

**LEVITON**<sup>®</sup>  
decora smart<sup>®</sup>

# Getting Started Guide

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 **zigbee** SWITCH  
certified  
product

Cat. No. DG15S

WEB VERSION





# Welcome to the Decora Smart™ family of Zigbee® enabled devices



See the complete line of Zigbee enabled  
dimmers, switches and plug-ins  
[leviton.com/decorasmart](http://leviton.com/decorasmart)

WEB VERSION



## Welcome



The Decora Smart™ Switch with Zigbee® technology is designed for use with modern Zigbee hubs. Using mesh networking technology Zigbee provides quick, reliable, secure communication to a wide variety of smart products.

Add your switch to a Zigbee hub to control it with your smartphone or a voice interface.

### We are here to help



#### CALL

1-800-824-3005 (USA)  
1-800-405-5320 (Canada)



#### ONLINE

[leviton.com/decorasmart](http://leviton.com/decorasmart)



#### CHAT

[leviton.com](http://leviton.com)



#### EMAIL

[dssupport@leviton.com](mailto:dssupport@leviton.com)



## Your switch works with:

Your Decora Smart switch with Zigbee technology is compatible with a wide variety of load types. Your switch should not be used with aluminum wire. To ensure proper communication do not use metal wallplates.

If you have further questions, please contact technical services at [dssupport@leviton.com](mailto:dssupport@leviton.com) for more information.



RATINGS	
LED / CFL	5A, 600W - 120VAC, 60Hz
Resistive	15A - 120VAC, 60Hz
Incandescent/Halogen	1800W - 120VAC, 60Hz
Fluorescent	1800VA - 120VAC, 60Hz 8A (277VAC)
Inductive	1800VA - 120VAC, 60Hz
Motor	1/2 HP - 120VAC, 60Hz
Operating Temp	0°C - 40°C (32°F - 104°F)
Operating Humidity	0-90% non-condensing
NETWORK	
Zigbee	Zigbee 3.0 Certified



## Features

### **Rocker**

Manually turn light on. The bottom of the paddle turns the light off.



### **Status light**

Illuminates when load is off.

WEB VERSION



## Before you install

Installation requires electrical knowledge.  
If you are unsure of any steps, consult an electrician.

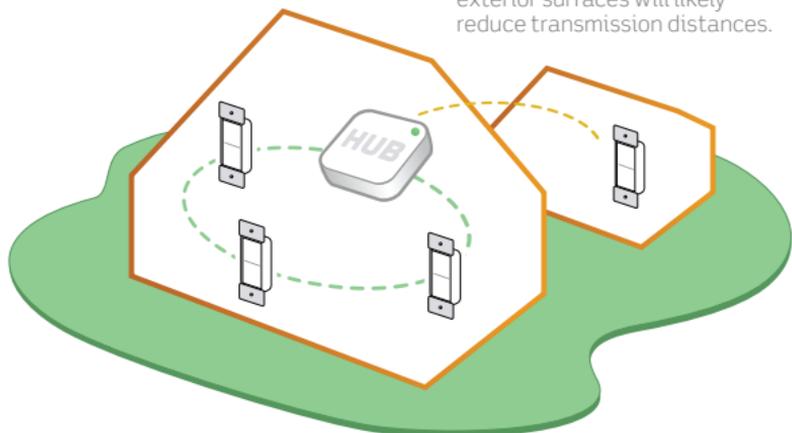
### Things to consider:

- If light(s) are controlled from more than one location, you will need a DDOSR-1 remote. See the DDOSR-1 installation instructions for wiring instructions.



- Zigbee is a mesh network. It must be installed within 30 ft of hub or another Zigbee 3.0 compliant device.

**NOTE:** Communication through exterior surfaces will likely reduce transmission distances.



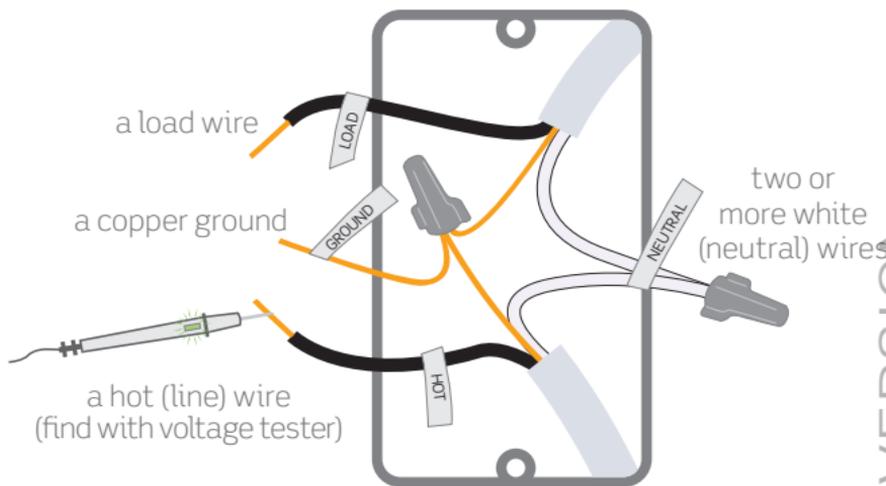


## Identify your wires

### Check your wall box:

**WARNING: TO AVOID FIRE, SHOCK OR DEATH, turn off power at the circuit breaker.**

1. Remove wallplate and disconnect switch.
2. Ensure disconnected wires are not touching.
3. Restore power. Carefully test wires with voltage tester to find the hot wire.
4. Turn off power at the circuit breaker.
5. Mark the following wires:

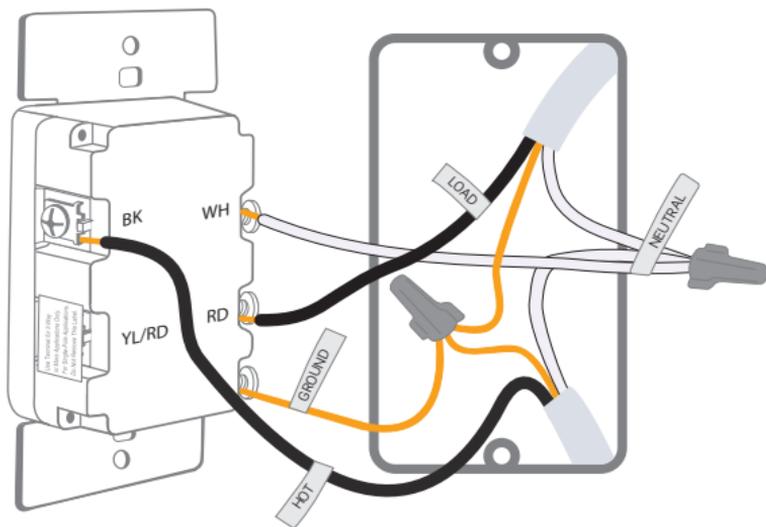


**If your wall box looks different,  
consult an electrician.**



## Wire your switch

1. Work on only one connection at a time.
2. Connect wires as shown.
3. Secure wire connections with an electrical connector.

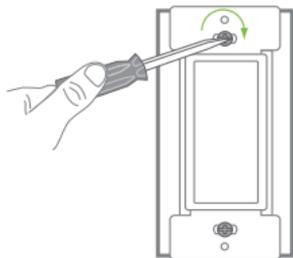
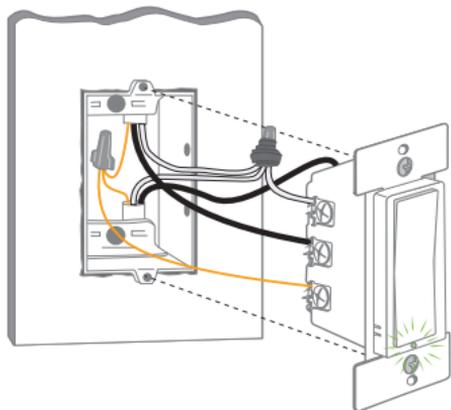


**If your wall box looks different,  
consult an electrician.**



## Test and install

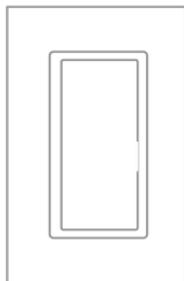
1. Restore power. Status light should flash green indicating your switch is ready to be enrolled.



**Turn off power at circuit breaker before completing the switch installation.**

2. Gently push wires into wall box. Screw switch to box.

3. Snap on Decora® wallplate. Restore power.



**Congratulations!**  
**Your Decora Smart switch**  
**is ready to control your lights.**



## Add your switch to a hub

To control your switch with your phone, add it to a compatible Zigbee hub. Use the hub's app and follow the instructions for adding a switch. When you power up your switch it immediately enters inclusion mode (some hubs may use the term connect, join, or pair).

If the hub uses older inclusion processes contact technical services for specific product instructions.

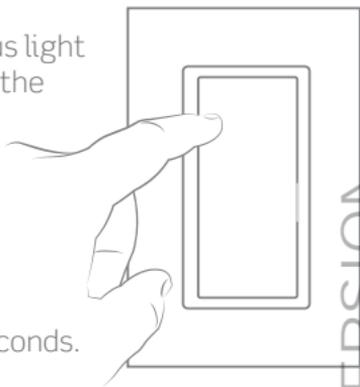


## Manually start/stop joining

When you first power on your switch or perform a factory reset the green status light will automatically flash. This indicates the switch is in joining mode. It will remain in this state for 30 minutes or until the switch is added to a network.

To manually start or stop joining mode perform the following steps:

- 1.** Hold the top of the paddle for 7 seconds. Status light will turn amber.
- 2a.** To start joining mode tap the top of the paddle 1 time. The status light will flash green rapidly to indicate it is in joining mode.
- 2b.** To stop joining mode tap the top of the paddle 1 time. The switch will leave joining mode. NOTE: the device can still be operated manually even if not joined to a hub.

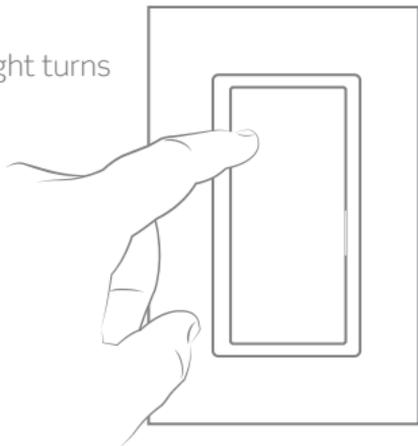




## Factory default

To reset the switch to factory settings and place into joining mode:

1. Hold the top of the paddle for a total of 14 seconds.
2. After the first 7 seconds the light turns amber. Continue to hold.
3. After a total of 14 seconds, the status light will quickly flash red/amber.
4. Release the top of the paddle and the switch will reset.



## Quick Tips

If your switch is not performing as expected, visit [leviton.com/decorasmart](http://leviton.com/decorasmart) or contact technical services.

- Status light is on but light is off and does not respond:
  - Check wiring to confirm hot, neutral and load.
  - Ensure the white conductor is a neutral.



## Safety First

**WARNING: TO AVOID FIRE, PERSONAL INJURY OR DEATH DO NOT USE** the switch for the control of high power heating appliances such as portable heaters. There can be unexpected consequences if not used with care. For example, an empty coffee pot can be remotely turned on. If that should happen, your coffee pot could be damaged from overheating. If an electric heater is turned on by remote control while clothing is draped over it, a fire could result. This module will not control lighting that is used with electronic low-voltage and high frequency power supply transformers, nor high pressure discharge lamps (HID lighting). This includes mercury-vapor, sodium vapor and metal halide lamps.

### **WARNINGS:**

- This product is to be installed and/or used in accordance with electrical codes and regulations.
- Indoor use only.
- If you are unsure about any part of these instructions, consult an electrician.
- Save this instruction sheet. It contains important technical data along with testing and troubleshooting information which will be useful after installation is complete.

# Limited 5 Year Warranty

For Leviton's limited product warranty, go to [www.leviton.com](http://www.leviton.com). For a printed copy of the warranty, call 1-800-824-3005.

## FOR CANADA ONLY

For warranty information and/or product returns, residents of Canada should contact Leviton in writing at Leviton Manufacturing of Canada ULC to the attention of the **Quality Assurance Department, 165 Hymus Blvd, Pointe-Claire (Quebec), Canada H9R 1E9 or by telephone at 1 800 405-5320.**

## FCC COMPLIANCE STATEMENT

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

## FCC CAUTION

Any changes or modifications not expressly approved by Leviton Manufacturing Co., Inc., could void the user's authority to operate the equipment.

## FCC SUPPLIER'S DECLARATION OF CONFORMITY:

Model DG15S – Switch is manufactured by Leviton Manufacturing Co., Inc., [www.leviton.com](http://www.leviton.com).

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.

## IC STATEMENT

This device complies with Industry Canada license-exempt RSS standard(s). 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.

## RF EXPOSURE AND CO-LOCATION:

To comply with FCC OET Bulletin 65 and ICSED RF exposure limits for general population and uncontrolled exposure, this device shall be installed and operated with a minimum distance of 7.9 inches (20 cm) between the radiator and your body. Also, must not be co-located or operated in conjunction with any other antenna or transmitter.

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# If you need help...



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Leviton Manufacturing Co., Inc.  
201 North Service Road, Melville, NY 11747  
Telephone: 1-800-824-3005

Visit Leviton's website at [www.leviton.com](http://www.leviton.com)  
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Specifications subject to change at any time without notice.

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