LEVITON® decora smart®

Getting Started Guide

DIMMER
No Neutral Wire Required

DI-000-DN6HD-02C   Cat. No. DN6HD

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1. Smart Lighting Control for the Whole Home

See the complete line of My Leviton™ app compatible dimmers, switches, plug-ins, and controllers at **leviton.com/decorasmart**

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2. Welcome

Leviton's Decora Smart No-Neutral Dimmer is the perfect retrofit solution, making it easier than ever to install smart lighting control in homes without Neutral wiring. Pair with a Decora Smart Wi-Fi Bridge to control lighting with your voice via Amazon Alexa, Google Assistant, or Apple Siri – or use a smartphone or tablet to control your lighting with the My Leviton app even when you're away from home.

The Decora Smart No-Neutral Dimmer looks right at home with your other Decora brand in-wall devices, and features intuitive ON/OFF and DIM/BRIGHT control.

? We are here to help

ONLINE
decorasmartsupport.leviton.com

CHAT
www.leviton.com/support

EMAIL
dssupport@leviton.com

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

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3. Your dimmer works with:

• Dimmable LED, dimmable CFL, incandescent, and MLV lighting.
• Do NOT use your dimmer with metal wallplates, electronic low-voltage, motor loads, or aluminum wire.
• Installation in metal wall boxes or with metal wallplates may result in poor RF performance.
• When two or more dimmers are installed next to each other, the Load ratings become 500W incandescent and 500VA MLV for each dimmer. No reduction is necessary if the Load is LED or CFL.
• For compatible LED bulbs, go to leviton.com/LED.
• Additional self-service support options can be found in the My Leviton app or at leviton.com/decorasmart.

RATINGS	
General Use	120VAC, 60Hz
LED / CFL	300W
Incandescent	600W
MLV	600VA
Operating Temperature	0°C - 40°C (32°F - 104°F)
Operating Humidity	10% - 90% non-condensing
NETWORK	
Frequency	2.4GHz
Range	50 ft
MY LEVITON APP	
iOS	version 12.0 or later
Android	version 8.0 or later

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4. Features

Dim / bright bar
Manually adjust light levels.

Rocker
• Press the top to turn the light ON.
• Press the bottom to turn the light OFF.
• Double press the top to turn ON at max brightness.

OFF means OFF
• Ensures low-wattage LED bulbs always turn OFF.

Brightness indicator lights
• Displays light level when adjusting brightness.

Status LED
• Illuminates when the lights are OFF, so you can find the dimmer in the dark.
• Provides connectivity and device status feedback.
• Advanced settings available in the My Leviton app.

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

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5. What you need to make it work:

• Line, Load, and Earth Ground wires are required.
• A Decora Smart Wi-Fi Bridge (MLWSB), installed and connected to a 2.4GHz Wi-Fi network with high-speed internet.
• An iOS (12.0 or later) or Android (8.0 or later) mobile device.
  NOTE: Make sure Wi-Fi and Bluetooth are enabled on your mobile device.
• A My Leviton cloud account (set up through the My Leviton app).

Before you install:

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

Things to consider:
To control the dimmer from more than one location, such as in 3-way or multi-way, you will need a wireless DAWDC Dimmer or DAWSC Switch Anywhere Companion device (See Page 14). Learn more about Companion devices and find connection instructions at Leviton.com/decorasmart.

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6. Decora Smart Wi-Fi Bridge

• This product requires a **MLWSB Decora Smart Wi-Fi Bridge** to enable smart features such as My Leviton App control, scenes, schedules, Anywhere Companion connectivity, and integration with smart home services, such as voice assistants.
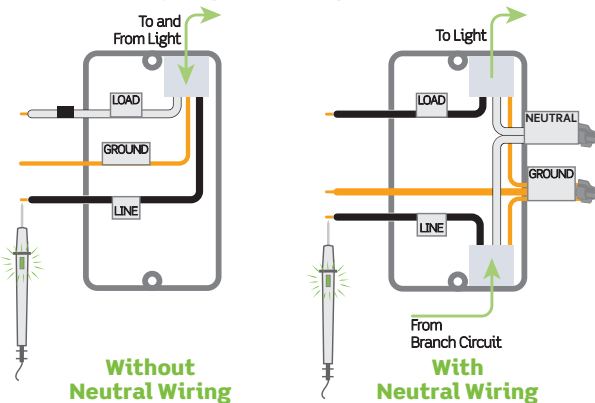
DN6HD   MLWSB

• A MLWSB Decora Smart Wi-Fi Bridge provides up to **2,500 sq ft.** of coverage and should be placed within **50 ft.** of the Decora Smart No-Neutral Dimmer.
• One MLWSB Decora Smart Wi-Fi Bridge supports up to 25 total devices. Supported devices include:
  • DN6HD Dimmer
  • DN15S Switch
  • DAWDC or DAWSC Anywhere Companions

NOTE: One MLWSB Decora Smart Wi-Fi Bridge supports up to 6 Anywhere Companions paired to associated Decora Smart No-Neutral devices.

Visit Leviton.com/decorasmart for product compatibility updates and MLWSB installation instructions.
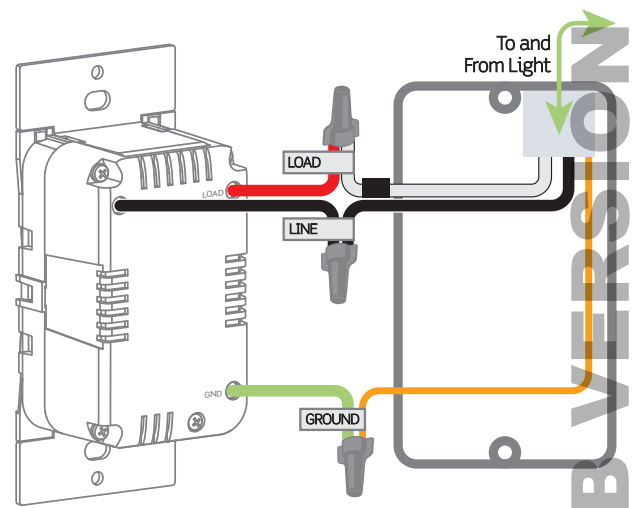
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7. Identify your wires

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

Check your wall box:
1. Remove wallplate and disconnect existing switch.
2. Restore power. Carefully test wires with voltage tester to find the Line (Hot) wire.
3. **Turn off power at the circuit breaker.**
4. Mark the wires as shown below.
   Quick tip: This product was designed to work without a Neutral wire. Line, Load, and Earth Ground connections are required for installation. If your home does not have a Ground connection available, contact Leviton Technical Support or consult an electrician. If your electrical box contains Neutral wires, you can also use a Decora Smart Wi-Fi 2nd Gen Dimmer (D26HD) to enable smart features, without requiring a Wi-Fi Bridge (MLWSB).

To and From Light — LOAD — GROUND — LINE
Without Neutral Wiring

To Light — LOAD — NEUTRAL — GROUND — LINE — From Branch Circuit
With Neutral Wiring

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8. Wire your dimmer

Single-pole installation:
1. Work on only one connection at a time.
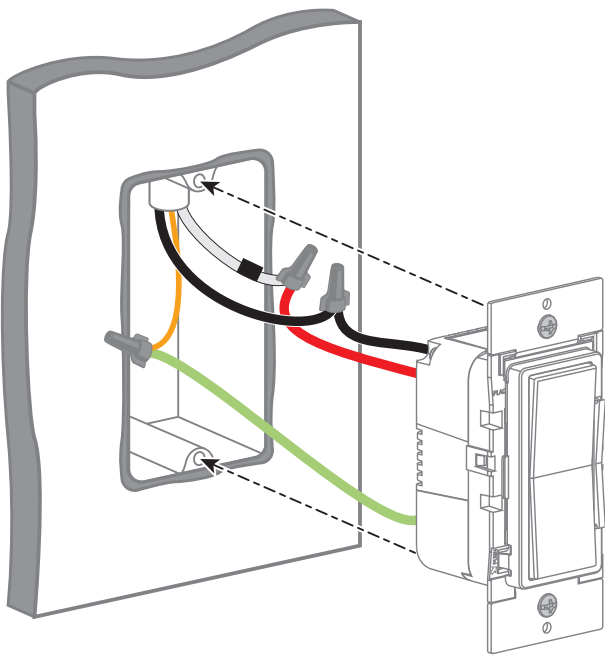2. Connect wires as shown using the included wire connectors.

To and From Light — LOAD — LINE — GROUND

If your wall box contains a different wiring configuration, contact Leviton's Technical Support team or consult an electrician.

WEB VERSION

Test and install

1. Restore power. Status LED should flash GREEN.
2. After powering on the dimmer to confirm it is receiving power, turn the power back off again at the breaker prior to completing the installation.
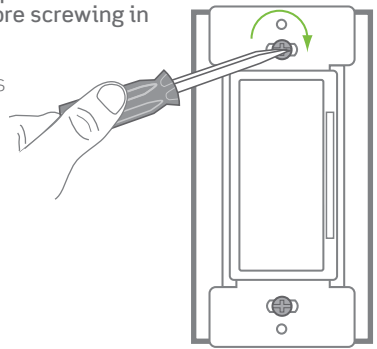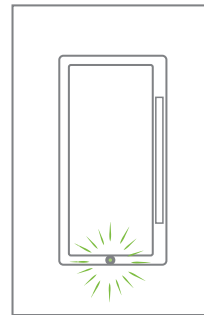
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Test and install
(continued)

WARNING: Turn off power at the circuit breaker before screwing in your dimmer.

3. Gently push wires into wall box. Screw dimmer to box.

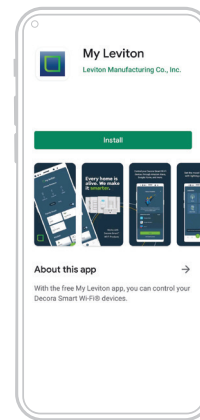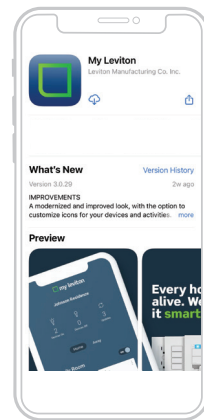4. Snap on Decora® wallplate and restore power.

Once power is restored, the status LED will blink GREEN, indicating your device is in Setup mode. See page 15 if your Status LED is not blinking GREEN.

**Congratulations!
Your Decora Smart Dimmer
is ready to control your light.**

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Get the app

To download the app, visit **my.leviton.com** and select the link or scan the QR code below for your device.

Download on the **App Store**

GET IT ON **Google Play**

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Device setup

- The Decora Smart No-Neutral Dimmer pairs to a Decora Smart Wi-Fi Bridge for connectivity to My Leviton, Apple HomeKit, or both.
- Use the My Leviton app to pair your Decora Smart No Neutral Dimmer (DN6HD) to your Wi-Fi Bridge.
- For voice control with Amazon Alexa or Google Assistant, you will need to pair your Dimmer to a MLWSB Wi-Fi Bridge that is enrolled in My Leviton.
- For voice control with Siri, you will need to pair your Dimmer to a MLWSB Wi-Fi Bridge that is added to HomeKit.
- See MLWSB Getting Started Guide for additional Wi-Fi Bridge setup details.

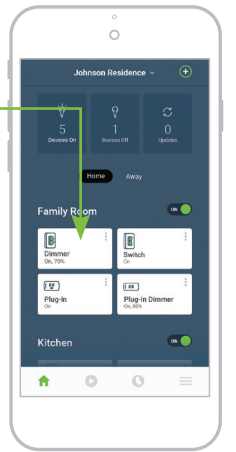### Connect your Dimmer to a Decora Smart Wi-Fi Bridge with My Leviton

1. Make sure a MLWSB Wi-Fi Bridge is installed within range of the DN6HD Dimmer.
2. Verify the DN6HD Dimmer is in Setup mode (Status LED should be blinking GREEN).
   - If the Status LED is not blinking GREEN, see page 15 for instructions on how to put the device into Setup mode.
3. Launch the My Leviton app.
4. Log in or choose "Sign Up" to create a new account.
5. Follow the instructions on the screen.
6. Once logged in, tap the "+" in the upper right-hand corner of the screen and select "Add Device"
7. Follow the app instructions to add your device and connect it to a MLWSB Wi-Fi Bridge.

NOTE: If you are only using HomeKit and do not wish to create a My Leviton account, select "Use with HomeKit Only" on the My Leviton sign-up screen.

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Test My Leviton app control

1. Open the My Leviton app.
2. Tap icon to turn ON/OFF.

Quick tip

- The My Leviton app includes many features such as: scheduling, remote control, Vacation mode, Auto-Shut-Off, room scenes, and advanced options for bulb type, fade rates, preset light level, and minimum dim/maximum brightness.

Additional self-service support options can be found in the My Leviton app or at leviton.com/decorasmart.
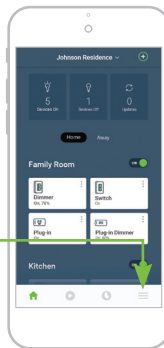
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Connect to My Leviton partners (optional)

When connected to a MLWSB Wi-Fi Bridge, your dimmer can work with Amazon Alexa, Apple HomeKit, Google Assistant, IFTTT, and more.

Visit **my.leviton.com** for a complete list of compatible smart home products and services.
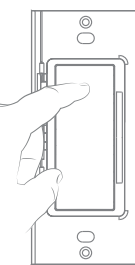
1. Tap the menu icon, followed by Integrations. Locate the desired service, select it, and follow instructions.

Pair an Anywhere Companion

1. Make sure your Wi-Fi Bridge is enrolled to My Leviton and your Decora Smart No-Neutral device is paired to your Wi-Fi Bridge.
2. Place the Anywhere Companion in Pairing mode by pressing the top rocker 5 times. Its Status LED will blink GREEN.
3. Place the primary Decora Smart No-Neutral device into Pairing mode by pressing the top rocker 5 times. The Status LED will flash GREEN/AMBER.
4. The Decora Smart No-Neutral device will be automatically paired to the Anywhere Companion in wireless RF range via the Wi-Fi Bridge. Once paired, the Status LED will quickly flash GREEN to show a successful connection.

Learn more about Companion devices and find connection instructions at leviton.com/decorasmart.
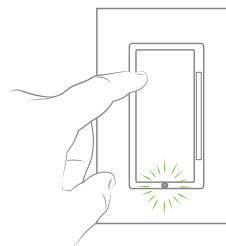
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Status LED

COLOR	ACTIVITY	STATUS
Green	Flashing	In Setup mode and ready to be added to a Decora Smart Wi-Fi Bridge.
Green or OFF	Solid	Normal operation, can be configured in a setup.
Amber	Slow Blink	Device is not connected to the Bridge, but is attempting to reconnect.
Green/ Amber	Alternating Blink	Device is in wireless Anywhere Companion Pairing mode.
Red	Blink	Wireless Anywhere Companion devices have unpaired or at max. number of paired devices.
Green/ Red/Amber	Alternating Blink	Identify feature triggered from the My Leviton app.

Please see My.Leviton.com support for additional diagnostic assistance.

Setup mode

1. Hold the top rocker for 7 seconds and release when the Status LED turns AMBER.
2. The Status LED will flash GREEN. The device is now in Setup mode.
3. To exit Setup mode manually, hold the top rocker for 7 second.

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Diagnostic light

If your device is not connecting, the Status LED can be used as a diagnostic tool. Press the top of the rocker for at least 2 seconds, but less than 7 seconds, and then release. The Status LED will blink a diagnostic code for 2 seconds.

COLOR	STATUS
Red	Cannot communicate to the Decora Smart Wi-Fi Bridge; Bridge may be out of range or not powered.
Amber	Not paired to a Decora Smart Wi-Fi Bridge.
Green	Connected to a Decora Smart Wi-Fi Bridge and working properly.

Factory default reset

1. Hold the top rocker for 14 seconds.
2. After the first 7 seconds, the Status LED will turn AMBER. Continue to hold.
3. After 7 more seconds, the Status LED will quickly flash RED/AMBER.
4. Release the top rocker and then the device will reset.

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What to do if...

When power is applied, the light turns ON, but the dimmer is not able to change the light level:
- For proper operation, the dimmer needs a Line (Hot), Load, and Ground connection. Make sure your wires are connected properly and that the wire connectors are secure.

The dimmer does not dim low enough or begins to flicker at the low end of the dimming range:
- Use the My Leviton app to increase the minimum dim level to the point that it does not cause the LED bulb to flicker.

Intermittent dimmer operation:
- Confirm the Load does not exceed its ratings.

Not connected or intermittent connection to the Decora Smart Wi-Fi Bridge:
- Make sure the MLWSB Wi-Fi Bridge is in range and powered; move the Bridge closer if possible.

Pair to a different Wi-Fi Bridge:
- Make sure the MLWSB Wi-Fi Bridge is in range and powered.
- Using the My Leviton app, go to dimmer's device settings, select "Reconfigure Wireless" and follow the in-app instructions.

How do I clean my device?
- To clean, use a damp cloth with mild soap. DO NOT use disinfecting products, including foggers, sprays, or other types of atomized cleaning agents.

Visit leviton.com/decorasmart or contact Technical Services for additional help.

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Safety first

Limited 2 Year Warranty & Exclusions

WEB VERSION