

**LEVITON**®

# Install Guide

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decora smart™  
FAN SPEED CONTROLLER

WEB VERSION

Cat. No. DW4SF





## Welcome to the My Leviton Family



See the complete line of My Leviton app compatible dimmers, switches, plug-ins and controllers at [leviton.com/decorasmart](https://leviton.com/decorasmart)



WEB VERSION



## Welcome



The Decora Smart Wi-Fi Fan Speed Controller allows you to select one of 4 fan speeds or turn your fan off from a smartphone or tablet even when you're away from home as long as you have an internet connection. Use the built-in scheduling to control your fan at specific times of the day, and at sunrise or sunset.

The Decora Smart fan controller looks at home with your other Decora branded devices. It has a convenient manual on/off control, and an integrated bar to provide easy speed adjustment and hidden indicator lights.

### We are here to help



#### CALL

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



#### CHAT

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



#### ONLINE

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



#### EMAIL

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



## Your fan controller works with:

- For use with one or more ceiling paddle fans with split-capacitor or shaded pole motors, not to exceed a total of 1.5A.
- Not for use with lighting loads including ceiling fan light kits.
- Not for use with aluminum wire.
- If the fan is controlled from more than one location, you will need a DD00R remote. See the DD00R installation instructions for wiring instructions.
- To ensure proper communication, do not use with metal wall plates.
- For additional support use the support options in the My Leviton app.



RATINGS	
Fan Motor	1.5A - 120VAC, 50/60Hz
Operating Temp	0°C - 40°C (32°F - 104°F)
Operating Humidity	0-90% non-condensing
NETWORK	
Wi-Fi	802.11 a/b/g/n @ 2.4GHz and 5GHz
Security	WPA or WPA2
MY LEVITON APP	
iOS	Version 11 or later
Android	Version 6 or later



## Features

### Rocker

Manually turn fan on/off.

### Speed indicator lights

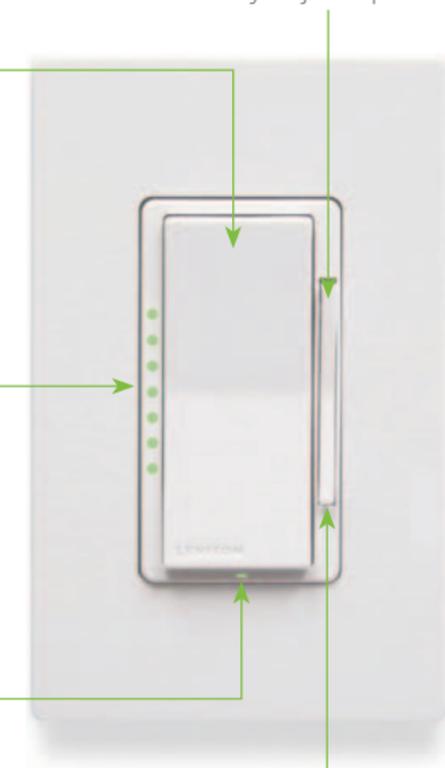
Show fan speed when adjusting levels.

### Status light

Illuminates when fan is off.

### Fan speed bar

Manually adjust speed.



### Air gap switch

This feature will stop power to the fan. Gently pull bottom out until a click is heard. Power to the fan and indicator lights will turn off. After servicing is complete, push back in for normal operation.

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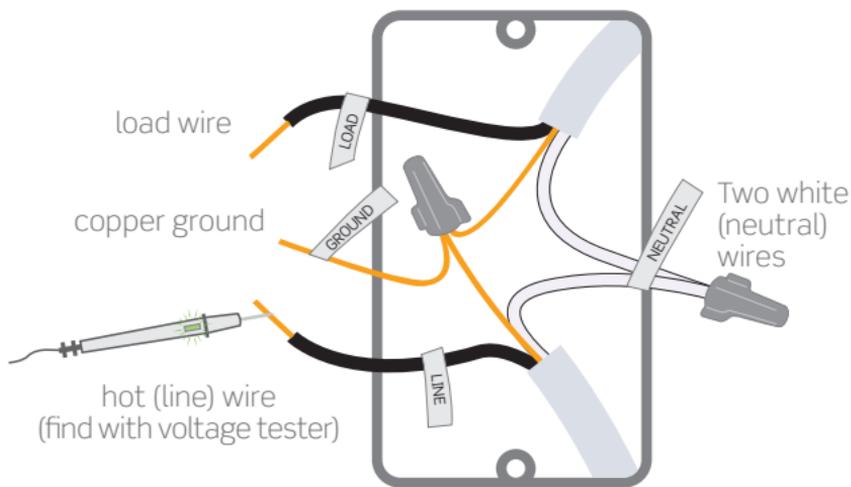


## Identify your wires

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

### Check your wall box:

1. Remove wallplate and disconnect switch.
2. Restore power. Carefully test wires with voltage tester to find the hot wire.
3. **Turn off power at the circuit breaker.**
4. Mark the wires as shown:

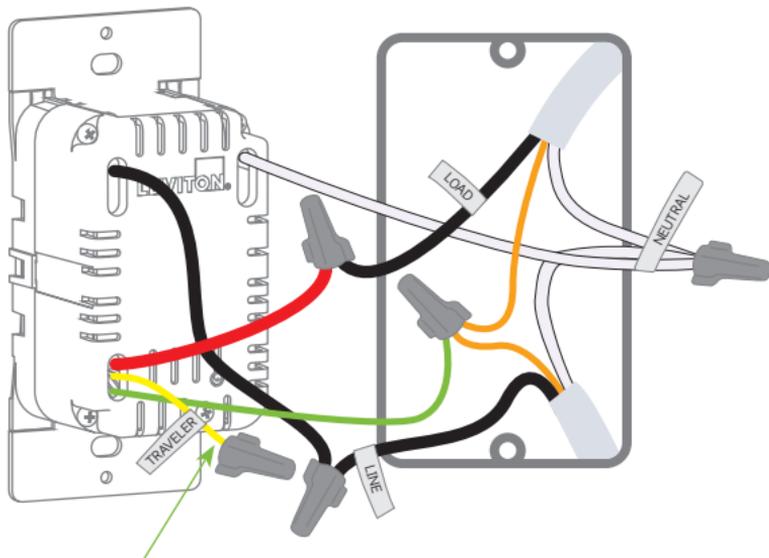


**If your wall box looks different,  
call an electrician.**



## Wire your fan controller

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



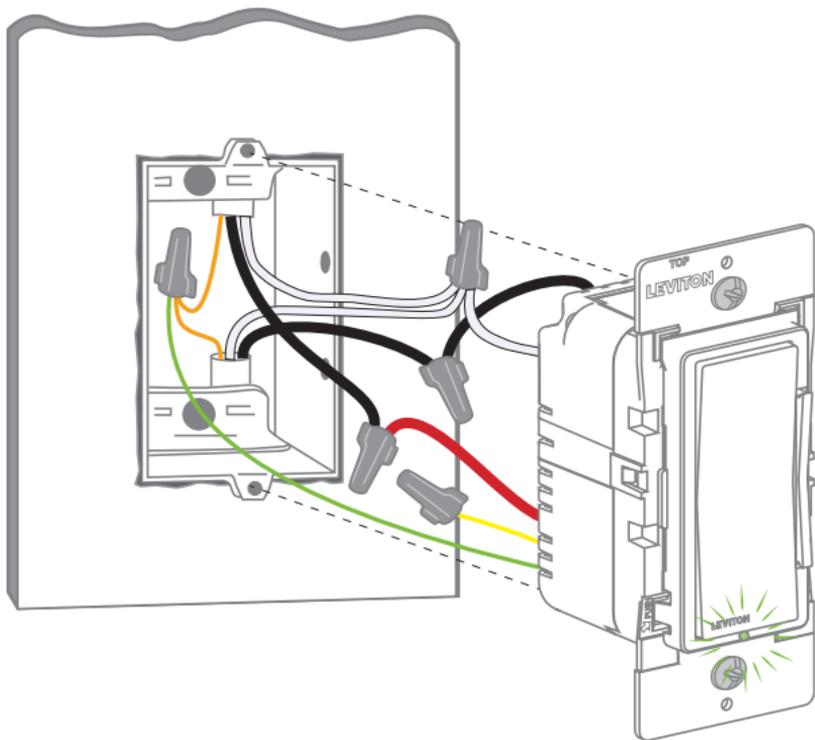
This wire is used in 3-way installations only.  
For single pole installations, do not remove  
insulating label.

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



## Test and install

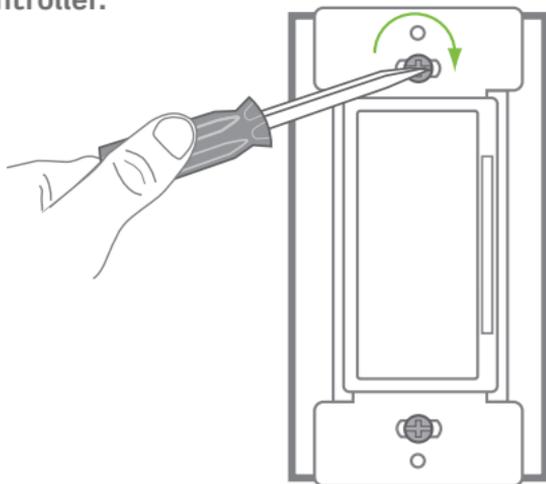
1. Restore power. Status light should flash green indicating your fan controller is ready to be enrolled.



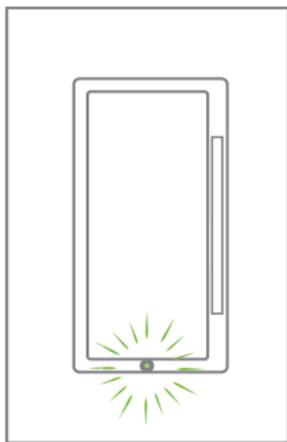
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**Turn off power at circuit breaker before screwing in your fan controller.**

- 2.** Gently push wires into wall box.  
Screw fan controller to box.



- 3.** Snap on Decora® wallplate.  
Restore power.



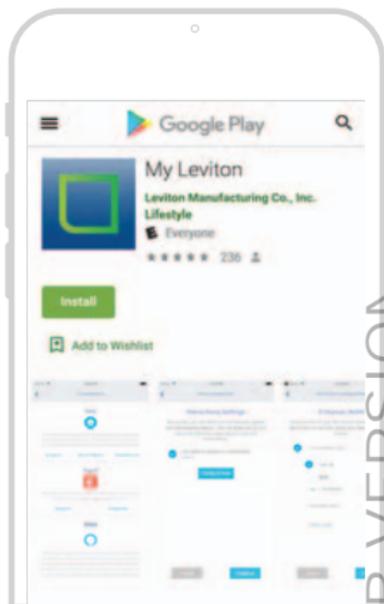
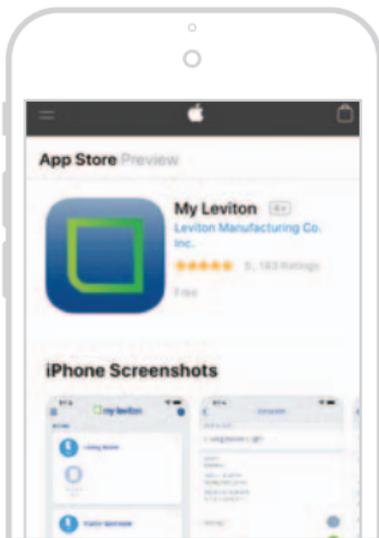
**Congratulations!**  
**Your Decora Smart fan controller**  
**is ready to control your fan speed level.**

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## Get the app

Visit <http://my.leviton.com> and select the link for your smartphone or tablet.



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## Launch the app

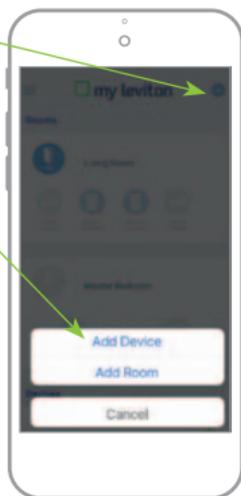


1. Launch the My Leviton app.
2. Log in or choose Sign Up for an Account.
3. Follow the instructions on the screen.



## Add to your home network

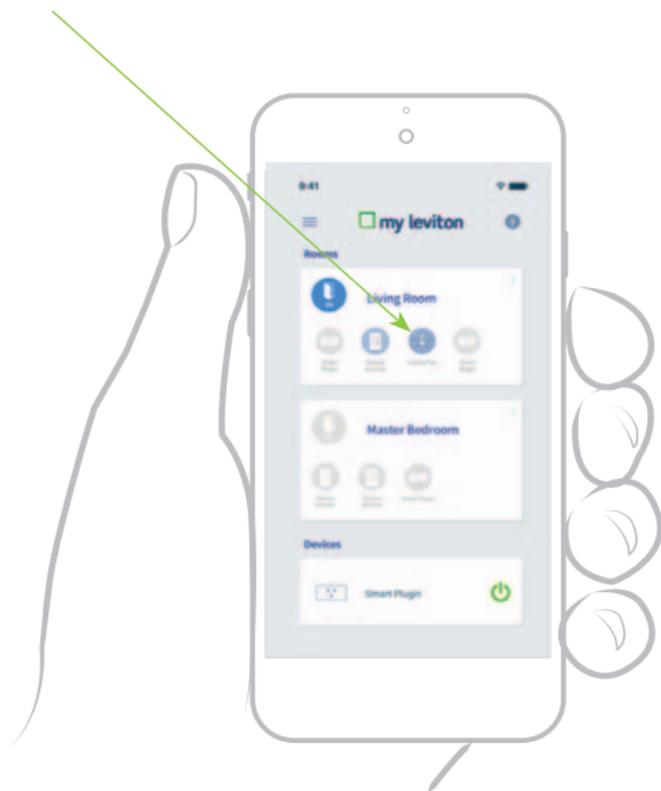
1. Tap the  in the upper right corner and select Add Device.
2. Follow the app instructions to add your device to your home network.





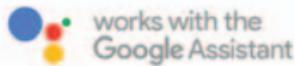
## Test app control

1. Open the My Leviton app.
2. Tap icon to turn on/off.





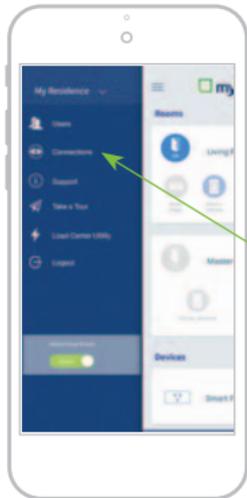
## Connect to My Leviton partners (optional)



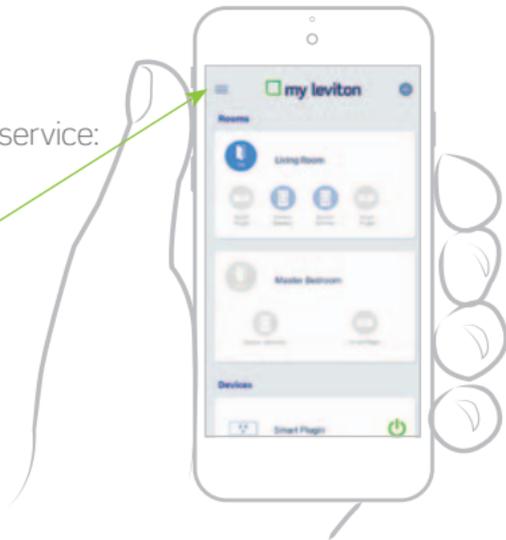
Visit [my.leviton.com](https://my.leviton.com) for a complete list of compatible smart home products.

To add voice control or integrate with another service:

1. Tap menu icon in upper left corner.



2. Tap Connections, choose desired service and follow app instructions.



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## Diagnostic status light

If your fan is not connecting to your My Leviton app, the status light can be used as a diagnostic tool. Press the top rocker for at least 2 seconds but less than 7 seconds and release. The light will blink a diagnostic code for two seconds:

- Yellow - the fan controller is not connected to Wi-Fi.
- Red - the fan controller is connected to Wi-Fi but not the My Leviton cloud.
- Alternating green/yellow - the fan controller is connected to Wi-Fi and My Leviton cloud but has been unable to set the time from the internet.
- Green - the fan controller is connected to Wi-Fi and My Leviton cloud and is working properly.



## Reset

To reset the fan controller to factory settings:

- 1.** Hold the top of the paddle for a total of 14 seconds.
- 2.** After the first 7 seconds the LED 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 it will reset.





## Quick tips

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

- Fan turns on but does not run as fast as is should:
  - Use the fan speed bar to select 100%.
  - If the fan has a pull chain or similar speed control, ensure it is at 100% and use only the Decora Smart fan speed controller to set the fan's speed.
- Intermittent operation:
  - Confirm the load does not exceed ratings.
  - Confirm that a neutral is connected.



## Status light

COLOR	ACTIVITY	STATUS
Green	Slow blink	Ready to be added to a Wi-Fi network
Green	Flash	Connecting to a Wi-Fi network
Green or Off	Solid	Normal operation, can be configured in setup
Amber	Blinking	Device was not able to connect to the Wi-Fi network
Green, Red, Amber	Scrolling	Enrolling to My Leviton or identify feature was triggered in the app
Please see <a href="http://My.Leviton.com">My.Leviton.com</a> support for additional diagnostic assistance		



# Safety First

## WARNINGS:

- This product is to be installed and/or used in accordance with electrical codes and regulations.
- For 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.

## CAUTIONS:

- For use on ceiling paddle fans with split-capacitor or shaded pole motors only. Please refer to manufacturer's instructions or rating label on the motor to confirm type. Use with any other types of motors or equipment may cause overheating and/or damage to the motors or equipment.
- Use only one (1) Fan Speed Control per load. The switch(es) will turn ON the fan at the speed level selected at the control.
- To avoid overheating and possible damage to this device and other equipment, DO NOT install to control a receptacle, fluorescent lighting, a motor or a transformer-operated appliance other than appropriate ceiling fans.

## ADDITIONAL RATINGS:

- Purpose of control: Operating Control
- Action Control Type: 1
- Pollution Degree: 2
- Impulse Voltage: 2500V
- Disconnection Type: Micro

# 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 DW4SF - Fan Speed Controller is manufactured by Leviton Manufacturing Co., Inc. 201 N. Service Road, Melville, NY 11747. [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 ISED 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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## EMAIL

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