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Leviton DW15S-1BZ

Leviton Decora Smart Wi-Fi 15A Universal LED/Incandescent Switch (DW15S-1BZ) Instruction Manual

Model: DW15S-1BZ | Brand: Leviton

INTRODUCTION

The Leviton Decora Smart Wi-Fi 15A Universal LED/Incandescent Switch allows you to control your lighting from anywhere using the My Leviton app. This device is designed to replace existing single-pole or multi-way switches, offering advanced control features without requiring a separate hub. It is compatible with LED and CFL loads up to 600W, incandescent loads up to 1800W, and fluorescent loads up to 15A. A neutral wire is required for functionality.

Key Features:

- **No Hub Required:** Control directly via the My Leviton app.
- **Scheduling & Scenes:** Create custom schedules, including sunrise/sunset, and lighting scenes.
- **Voice Control:** Works with Amazon Alexa and Google Assistant (devices sold separately).
- **Compatibility:** Integrates with IFTTT, SmartThings, August, Amazon Alexa, and Google Assistant.
- **Reliable Operation:** Pre-set schedules are stored within the device for consistent performance.

SETUP

Tools Needed for Installation:

- Flathead Screwdriver
- Phillips Head Screwdriver
- Electrician's Pliers
- Wire Stripper
- Electrical Tape
- Handheld Voltage Tester

Installation Instructions:

Safety First: To avoid fire, shock, or death, always turn off the power at the circuit breaker or fuse before wiring. Use a voltage tester to confirm the power is off.



Image: The Leviton Decora Smart Wi-Fi 15A Universal LED/Incandescent Switch, shown in white, ready for installation.

1. **Turn Off Power:** Locate your circuit breaker panel and turn off the power to the switch you are replacing. Verify power is off using a voltage tester.
2. **Identify Wires:** Carefully remove the existing switch. Identify the hot wire (often black or red), neutral wire (usually white), and ground wire (green or bare copper). Use electrical tape to label the hot wire. If unsure about wiring, consult a licensed electrician.
3. **Prepare Wires:** Ensure wires are straight and stripped according to the strip gauge.
4. **Connect Ground Wire:** Connect the bare copper or green ground wire from the wall box to the green terminal screw on the Leviton switch. Tighten to secure.
5. **Connect Neutral Wire:** Connect the white neutral wire(s) from the wall box to the silver terminal screw (marked WH) on the Leviton switch. Tighten to secure.
6. **Connect Line Hot Wire:** Connect the identified hot wire from the wall box to the black terminal screw (marked BK) on the Leviton switch. Tighten to secure.
7. **Connect Load Wire:** Connect the load wire from the wall box to the red terminal screw (marked RD) on the Leviton switch. If the red terminal has a red insulation label, ensure it is affixed. If not, use electrical tape to cover it.
8. **Secure Connections:** Gently tug on all connected wires to ensure they are securely fastened.
9. **Mount Switch:** Carefully push the wired switch into the wall box and secure it with the mounting screws.

10. **Install Wallplate:** Attach the wallplate.
11. **Restore Power:** Turn the power back on at the circuit breaker.

Video: How to Install Decora Smart 15A Switch

Your browser does not support the video tag.

Video: This official Leviton video demonstrates the step-by-step physical installation process for the Decora Smart 15A Switch, including identifying wires, connecting terminals, and securing the device in the wall box. It covers the hardware installation for Z-Wave, Wi-Fi, and HomeKit versions.

OPERATING INSTRUCTIONS

Basic Switch Operation:

Once installed and power is restored, the status light on the device will turn green. Press the top of the switch to turn the light on, and press the bottom of the switch to turn it off. The switch functions like any regular light switch for manual control.



Image: A finger is shown pressing the bottom of a white Leviton Decora Smart Wi-Fi Switch, demonstrating manual operation.

My Leviton App Control:

To unlock smart features, download the My Leviton app (available for iOS and Android). Follow the in-app setup wizard to connect your switch to your Wi-Fi network. No additional hub is required for Wi-Fi control.



Image: A smartphone displaying the My Leviton app interface, showing control options for various smart home devices, including a switch.

App Features:

- **Remote Control:** Turn lights on/off from anywhere.
- **Schedules:** Create time-based schedules, including sunrise/sunset, for automated lighting.
- **Scenes:** Group multiple devices to activate with a single command (e.g., 'Movie Night' scene).
- **Customization:** Adjust settings like fade rates and bulb types for optimal performance.

Video: How to Use the My Leviton App

Video: This official Leviton video guides users through setting up and using the My Leviton app to create schedules and activities for their Decora Smart Wi-Fi devices. It demonstrates how to customize device functionality and group devices into rooms.

MAINTENANCE

The Leviton Decora Smart Wi-Fi Switch requires minimal maintenance. Periodically wipe the surface with a soft, damp cloth to keep it clean. Avoid using harsh chemicals or abrasive cleaners, as these can damage the finish. Ensure the switch plate is securely fastened to prevent dust and debris accumulation.

TROUBLESHOOTING

Common Issues and Solutions:

- **Lights Not Turning On/Off:**

- Verify that the power is on at the circuit breaker.
- Ensure all wiring connections are secure and correct according to the installation instructions.
- If the issue persists, refer to the detailed troubleshooting section in the full product manual or contact Leviton support.

- **Wi-Fi Disconnection/Reconnection Issues:**

- Ensure your Wi-Fi router is functioning correctly and within range of the switch.
- Power cycle the switch by turning off the circuit breaker for a few minutes, then turning it back on.
- If the switch does not reliably reconnect after a power outage or router restart, check for firmware updates via the My Leviton app.
- If problems persist, consider contacting Leviton Technical Support for advanced diagnostics.

- **Status Light Behavior:**

- A solid green light indicates the switch is connected to Wi-Fi and operating normally.
- A flashing green light indicates the switch is ready for Wi-Fi setup.
- If the light is off or flashing red/orange, there may be a power or connection issue. Refer to the installation and setup sections.

SPECIFICATIONS

Feature	Detail
Operation Mode	Smart Switch
Current Rating	15 Amps
Operating Voltage	120 Volts (AC)
Contact Type	Plastic
Connector Type	Plastic
Terminal	Spst
Item dimensions L x W x H	2.1 x 1.4 x 4.1 inches
Circuit Type	3-way
Mounting Type	Wall Mount
Actuator Type	Push Button

Contact Material	Plastic
Number of Positions	2
Controller Type	Amazon Alexa, Google Assistant, IFTTT
Control Method	Voice
Connectivity Protocol	Wi-Fi
Color	White
Wattage	600 watts
Number of Items	1
Manufacturer	Leviton
Compatible Devices	Amazon Alexa, Google Assistant, IFTTT, SmartThings, August
Part Number	DW15S-1BZ
Item Weight	4.5 ounces
Product Dimensions	2.1 x 1.4 x 4.1 inches
Style	Switch
Voltage	120 Volts

WARRANTY

The Leviton Decora Smart Wi-Fi 15A Universal LED/Incandescent Switch is supported by a **Limited 5-Year Warranty**. For details regarding warranty claims and service, please refer to the documentation included with your product or contact Leviton customer support.

SUPPORT

For technical assistance, troubleshooting, or any questions regarding your Leviton Decora Smart Wi-Fi Switch, please contact Leviton customer support directly. You can find contact information on the official Leviton website or within the My Leviton app.