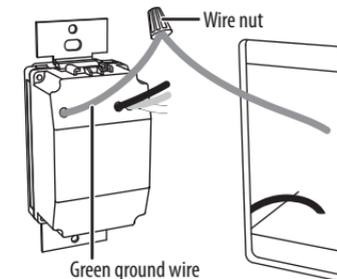
- 4 Pull the old switch from the wall box and identify the wires attached to it:
  - **Neutral wire** – Usually inside the wall box with a wire nut on the end. Not all light switches have this wire. DO NOT install the switch without this wire. This wire is typically white.
  - **Line wire** – Typically a black wire that often comes from the bottom of the wall box.
  - **Load wire** – Typically a red or black wire that often comes from the top of the wall box. This is the wire that connects to your light.
  - **Ground wire** – Normally a copper or green color. You can still install the switch if you don't have this wire.

**Tip:** Take a picture of the old switch's wiring for later reference.

- 5 Disconnect your old light switch.
- 6 Use a wire nut to connect the black wire from your switch to the line wire (typically black) in the wall box. This wire must always have power to it.
- 7 Use a wire nut to connect the blue wire from your switch to the load wire in your wall box (typically a red or black wire).



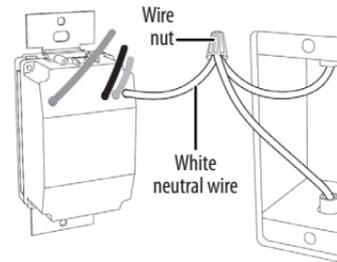
- 8 If you have a ground wire, attach it to your switch's green wire with a wire nut.



**OR**

If you don't have a ground wire, cover your switch's green wire with a wire nut or electrical tape.

- 9 Unscrew the wire nut holding the neutral wires (typically white) together, add the switch's white neutral wire, then screw the wire nut back on.



- 10 Wrap electrical tape around the wire nuts to make sure that the conductors are covered.

- Push the wires back in and to the sides to clear room for the switch.
- Screw the switch into the wall and attach the wall plate.
 

**Notes:**

  - If your switch is installed in a row of multiple switches, you will need to purchase a new face plate.
  - Metallic wall plates may block the Wi-Fi signal from the switch.
- Turn your circuit breaker on. The switch's LED blinks green.

## SETTING UP YOUR IN-WALL SWITCH

Install your switch before following these instructions.

- Connect your mobile device to a Wi-Fi network.
- Type **connect.bestbuy.com/setup** in the search bar of your device's browser and follow the on-screen instructions to download the app.
- Open your app and follow the on-screen instructions to complete setup.
 

**Note:** If you plan to access your switch on multiple devices, you must sign into the same Best Buy account.

## USING YOUR SWITCH

### LED indicator:

- Solid green:** Switch is connected to the internet and turned on
- Blinking green:** Switch is not connected to the internet
- Off:** LED is disabled in the app or switch is not turned on or receiving power

### If your switch does not respond after pressing the reset button:

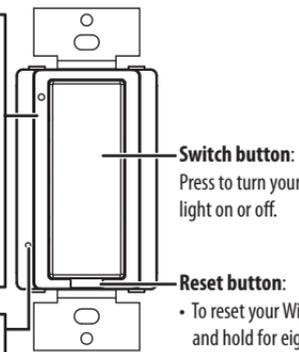
- Remove the wall plate.
- Insert a paper clip into the pinhole and press for two seconds.
- Press and hold the reset button for 15 seconds to factory reset.
- Replace your wall plate.

**Note:** The hardware reset hole can't be accessed with the wall plate attached.

## USING YOUR APP

Use your Insignia Connect app to:

- Control lights remotely
- Set schedules and a timer



**Switch button:**  
Press to turn your light on or off.

**Reset button:**

- To reset your Wi-Fi, press and hold for eight seconds. The LED will start blinking.
- To reset to factory defaults, press and hold for 15 seconds. The LED will be solid and then start blinking. The switch will toggle internally and you will hear a soft click sound.

## SPECIFICATIONS

- Dimensions (WxHxD):** 1.69 × 2.64 × 1.68 in. (43 × 67.1 × 42.7 mm) (not including mounting yolks)
- Electrical Rating:** 15A, 120V AC, 60Hz
- Resistive:** 1800W
- Tungsten:** 960W
- Electronic Ballast:** 500VA
- General Use**

## TROUBLESHOOTING

| PROBLEM   | POSSIBLE SOLUTIONS  |
|---|---|
| <b>The app or Wi-Fi cannot find the in-wall switch.</b> | <ul style="list-style-type: none"> <li>Make sure that your mobile device and the in-wall switch are connected to the same Wi-Fi network and your network is working properly.</li> <li>Reset your in-wall switch. Press and hold the reset button for 15 seconds. The LED flashes green and the in-wall switch resets after releasing.</li> <li>If you are using a metal wall plate, it may be blocking the Wi-Fi signal. Use a plastic wall plate.</li> <li>Make sure you are using a 2.4GHz Wi-Fi network. A 5GHz network will not work.</li> </ul> |

| PROBLEM  | POSSIBLE SOLUTIONS  |
|--|---|
| <b>I can't find the app.</b>                       | <ul style="list-style-type: none"> <li>Search for "Insignia Connect" on the Apple App store or Google Play. Your device must have iOS 10 or later or Android 6.0.1 Marshmallow or later.</li> </ul>   |
| <b>I can't turn lights on or off with the app.</b> | <ul style="list-style-type: none"> <li>If you are using multiple mobile devices, make sure that you've signed into the same Best Buy account on all your devices.</li> <li>Use the physical in-wall switch to make sure that the switch and light are working.</li> </ul> |
| <b>I can't configure the in-wall switch.</b>       | <ul style="list-style-type: none"> <li>Press and hold the reset button for 10 seconds. The LED flashes green and the in-wall switch resets after releasing.</li> </ul>  |
| <b>LED does not turn On.</b>                       | <ul style="list-style-type: none"> <li>Make sure that the LED is not deactivated in the app.</li> <li>Make sure that your switch is receiving power.</li> </ul>   |
| <b>How do I do a Factory Reset?</b>                | <ul style="list-style-type: none"> <li>To reset to factory defaults, press and hold the reset button for 15 seconds until the LED blinks.</li> </ul>  |

## LEGAL NOTICES

### FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

### FCC Caution

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

**Note:** This equipment 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 a residential installation. 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 communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### CAUTION:

To assure continued FCC continued FCC compliance: Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

### Industry Canada Compliance

### IC Statement

This device complies with Industry Canada's licence exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause interference; and (2) This device must accept any interference, including interference that may cause undesired operation of the device. This equipment complies with IC radiation exposure limits set forth

for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

### CAN ICES-3 (B) NMB-3(B)

Cet appareil radio est conforme au CNR-247 d'Industrie Canada. L'utilisation de ce dispositif est autorisée seulement aux deux conditions suivantes : (1) il ne doit pas produire de brouillage, et (2) l'utilisateur du dispositif doit être prêt à accepter tout brouillage radioélectrique reçu, même si ce brouillage est susceptible de compromettre le fonctionnement du dispositif. Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

Use of the Works with Apple HomeKit logo means that an electronic accessory has been designed to connect specifically to iPod touch, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

## ONE-YEAR LIMITED WARRANTY

Visit [www.insigniaproducts.com](http://www.insigniaproducts.com) for details.

## CONTACT INSIGNIA:

For customer service, call 877-467-4289 (U.S. and Canada) or 01-800-926-3000 (Mexico) [www.insigniaproducts.com](http://www.insigniaproducts.com)

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