CRAFTMADE™

WCSD-100 Smart on/off Dimmer Switch Installation Guide

CRAFTMADE SMART

⚠ WARNING:
RISK OF ELECTRIC SHOCK

This product installation requires
handling 120 volt wiring.
Follow each step carefully.
If any concerns handling wiring,
hire a qualified electrician.
Ensure all work meets local and
federal regulations.

Simple DIY Setup

- Install your Craftmade Smart Switch.
- Download the Craftmade Smart app.
- Add your Craftmade Smart Switch
  the Craftmade Smart app.

CRAFTMADE SMART

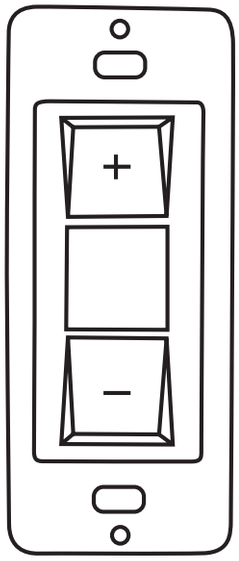
GET IT ON Google Play

Download on the App Store

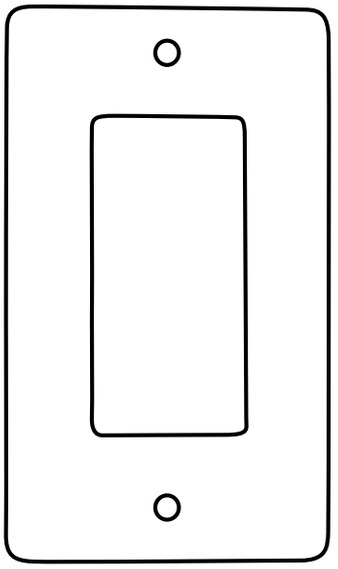
Compatibility Requirements

- Rating 120V AC 60Hz.
- Neutral wire required (wire is usually white or gray).
- Ground wire required (wire is usually green, green with yellow stripe, or bare copper).
- Wi-Fi 802.11 b/g/n @ 2.4 GHZ is required.
- Works with compatible LED bulbs.
- LED up to 150 watts.
- Incandescent/Halogen up to 450 watts.

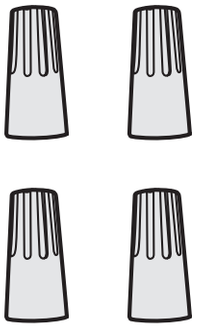
Parts Included



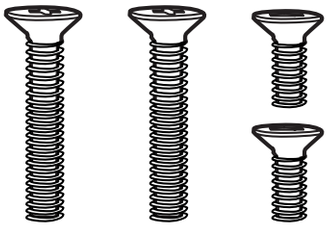
Switch



Wall Plate



4 Wire Nuts



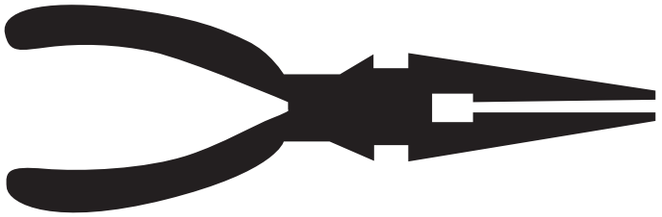
4 Mounting Screws

Line | Load | Ground | Neutral

Wire Labels

Tools you will need

Philips Screwdriver



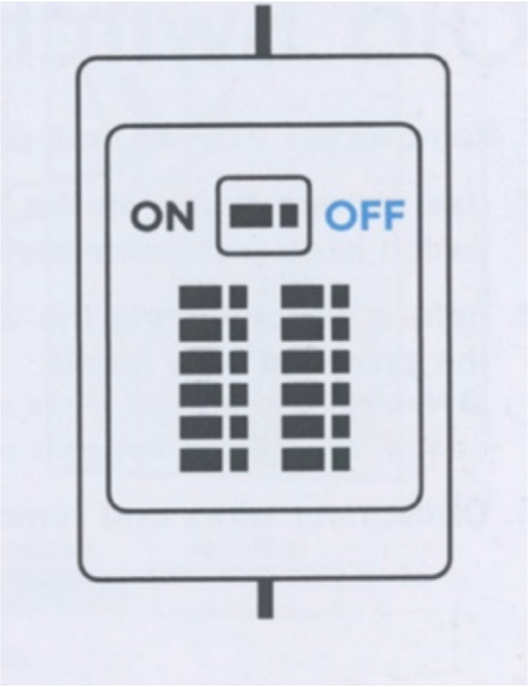
Needle Nose Pliers
(Recommended)

Voltage Tester
(Recommended)

Allow 30 minutes to perform installation.

Step 1 - Turn off the Power!

- Turn off the power for the switch location at the circuit breaker box.
- Test existing switch by toggling switch on/off, ensuring the lights do not turn on.
- Now, follow these setup steps for a single gang switch.



Step 2 - Remove your old switch

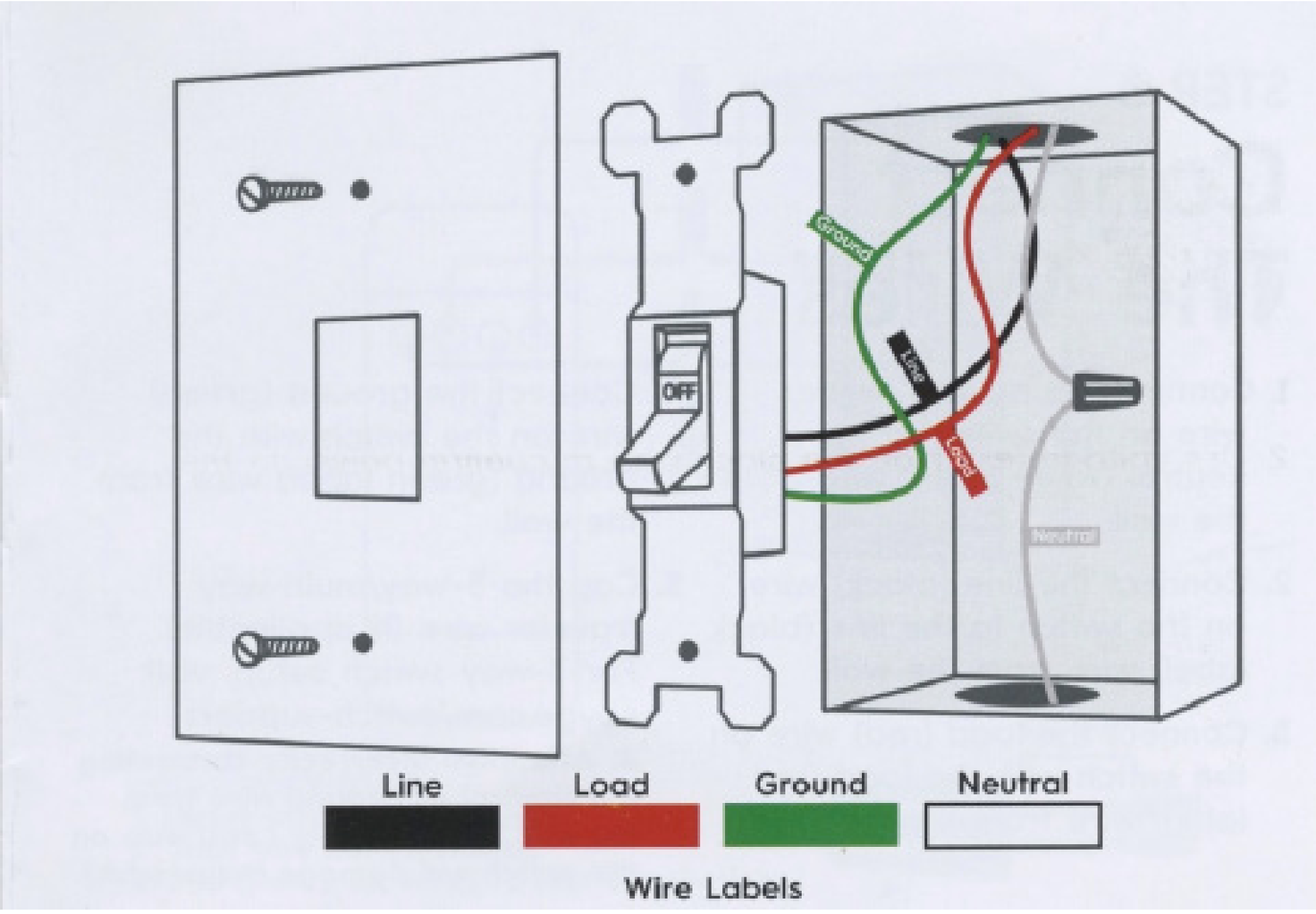
1. Remove the existing wall plate and switch from the wall.

2. Use voltage tester on the black wire to confirm power to the switch is off (recommended)

3. Before disconnecting the wires from the wall, label each with the provided wire labels.
    a. Attention: Neutral and ground wires are required. If you don’t have either wire, the Craftmade Smart Switch cannot be installed.

4. Disconnect wires and remove the existing switch.

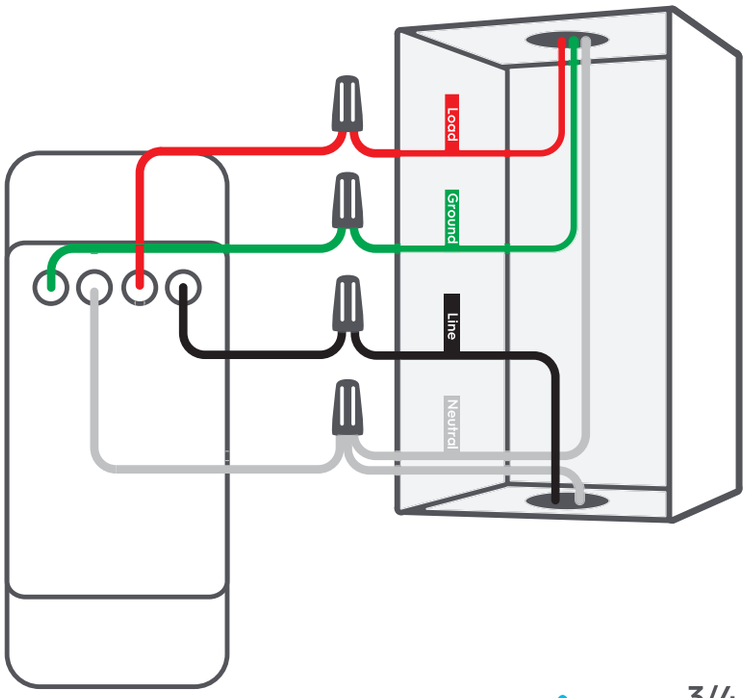
Step 2 - Remove your old switch



Step 3 - Connect the Wires

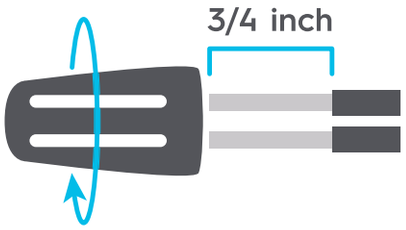
1. Connect the neutral (white) wire on the switch to neutral (white label) wire from the wall.
2. Connect the line (black) wire on the switch to the line (black label) wire from the wall.
3. Connect the load (red) wire on the switch to the load (red label) wire from the wall.
4. Connect the ground (green) on the switch to the ground (green label) wire from the wall.

Step 3 - Connect the Wires



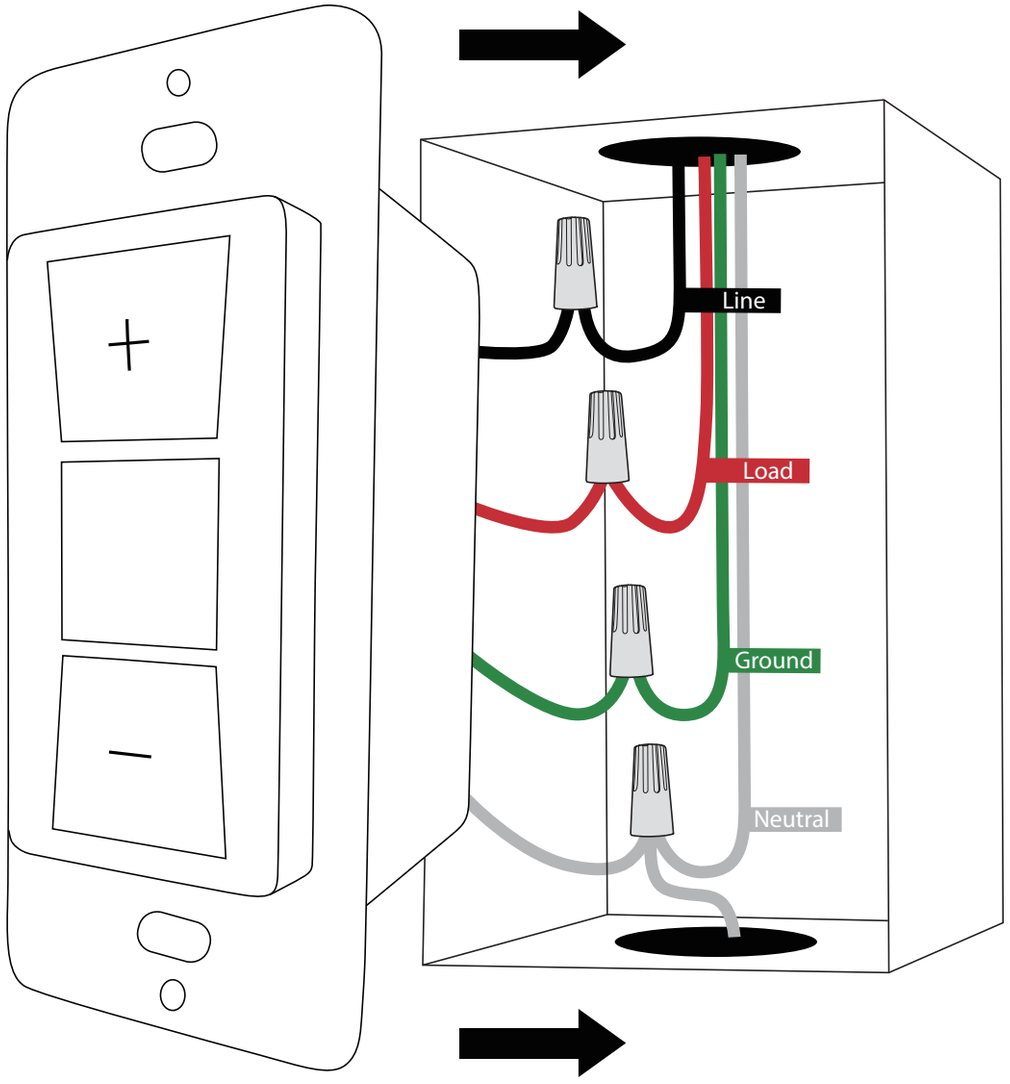
USING WIRE NUTS

1. Insert wires into wire nut.
2. Turn wire nut clockwise.
3. Pull gently on wires to test connection.



Step 4 - Fit wire into wall box

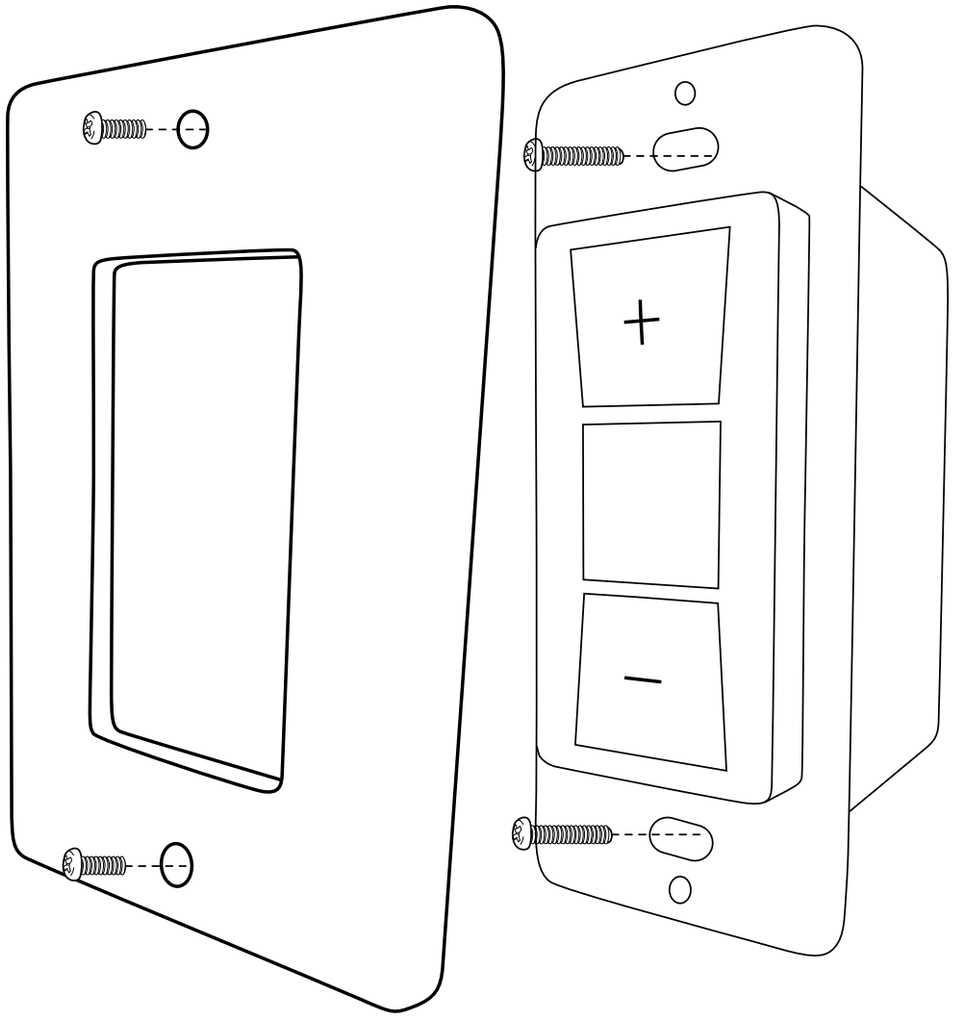
1. Neatly push the wires back into the box, rotating the switch so it’s oriented according to the image.



Step 5 - Secure the Switch

1. Using a Philips screwdriver and screws provided, secure the switch to the wall until level and flush.

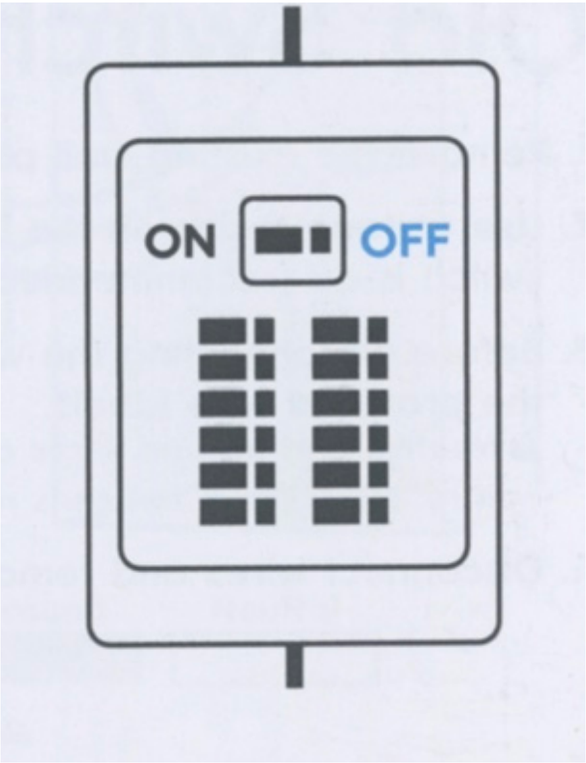
2. Screw on the faceplate onto the switch.



Step 6 - Turn the Power Back On

1. After the switch is secured and the faceplate mounted, turn the power back on at the circuit breaker box.

2. At the switch, a green light will begin flashing inside the button indicated the device is wired correctly and the device is in setup mode.



Step 6 (continued)

The green light will continuously flash until the switch is added to the Craftmade Smart App. If you need to start the process again to add to the Craftmade Smart App, you can depress the on/off paddle button for 5 seconds. The green light will begin blinking again. When the light stops blinking and stays solid the process has begun.

The light will not illuminate if wired incorrectly.

IF LIGHTS DO NOT TURN ON:

1. Check that power to the switch is on at the breaker.
2. Turn power off at the breaker, return to the switch to confirm the wires are securely and properly wired according to the instructions guide.

Congratulations!

You've completed the
Craftmade Smart Switch installation.

Next...

- Download the Craftmade Smart app
- Add your Craftmade Smart Switch to the Craftmade Smart app
- Set up your Alexa, Google voice assistant or Home Kit (optional)

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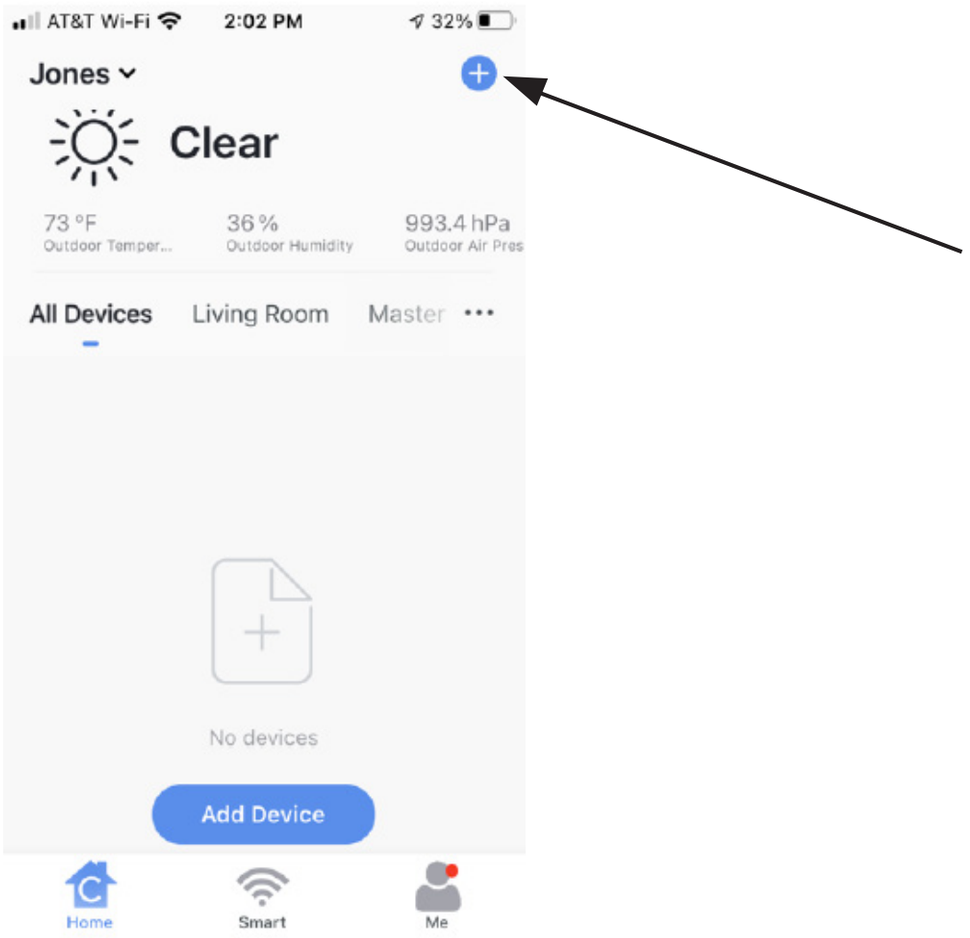
Alternate Connection Procedure

Smart mode networking

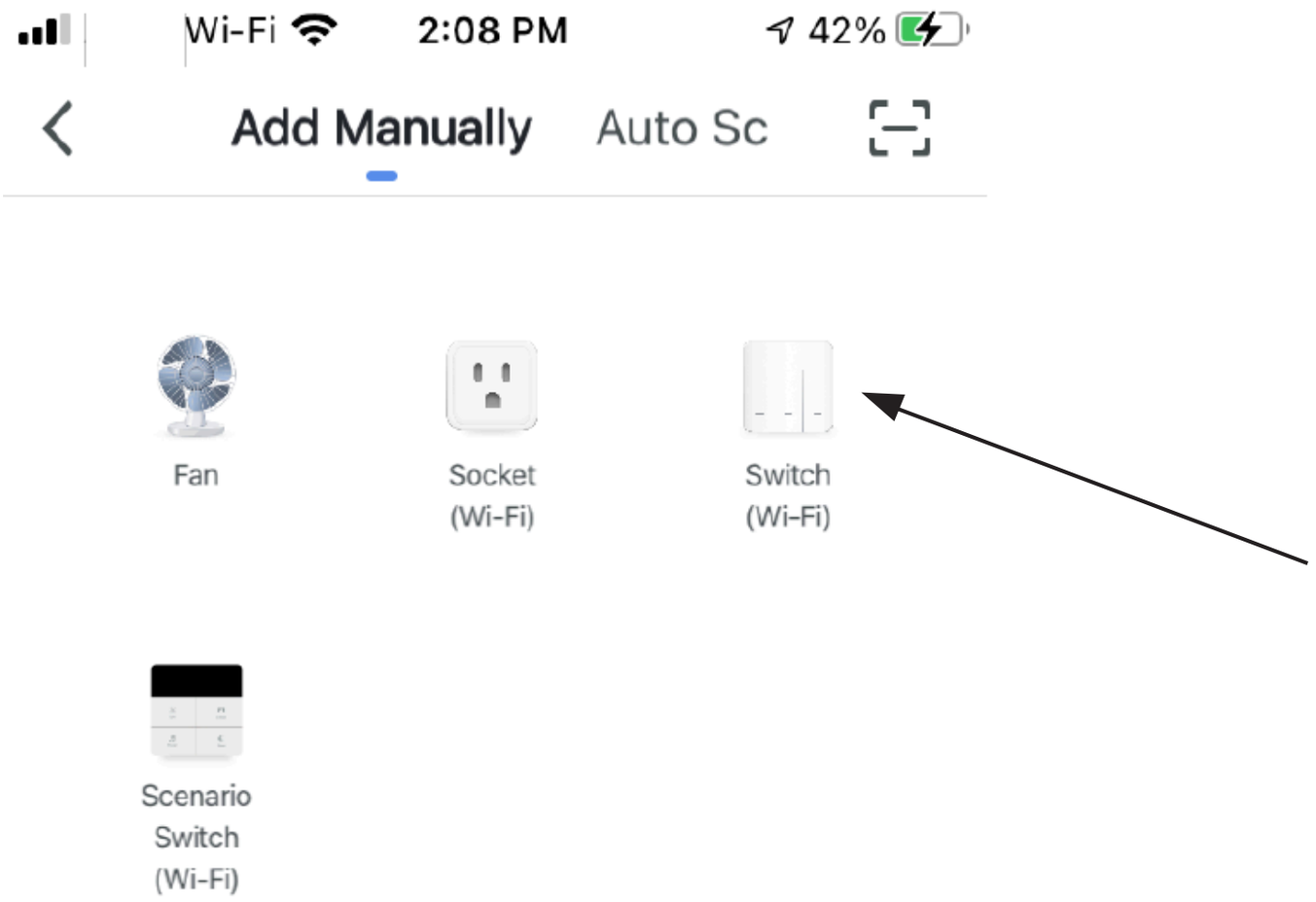
Preconditions: Connect to the load, reset state (reset state at load mode and the white light will flash, long press switch 5S to reset the load)

1. Click “+” in the upper right corner (or click Add Device)



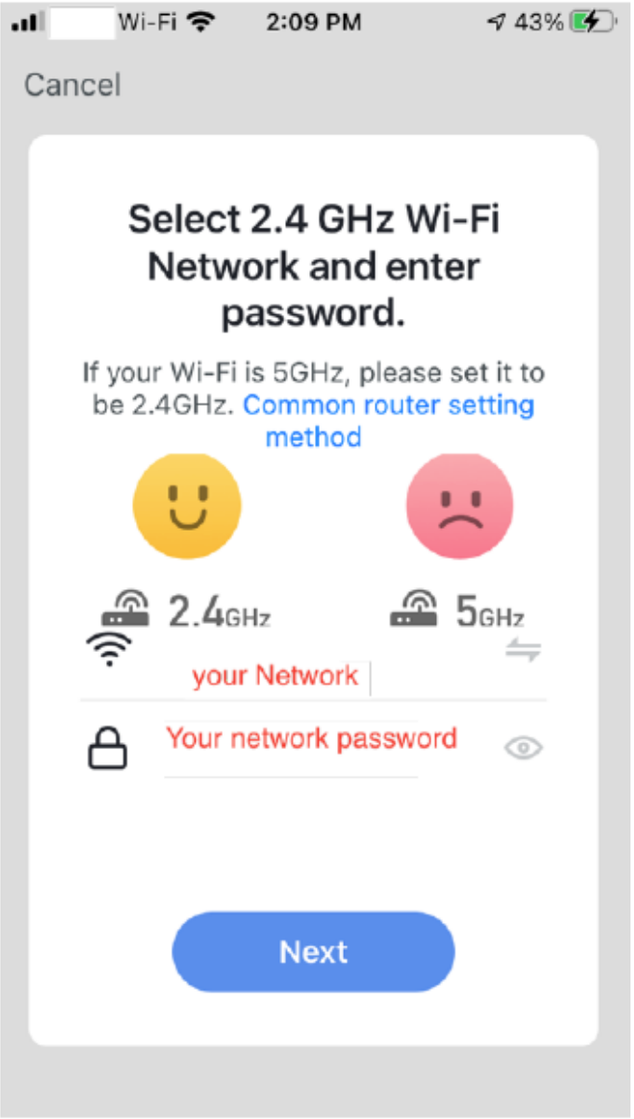
Alternate Connection Procedure (continued)

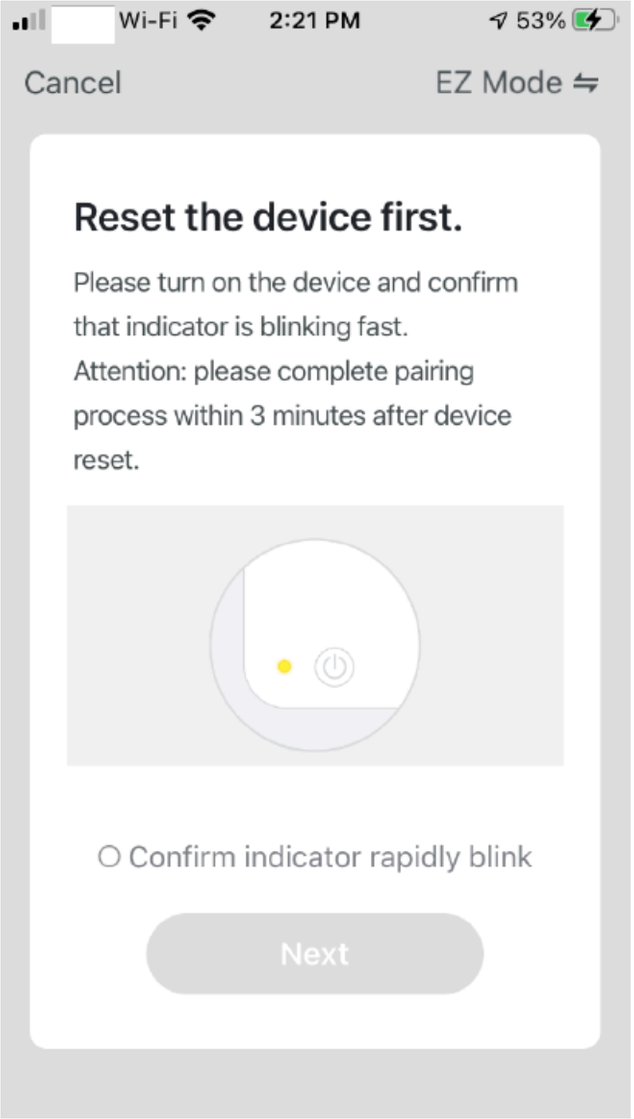
2. Select the device type as Switch (Wi-Fi)



Alternate Connection Procedure (continued)

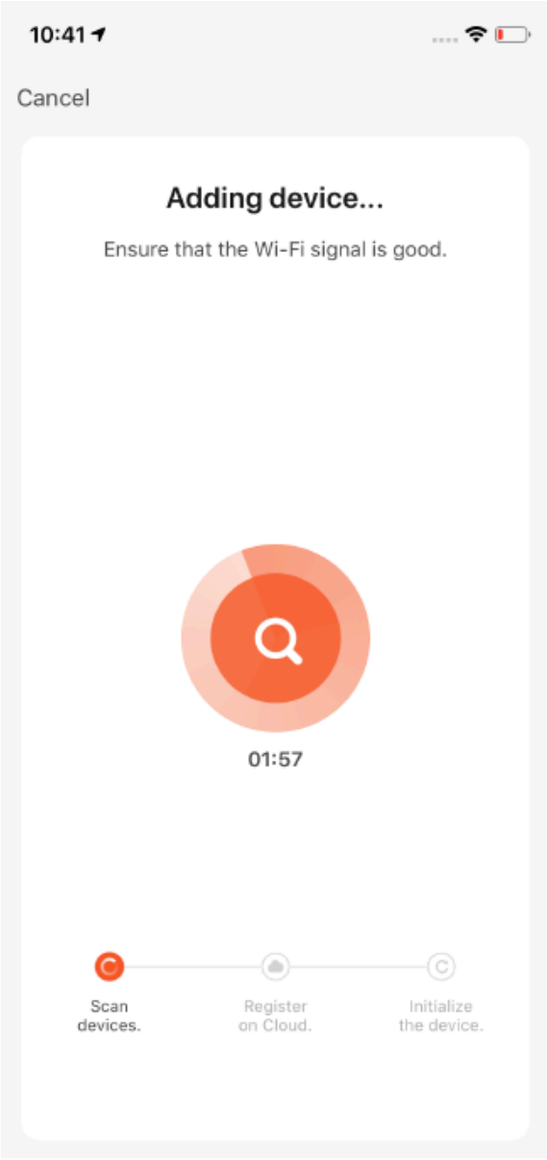
3. Connect to Wi-Fi, enter the password of Wi-Fi account, and click “Next”.





Alternate Connection Procedure (continued)

4. The network is being distributed.

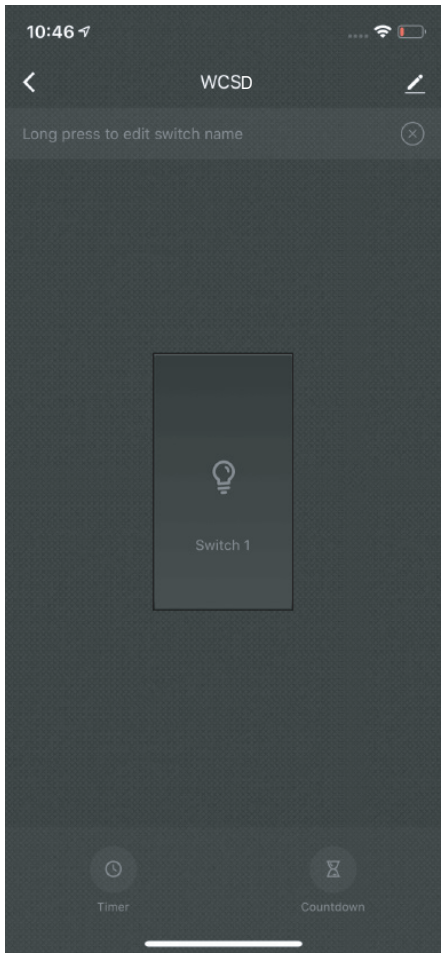


Alternate Connection Procedure (continued)

5. Your device should show successfully added.

Alternate Connection Procedure (continued)

6. Enter the device control page.



Additional Information and Warnings

FCC Compliance Statement Compliance Notice:

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.

This device complies with part 15 of FCC rules. Operation is subject to the following two conditions.

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications that are not expressly approved by the manufacturer could void the user’s authority to operate the equipment.

CAN ICES-3 (B)/NMB-3(B)
Model: model no WCSD-100
Certification number, 8351A-WCSD100

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1.L'appareil ne doit pas produire de brouillage;
2.L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

To maintain compliance with the RF exposure guidelines, place the product at least 20cm from nearby persons.

Pour rester en conformité avec les consignes d'exposition aux RF, placez le produit à au moins 20 cm des personnes proches.

CAUTION: FOR CONTROL OF INCANDESCENT OR LED LUMINAIRES ONLY.

ATTENTION : POUR LA COMMANDE DE LUMINAIRES A INCANDESCENTS OU LED SEULEMENT

1. 1 Gang: 450 W incandescent or 150 W LED load, 2 Gang: 350W incandescent or 150 W LED load, 3 Gang: 300W incandescent or 150 W LED load. 1 Gang: 450 W de charge LED incandescente ou 150 W, 2 Gang: 350W incandescent ou 150 W decharge LED, 3 Gang: 300W incandescent ou 150 W de charge LED.
2. CAUTION: To Reduce the Risk of Overheating And Possible Damage To Other Equipment, Do Not Install To Control A Receptacle, A Motor-Operated Appliance, A Fluorescent Lighting Fixture, Or A Transformer-Supplied Appliance. ATTENTION: Pour réduire le risque de surchauffe et Dommages possibles à d'autres équipements, Nepas installer pour commander un réceptacle, un appareil à moteur, un luminaire fluorescent ou un appareil fourni par un transformateur.

RF Exposure information:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 8 inches during normal operation.

RF Exposure statement:

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This transmitter must be installed to provide a separation distance of at least 8 inches from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter.

Déclaration d’exposition aux RF:

Cet équipement est conforme aux limites d’exposition aux rayonnements IC RSS-102 définies pour un environnement non contrôlé. Cet émetteur doit être installé de manière à fournir une distance de séparation d’au moins 8 pouces de toutes les personnes et ne doit pas être colocalisé ou fonctionner en conjonction avec toute autre antenne ou émetteur.

CAUTION – To reduce the risk of overheating and possible damage to other equipment. Do not install to control a receptacle or motor-operated appliance or transformer-suppled appliance.

For supply connections, use copper wire only rated at 75 degrees C.

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