

Getting Started Guide

WIRED DIMMER COMPANION with Locator LED Neutral Wire Required



Welcome



The Decora Smart Wired Dimmer Companion is designed for use with Decora Smart and Decora Digital dimmers or fan speed controls in 3-way or multi-way applications. Up to 4 additional companions may be used.

Its stylish look matches the primary dimmer or fan speed control for a seamless appearance and allows the user to turn the light/fan on and off or change the brightness/fan speed. Change the color at any time by ordering a new face plate color change kit (DDKIT). Face plate colors include white, ivory, light almond, gray, black and brown.

SPECIFICATIONS	
Torque	Tighten terminal screws to 14 - 18 in.-lbs.
Operating Temperature	0°C - 40°C (32°F - 104°F)
Voltage	120/277VAC, 60Hz
Wiring Notes	Neutral required

? We are here to help

ONLINE
decorasmartsupport.leviton.com

EMAIL
dssupport@leviton.com

CHAT
www.leviton.com/contact

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

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What you need to complete the installation:

- Slotted/Phillips screwdriver.
- Voltage tester.
- Wire cutters.
- Wire connectors.
- Electrical tape.
- Decora wallplate.

Compatibility

The Decora Smart Wired Dimmer Companion is intended for 3-way or multi-location applications only and must be used with a compatible dimmer or fan speed control listed on this chart or at: www.leviton.com/wiredcompanions

DEVICE	WI-FI™	Z-WAVE®	HOMEKIT®	ZIGBEE™	DECORA DIGITAL™
Dimmer	D26HD	DZ1KD	DH1KD	DL1KD	DDL06-1
	D2MSD	DZ6HD	DH6HD	DL6HD	DDM06
	DWVAA	ZW6HD		DL6HD	DDMX1
	DW6HD			DL6HD	DDL06-B
	DW1KD			DG6HD	DDE06
Fan Speed Control	DW4SF	ZW4SF			DD710
	D24SF				DDF01

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Features

Brightness/Fan Speed Control Bar
Press bar up or down to adjust the brightness or fan speed level.

Rocker Switch
Manually turn light(s) or fan on/off.

Brightness/Fan Speed Display
Lights up to display the brightness or fan speed level.

Locator LED
Illuminates when OFF so you can find the companion in the dark.

NOTE: This is a companion device intended for 3-way and multi-way applications only. A primary Decora Smart/Decora Digital dimmer or fan speed is required to control the load.

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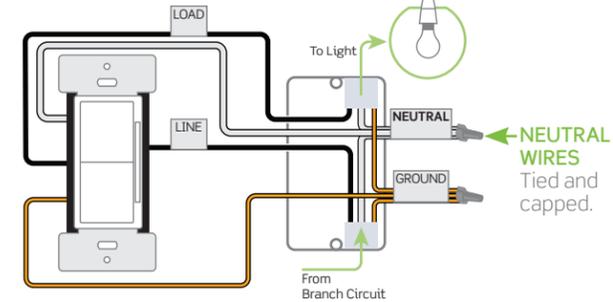


Identify Neutral wires

This product requires a Neutral wire.

What is the purpose of a Neutral wire?
A Neutral wire is often required for smart lighting controls to provide continuous power for communication and connectivity.

How can I tell if I have a Neutral wire?
Neutral wires are typically two or more white wires bundled in an electrical box. When replacing a traditional manual switch, the white wires will be tied together and capped with a wire connector.



Quick tip: Check each individual location as some may have a Neutral wire and others may not. It is most common that a Neutral wire is missing in a wallbox where there is no bundle. Scan the code below for more information on how to identify a Neutral wire.



If you're unsure or if your wallbox contains a different wiring configuration, contact Leviton Technical Support or consult an electrician.

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If you need help...

ONLINE
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CHAT
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dssupport@leviton.com

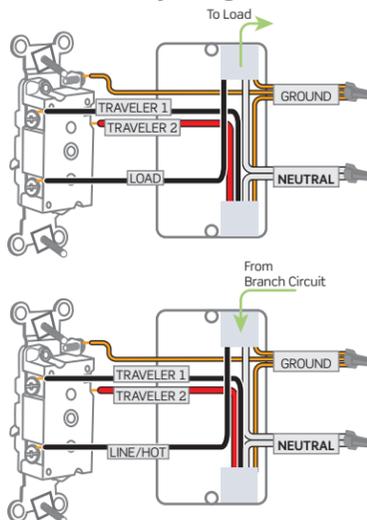
CALL
1-800-824-3005 (USA)
1-800-405-5320 (Canada)



3-Way wiring

The Decora Smart Wired Dimmer Companion uses digital circuitry to communicate between itself and the primary device controlling the load. Unlike traditional multi-location installations which electrically route power as a switch is moved, the Dimmer Companion sends data across the YL/RD traveler wire.

Common 3-way wiring with Neutral



If your wallbox contains a different wiring configuration, contact Leviton Technical Support or consult an electrician.

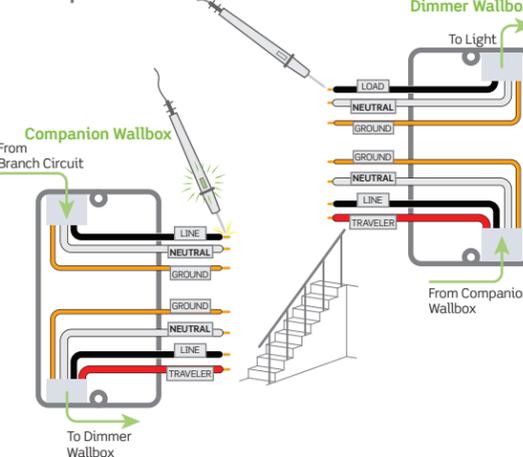
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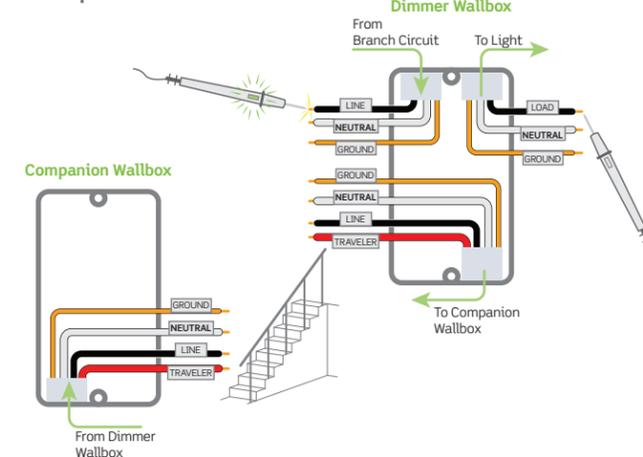
Identify your wires

1. Turn off power.
2. Separate wires.
3. Restore power and test all wires with the voltage tester to find the Line (hot) wire.
NOTE: The traveler bundle (white, red, black) jumps between both boxes and should not be energized when the power is restored.
Important: This product requires a Neutral wire. See page 4 for how to identify Neutral wires.
4. Turn off the power and mark the Line (hot) wire.
NOTE: The primary dimmer or fan speed controller is installed in the box with the Load connection. The companion(s) can be installed in all other box locations.

Example 1



Example 2



Most installations will match Example 1 or Example 2. If your wiring does not match either example, please contact Leviton Technical Support or consult an electrician.

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Important notes:

- Use this device with copper or copper clad wire only.
- Use only one (1) Decora Smart/Decora Digital dimmer or switch in a multi-location circuit with up to 4 additional companion devices.
- Recommended minimum wallbox depth for companion devices is 2-1/2 in.
- Maximum wire length from primary dimmer or fan speed control to companion devices cannot exceed 300 ft (90 m).
- Clean with a damp cloth. **DO NOT** use chemical cleaners or disinfecting products, including foggers, sprays or other types of atomized cleaning agents.

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Making connections

WARNING: TO AVOID FIRE, SHOCK OR DEATH, TURN OFF POWER AT THE CIRCUIT BREAKER.

If your wiring matches the wiring shown on page 6, Example 1:

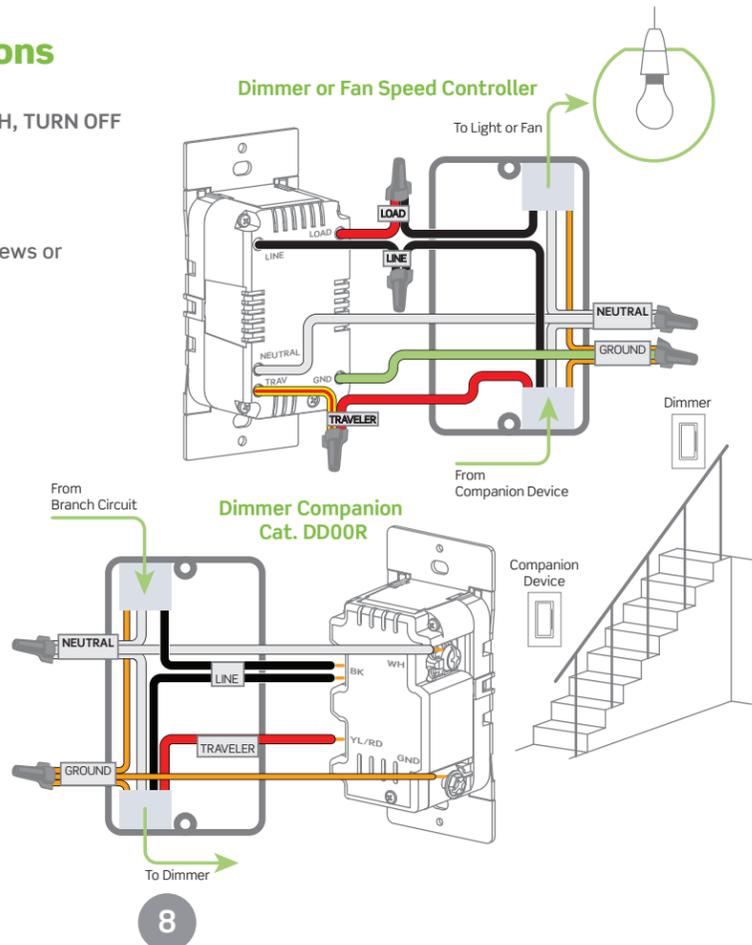
Connect wires to the Dimmer's terminal screws or leads using wire connectors as follows:

Line (Hot) - Black
Neutral - White
Load - Red
Traveler (TRAV) - Yellow with a Red stripe
Ground (GND) - Green

Connect wires to the Dimmer Companion's terminal screws as follows:

Line (Hot) - Black (BK)
Neutral - White (WH)
Traveler - Yellow/Red (YL/RD)
Ground (Copper Wire) - Green

NOTE: Most dimmers require a Neutral connection. It is important to install the dimmer in the box with the feed for the Load.



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Making connections (continued)

WARNING: TO AVOID FIRE, SHOCK OR DEATH, TURN OFF POWER AT THE CIRCUIT BREAKER.

If your wiring matches the wiring shown on page 6, Example 2:

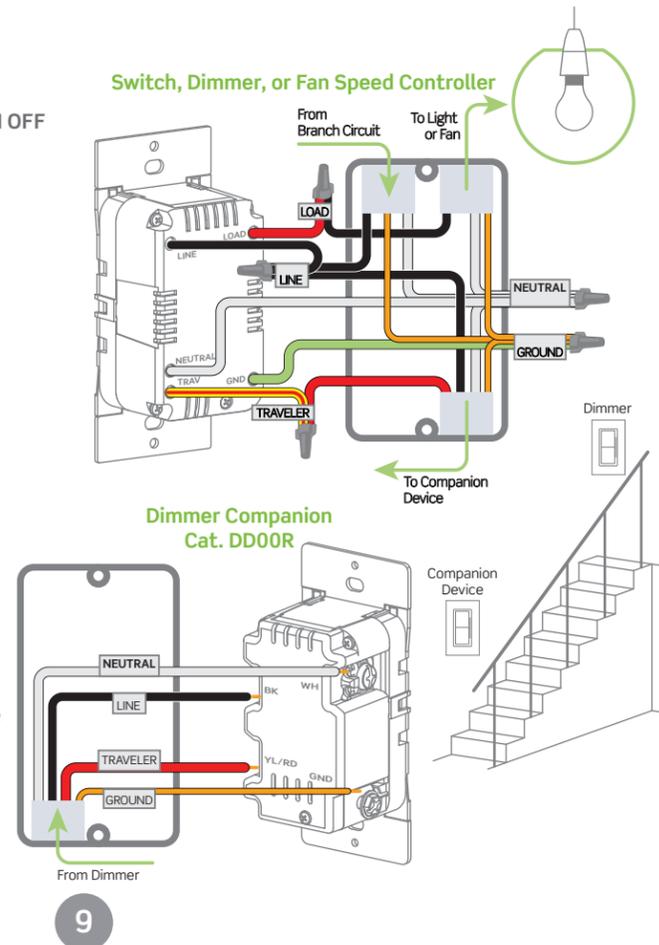
Connect wires to the Dimmer's terminal screws or leads using wire connectors as follows:

Line (Hot) - Black
Neutral - White
Load - Red
Traveler (TRAV) - Yellow with a Red stripe
Ground (GND) - Green

Connect wires to the Dimmer Companion's terminal screws as follows:

Line (Hot) - Black (BK)
Neutral - White (WH)
Traveler - Yellow/Red (YL/RD)
Ground (Copper Wire) - Green

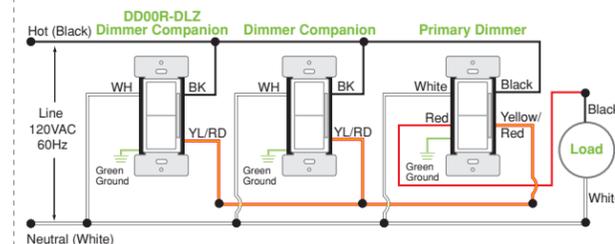
NOTE: Most dimmers require a Neutral connection. It is important to install the dimmer in the box with the feed for the Load.



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Additional control locations

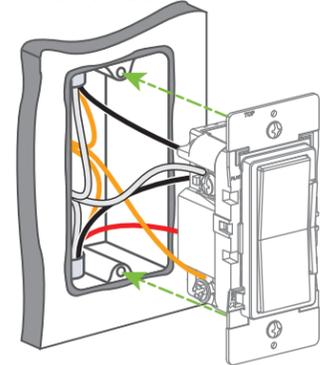
For multi-location installations with more than one companion device, ensure each one is connected to Line, Neutral and the YL/RD Traveler, which is used to communicate the button presses and LED status.



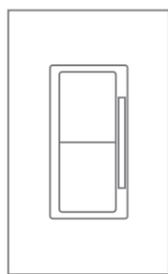
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Install and test

1. Gently push wires into wallbox. Do not overtighten wallbox screws.



2. Install wallplate base and snap on Decora wallplate.



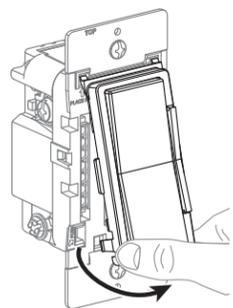
Restore power and turn lights or fan ON. If light(s) do not turn on, see "What to do if..." section on page 13.

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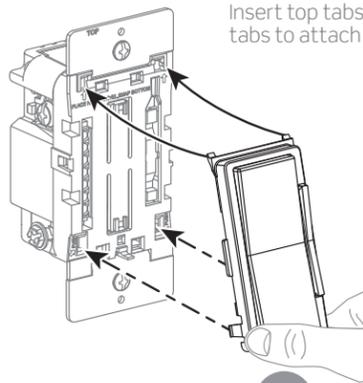
Change the color of your device

Your companion device may include color options. To change color, proceed as follows:

To remove the color face, push in the sides at bottom tabs and pull outward to release.



Insert top tabs and press in bottom tabs to attach new face plate.



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What to do if...

All connections required have not been made:

- Check the "Identify your wires" section on page 6 to ensure all connections have been made.
- If your wallbox contains a different wiring configuration, contact Leviton Technical Support or consult an electrician.

Lights are flickering:

- Lamp has a bad connection.
- Wires not secured firmly under terminal screws of primary dimmer, fan speed controller and/or dimmer companion.

Light does not turn ON and locator light does not turn ON:

- Circuit breaker or fuse has tripped.
- Lamp is burned out.
- Lamp Neutral connection is not wired.

Companion does not operate lights:

- Ensure that total wire length does not exceed 300 ft (90 m).
- Ensure primary dimmer is installed properly.
- Verify the Primary Dimmer is installed on the load side of the 3-way application.
- Verify the companion device is being used with a compatible Primary Dimmer or Fan Speed Controller (refer to the "Compatibility" chart on page 2).

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Safety first

WARNINGS:

- **TO AVOID FIRE, SHOCK OR DEATH: TURN OFF POWER AT CIRCUIT BREAKER OR FUSE AND TEST THAT POWER IS OFF BEFORE WIRING!**
- To be installed and/or used in accordance with electrical codes and regulations.
- If you are unsure about any part of these instructions, consult an electrician.

CAUTIONS:

- Decora Smart and Decora Digital dimmers and switches are not compatible with standard 3-way or 4-way switches. They must be used with compatible Decora Smart Companion devices for multi-location switching.
- Use this device **WITH COPPER OR COPPER CLAD WIRE ONLY.**
- Use only one (1) Decora Digital/Decora Smart dimmer or switch in a multi-location circuit with up to 4 companion devices. **NOTE:** The remote(s) will turn the light on at the brightness level selected at the dimmer.
- Maximum wire length from the primary dimmer or fan speed control to all installed companion devices cannot exceed 300 ft (90 m).
- To avoid damage to the product, **DO NOT** use disinfecting products, including foggers, sprays or other types of atomized cleaning agents. **DO NOT** spray liquid onto the product. To clean use a damp cloth with mild soap.

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Limited 5 Year Warranty

For Leviton's limited product warranty, go to 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 DD00R - Wired Dimmer Companion is manufactured by Leviton Manufacturing Co., Inc. 201 N. Service Road, Melville, NY 11747. 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.

PATENT INFORMATION

Patents covering this product, if any, can be found on Leviton.com/patents.

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