




## CRAFTMADE WCS-100 Smart On/Off Switch Installation Guide

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CRAFTMADE WCS-100 Smart On/Off Switch



### **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.

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## Simple DIY Setup

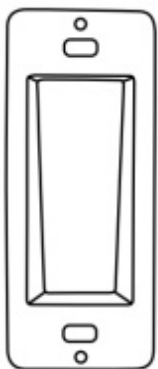
- Install your Craftmade Smart Switch.
- Download the Craftmade Smart app.
- Add your Craftmade Smart Switch the Craftmade Smart app.



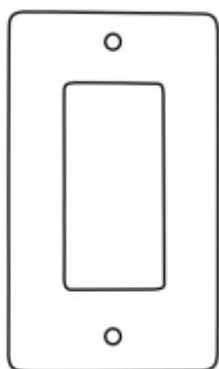
## Compatibility Requirements

- 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 600 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)

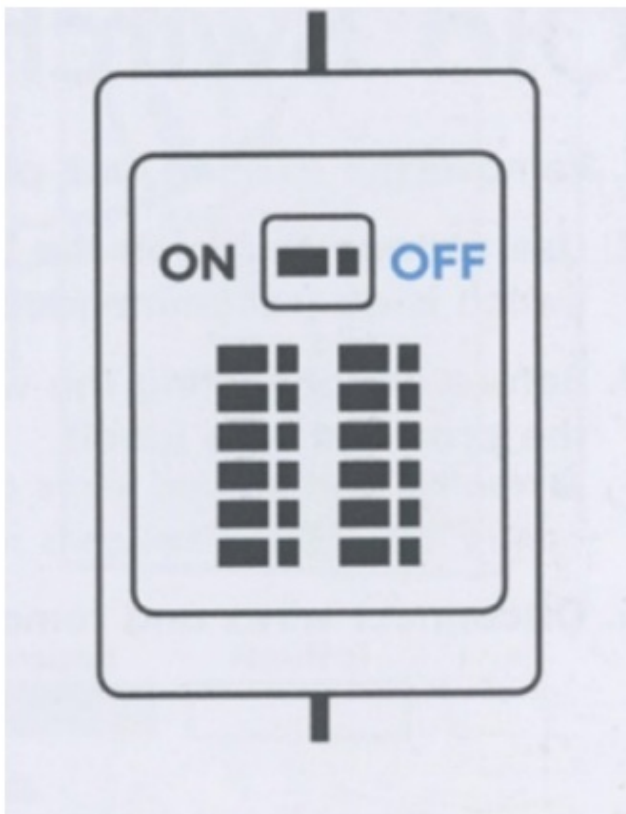


Voltage Tester  
(Recommended)

Allow 30 minutes to perform installation.

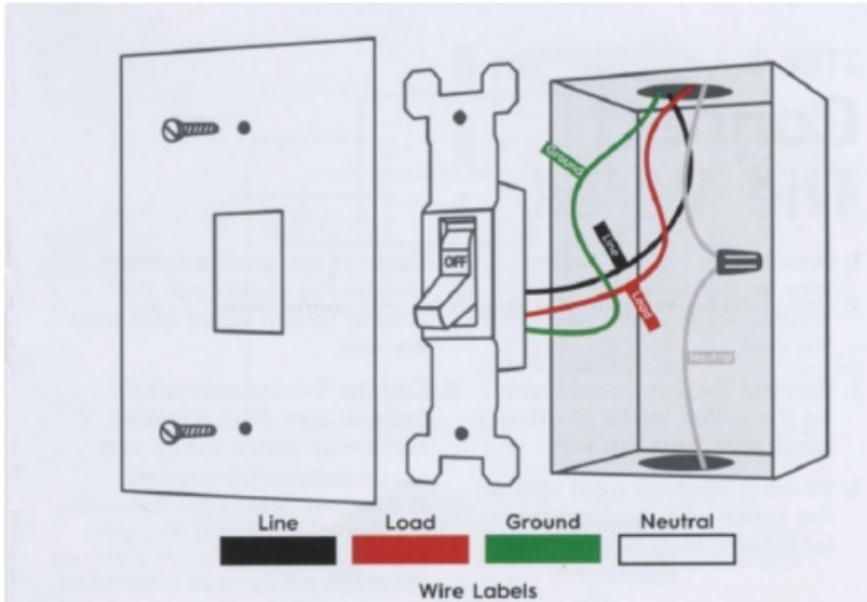
### Step 1 – Turn off the Power!

- 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.



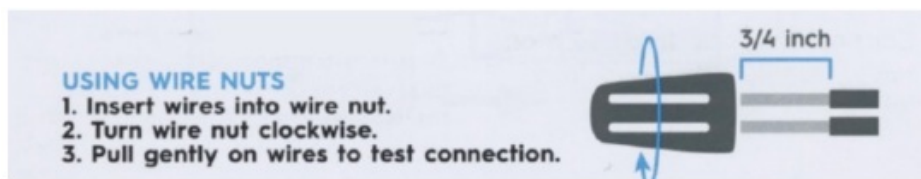
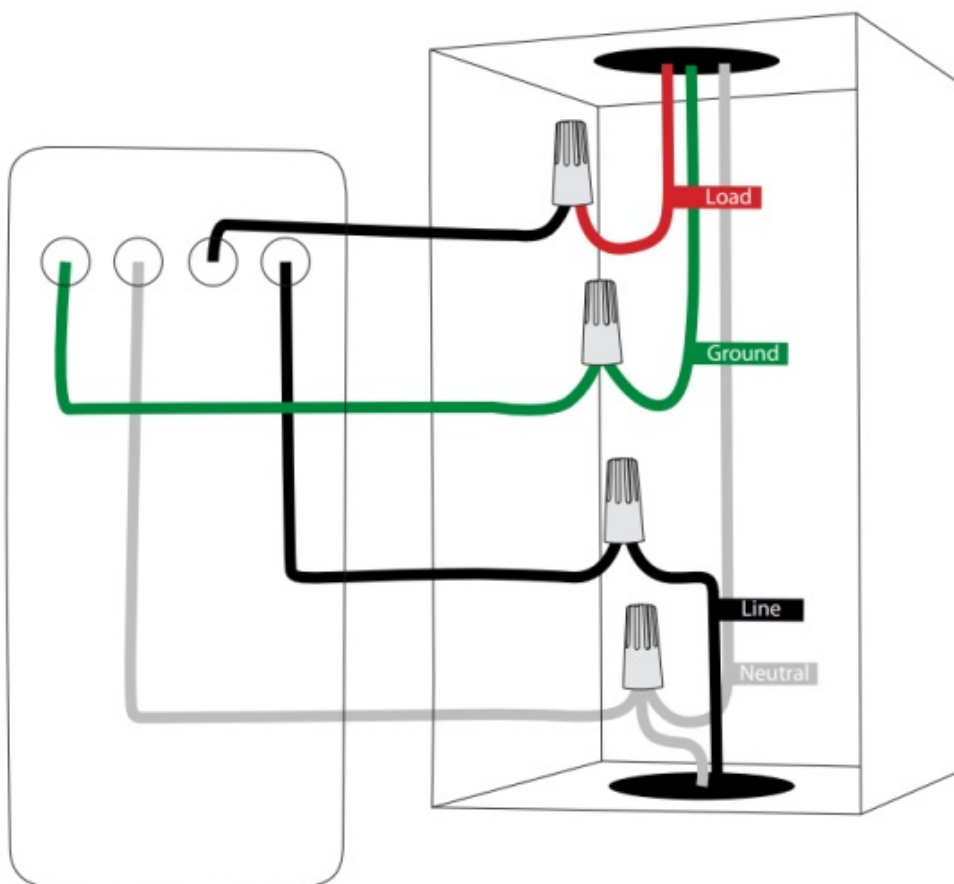
## Step 2 – Remove your old switch

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.



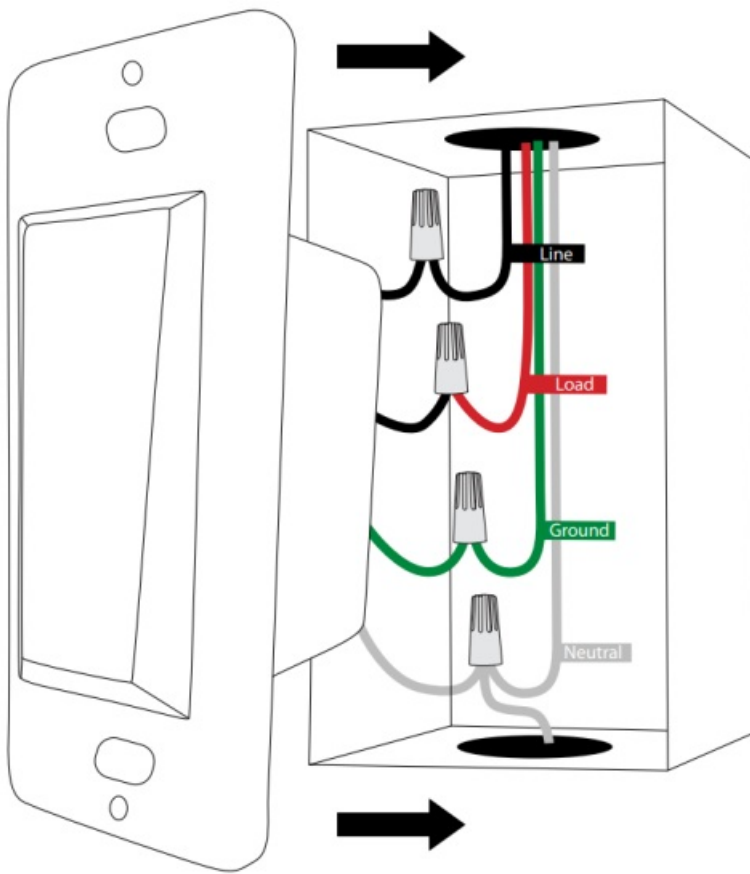
## Step 3 – Connect the Wires

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 (black) 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.



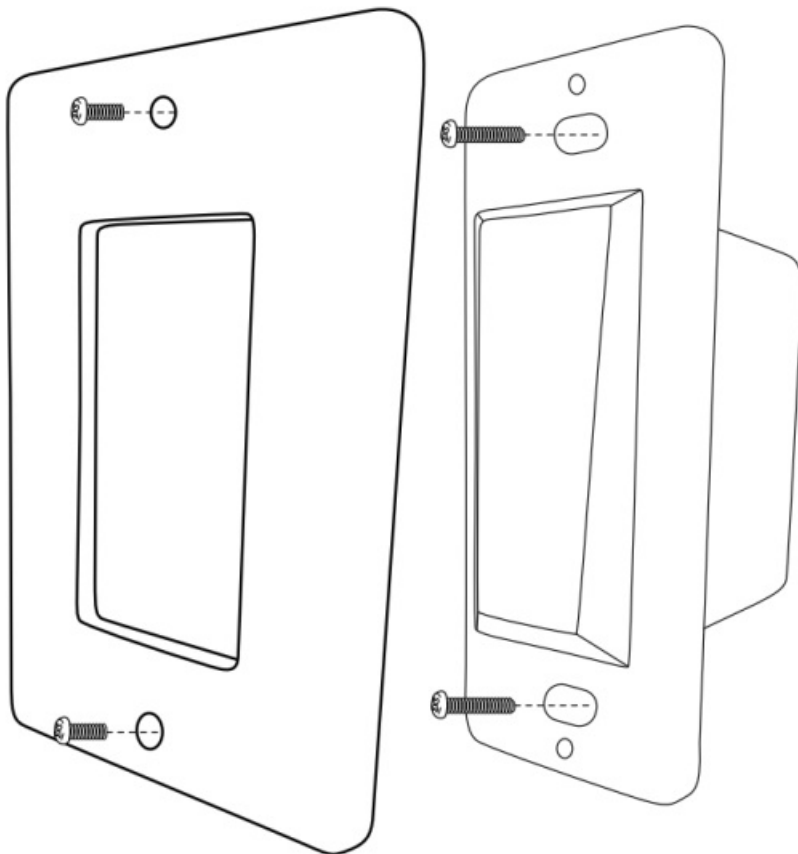
#### Step 4 – Fit wire into wall box

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



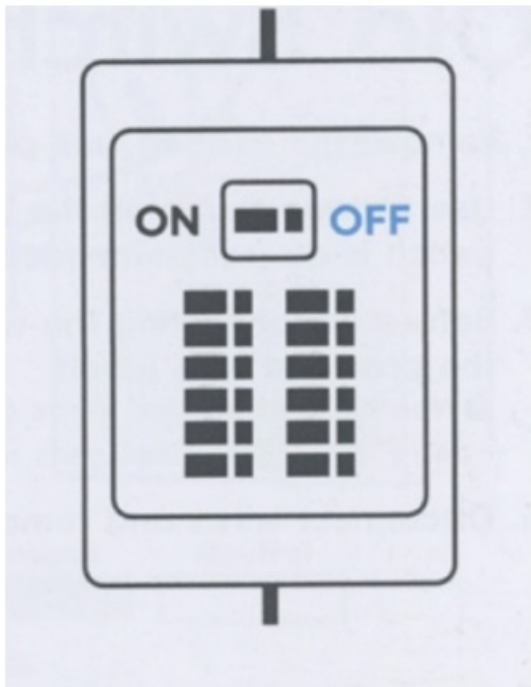
### Step 5 – Secure the Switch

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.



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)



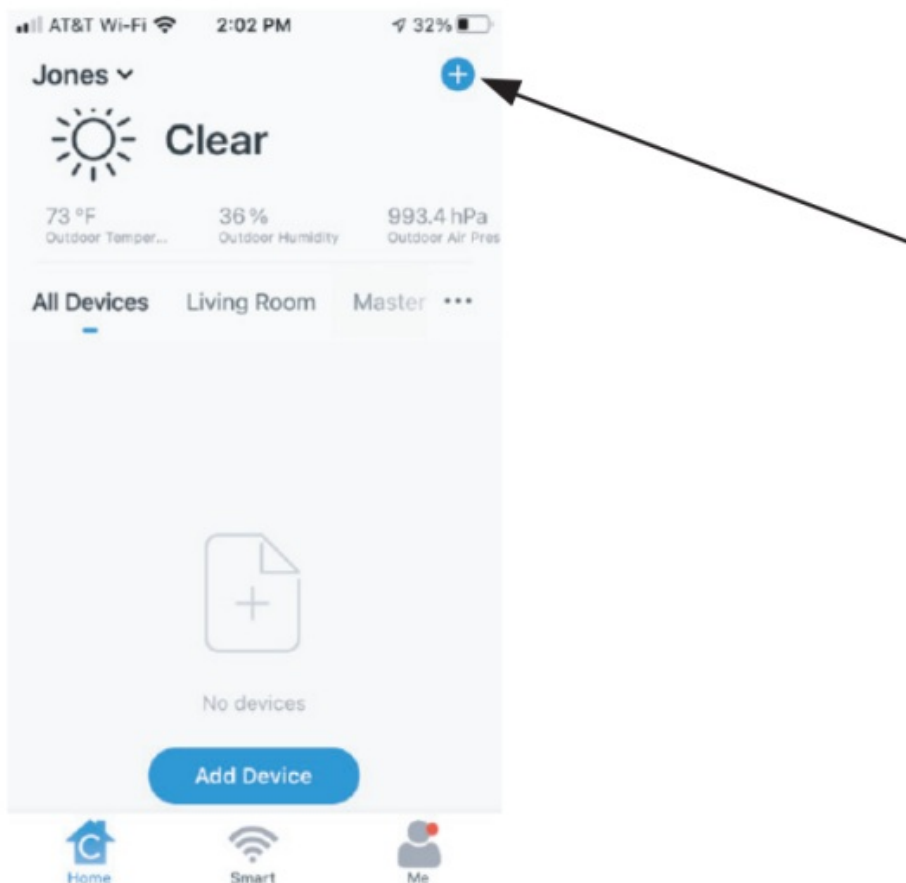


## Alternate Connection Procedure

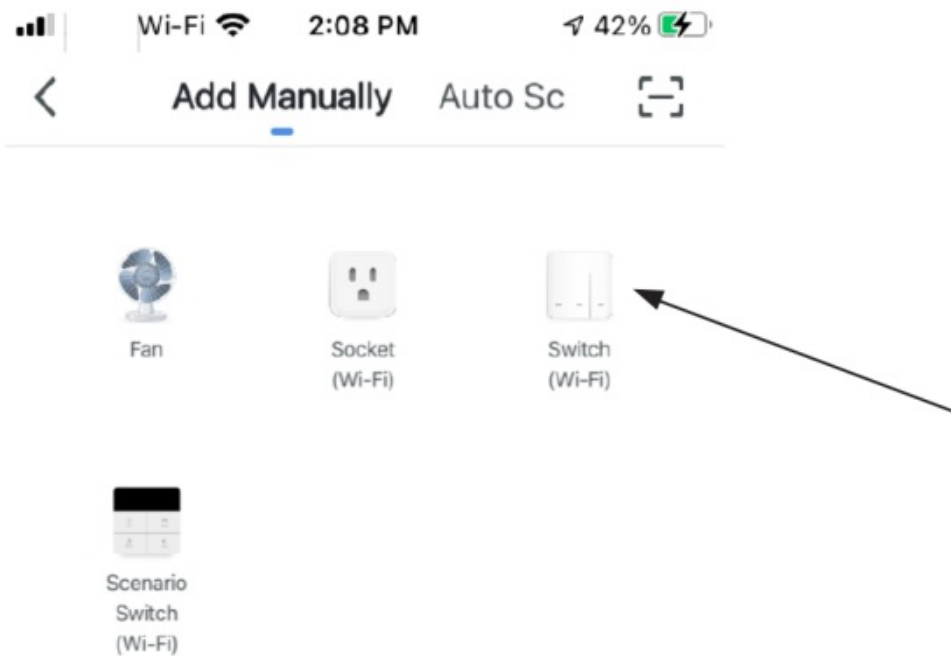
### Smart mode networking

**Preconditions:** Connect to the load, reset state long press switch 10S to reset the load)

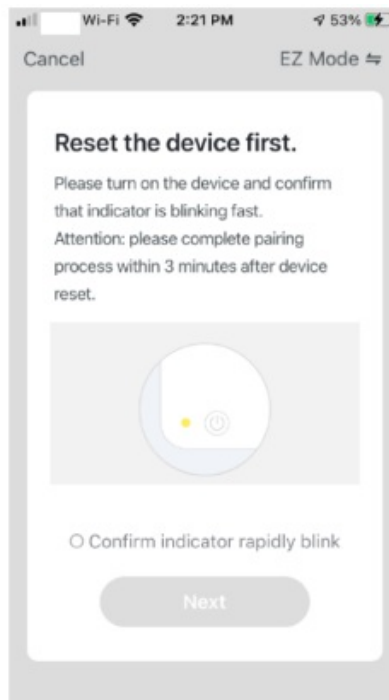
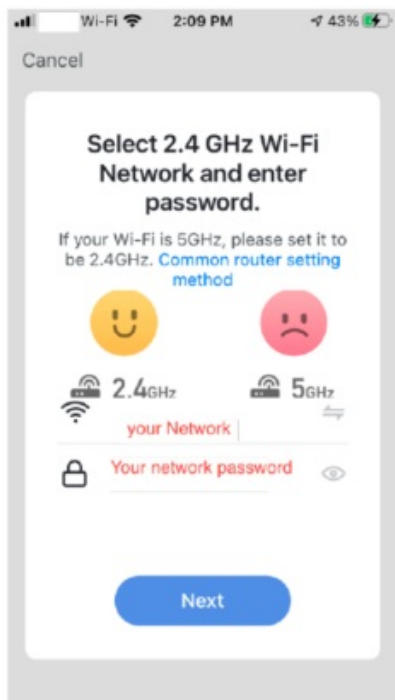
1. Click “+” in the upper right corner (or click Add Device)



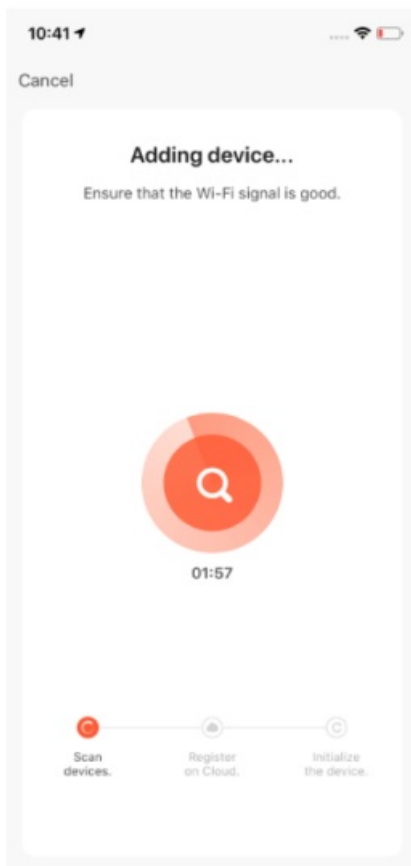
2. Select the device type as Switch (Wi-Fi)



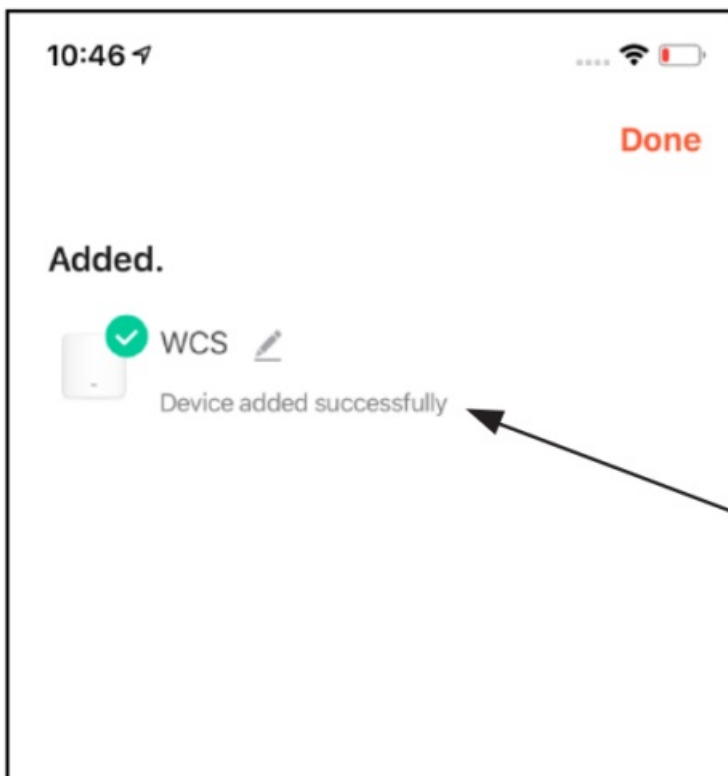
3. Connect to Wi-Fi, enter the password of Wi-Fi account, and click “Next”.



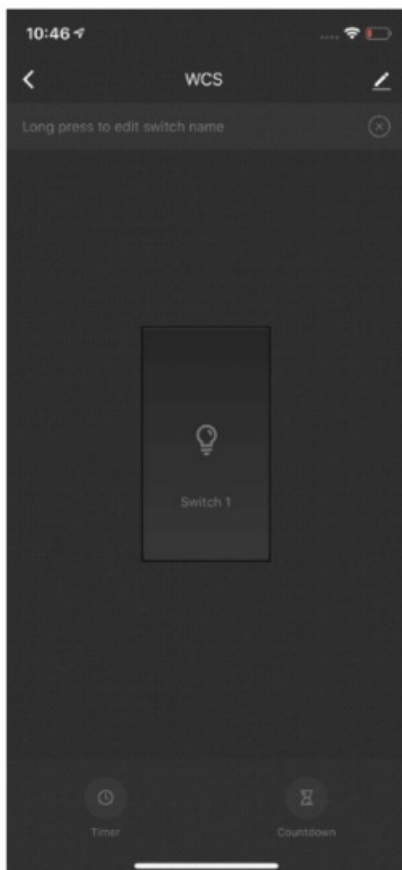
4. The network is being distributed.



5. Your device should show successfully added.



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(8)

Model: model no WCS-100

Certification number, 8351A-WCS100

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.

**CAUTION:** FOR CONTROL OF INCANDESCENT OR LED LUMINAIRES ONLY.

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

1. Purpose of CONTROL: MANUAL CONTROL
2. Method of providing earthing of CONTROL: Ensure the grounding cable connect to the earth. e grounding cable length is 185mm.
3. ACTION: type 1.B ACTION; MICRO-DISCONNECTION on OPERATION
4. CONTROL POLLUTION DEGREE: POLLUTION DEGREE 2
5. RATED IMPULSE VOLTAGE: 2500V TENSION

**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.

**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-supplied appliance.  
For supply connections, use copper wire only rated at 75 degrees C.

# CRAFTMADE™

## Documents / Resources

<p>CRAFTMADE</p> <p>WCS-100 Smart on/off Switch Installation Guide</p> 	<p><a href="#">CRAFTMADE WCS-100 Smart On/Off Switch</a> [pdf] Installation Guide</p> <p>WCS100, XEJ-WCS100, XEJWCS100, WCS-100 Smart On Switch, WCS-100 Smart Off Switch</p>
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