Brilliant BHS120US-WH1

Brilliant Smart Dimmer Switch Instruction Manual

Model: BHS120US-WH1

Introduction

The Brilliant Smart Dimmer Switch is an advanced in-wall lighting control device designed to integrate seamlessly into your smart home ecosystem. It offers intuitive control over your lighting, including dimming capabilities, motion detection, and scene activation. This dimmer switch is compatible with popular smart home platforms such as Alexa, Google Assistant, Apple HomeKit, and smart lighting brands like Hue, LIFX, SmartThings, TP-Link, and Wemo.
This manual provides essential information for the proper installation, operation, and maintenance of your Brilliant Smart Dimmer Switch.

Product Features



Front view of the Brilliant Smart Dimmer Switch, showcasing its sleek white design.

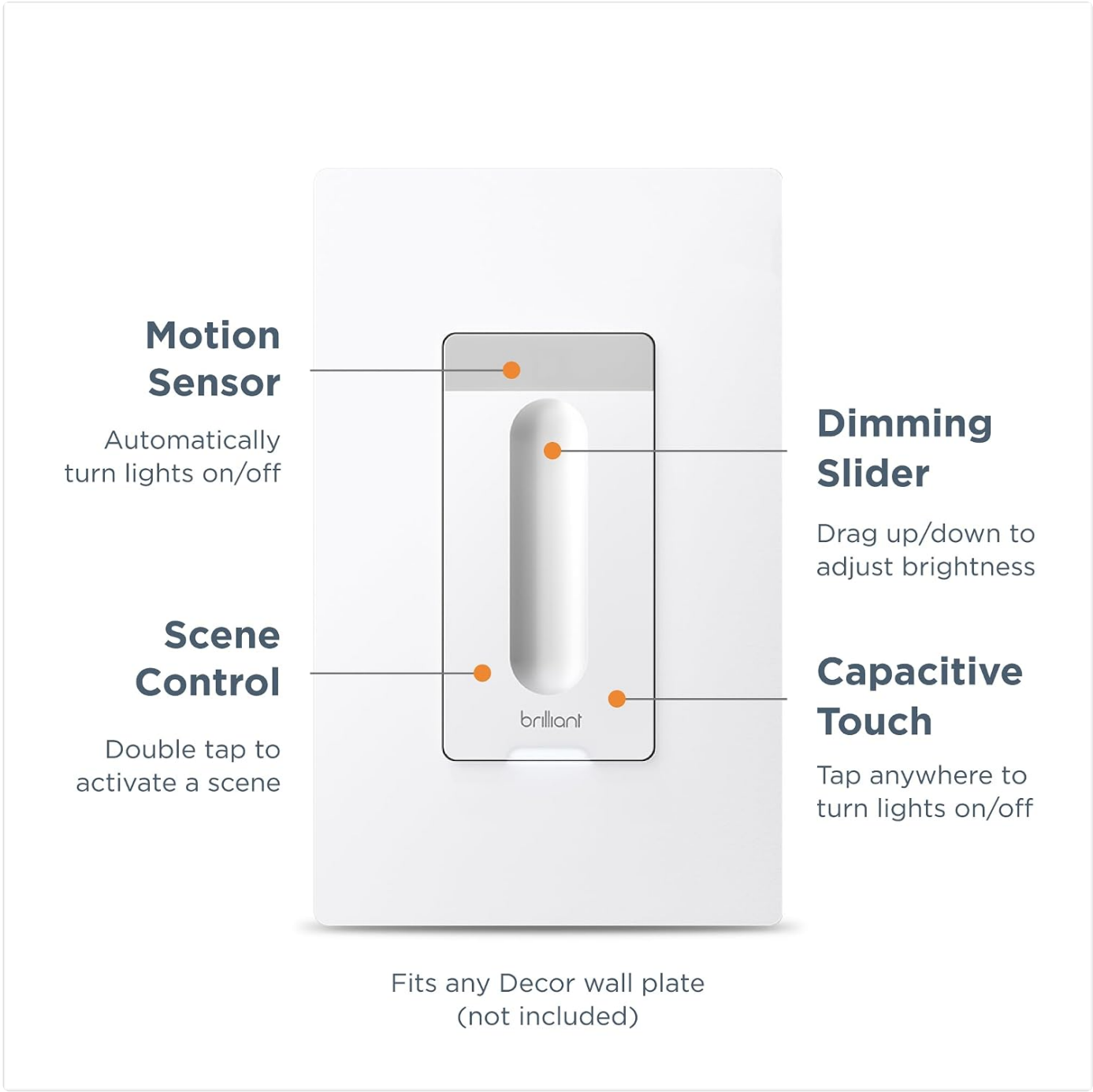


Diagram highlighting key features: Motion Sensor for automatic light control, Dimming Slider to adjust brightness, Capacitive Touch for on/off, and Scene Control for activating pre-set scenes.

The Smart Dimmer Switch includes a built-in motion sensor to automatically turn lights on/off, a dimming slider for precise brightness control, and capacitive touch for simple on/off functionality. It also supports scene control, allowing you to activate custom lighting scenes with a double tap.

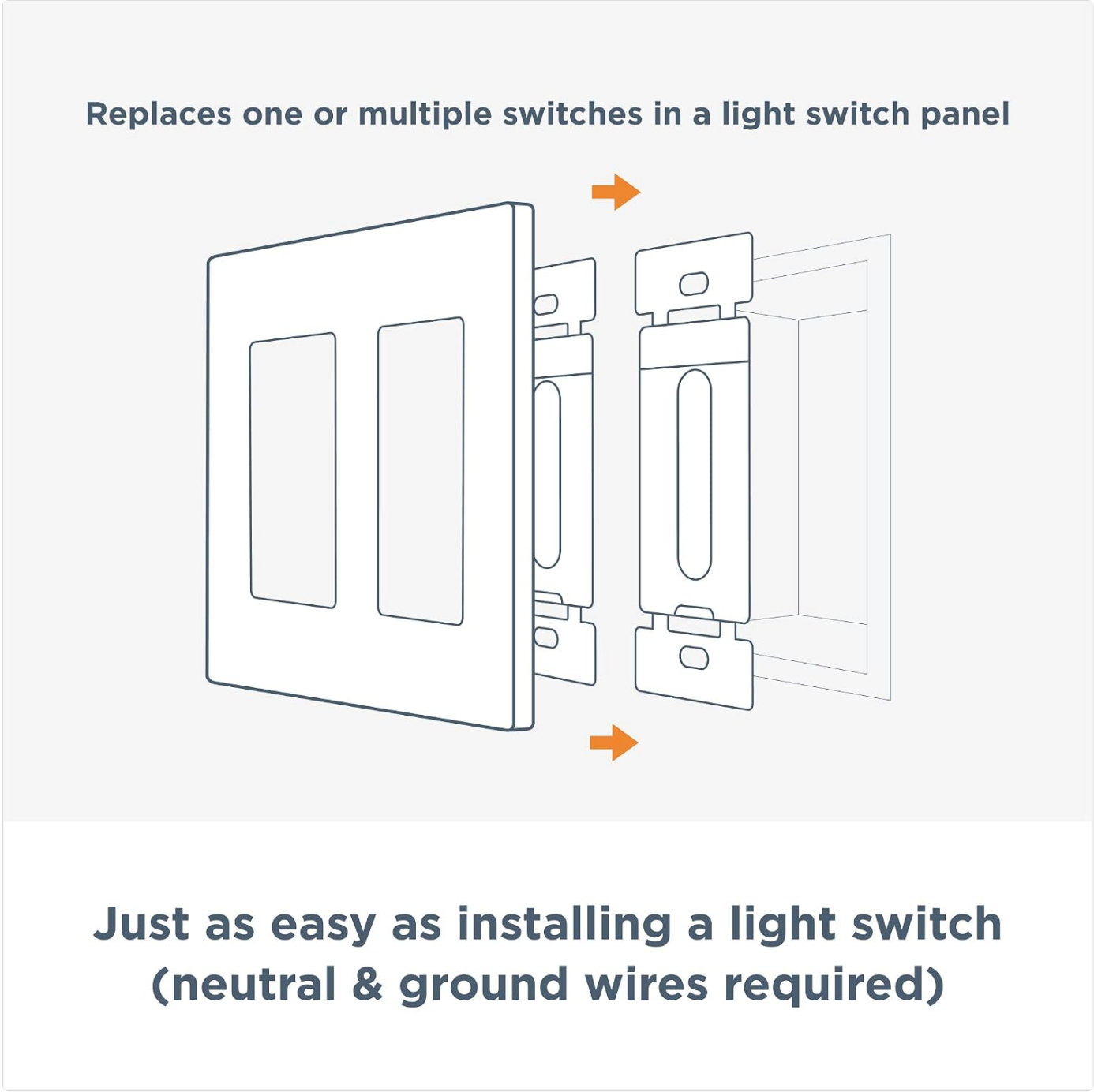
Setup and Installation

Important: A Brilliant Control panel must be installed and configured for the Smart Dimmer Switch to function. The dimmer switch connects to your Brilliant Control via Bluetooth.



At least 1 Brilliant Control must be installed for Smart Dimmer Switches to work

The Smart Dimmer Switch requires at least one Brilliant Control panel for operation.



Installation is similar to a standard light switch, requiring neutral and ground wires.

Installation Steps:

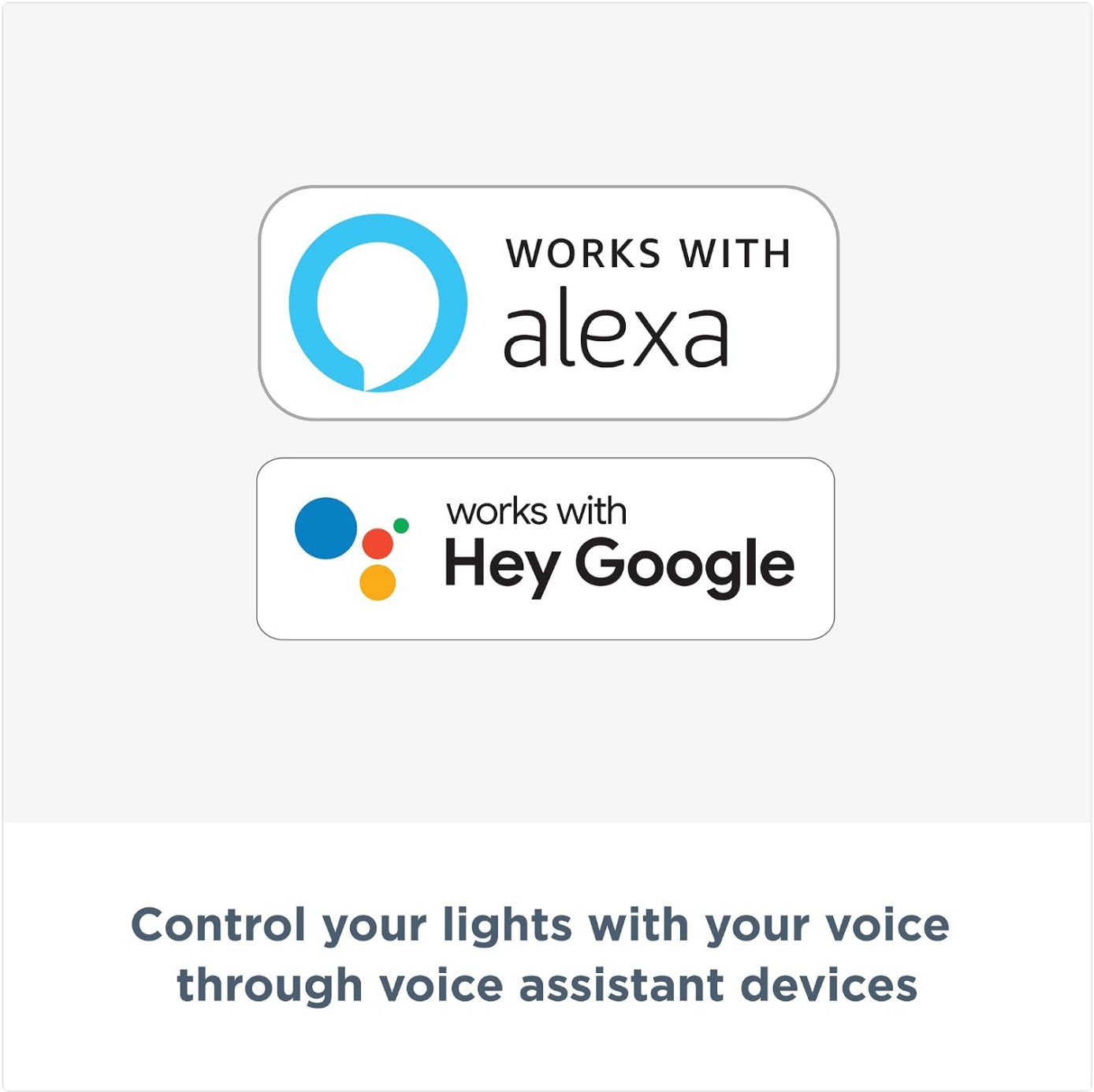
1. **Safety First:** Turn off power at the circuit breaker before beginning installation.
2. **Remove Old Switch:** Carefully remove your existing light switch from the wall box.
3. **Identify Wires:** Identify the Line, Load, Neutral, and Ground wires. The Brilliant Smart Dimmer Switch requires neutral and ground wires for proper operation. If you are unsure, consult a qualified electrician.
4. **Connect Wires:** Connect the wires from the wall box to the corresponding terminals on the Brilliant Smart Dimmer Switch. Ensure all connections are secure.
5. **Mount Switch:** Secure the dimmer switch into the wall box and attach your existing Decora-style wall plate (not included).
6. **Restore Power:** Turn power back on at the circuit breaker.
7. **Pairing:** Follow the instructions on your Brilliant Control panel to pair the new Smart Dimmer Switch. This typically involves a discovery process within the Brilliant app or on the control panel itself.

Operating Your Smart Dimmer Switch

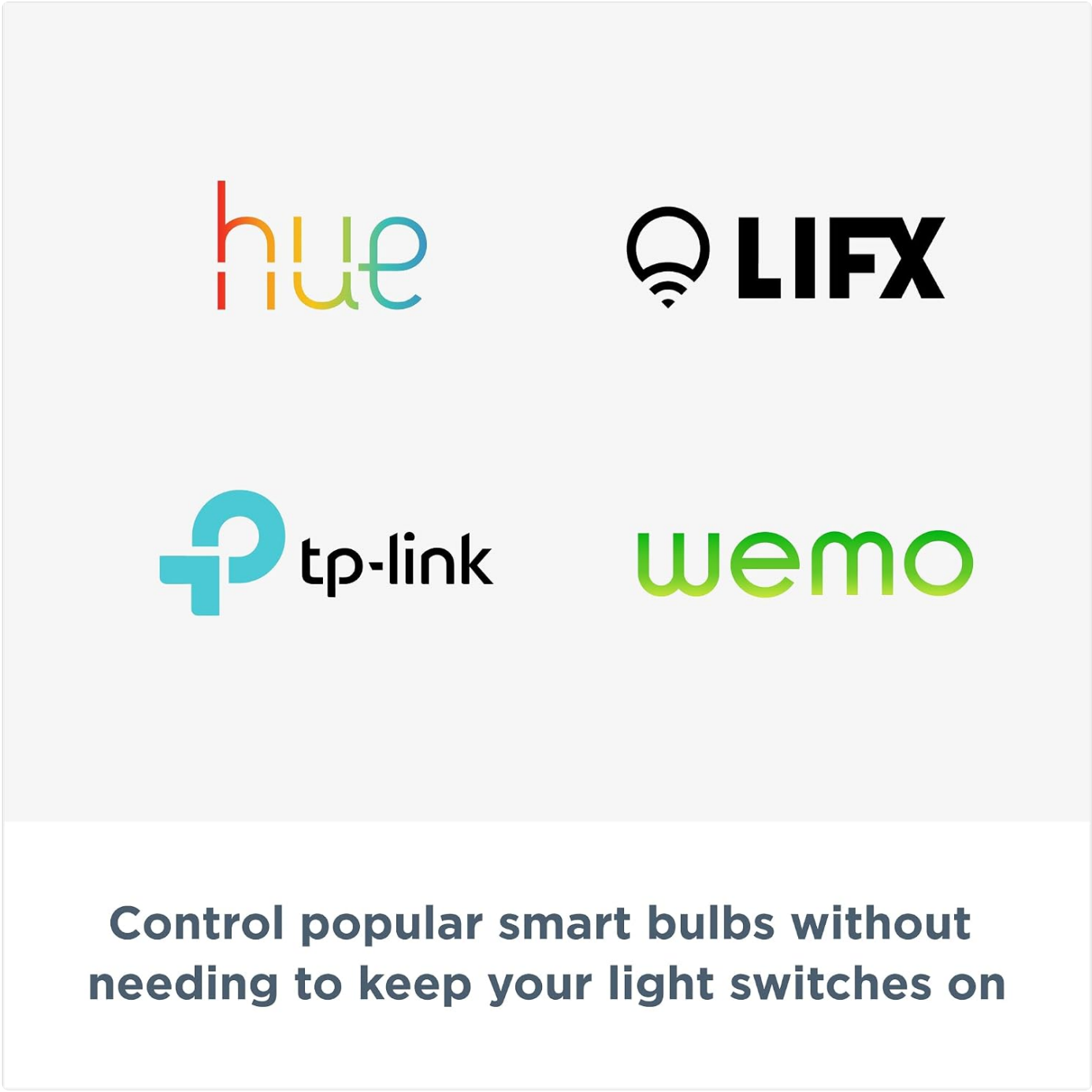
Manual Control:

- **On/Off:** Tap anywhere on the capacitive touch surface to toggle lights on or off.
- **Dimming:** Use the vertical dimming slider to adjust the brightness level of your lights. Slide up to brighten, down to dim.
- **Scene Activation:** Double-tap the capacitive touch surface to activate a pre-configured scene.

Smart Control and Automation:



Control your lights using voice commands through Amazon Alexa or Google Assistant devices.



Integrates with popular smart bulbs like Philips Hue, LIFX, TP-Link, and Wemo, allowing control without needing to keep physical switches on.



Automatically turns lights on/off based on built-in motion detection

The built-in motion sensor can automatically turn lights on or off based on detected movement.



Control your lights from any Brilliant Smart Home Control Panel

Manage your lights and other smart devices directly from any Brilliant Smart Home Control Panel.

The Brilliant Smart Dimmer Switch enhances your smart home experience by allowing control through voice assistants (Alexa, Google Assistant), integration with various smart bulbs, and automated lighting based on motion detection. All these features can be managed and customized through your Brilliant Control panel or the Brilliant mobile application.

Product Overview Video:

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An official video introducing the Brilliant Smart Home System and its capabilities, including the dimmer switch.

Maintenance

To maintain the performance and appearance of your Brilliant Smart Dimmer Switch, follow these guidelines:

- **Cleaning:** Use a soft, dry, or slightly damp cloth to clean the surface of the switch. Avoid abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish.
- **Dust Removal:** Regularly dust the switch to prevent accumulation that could affect the motion sensor or touch

sensitivity.

- **Environmental Conditions:** Ensure the switch is installed in an indoor environment within recommended temperature and humidity ranges. Avoid exposure to direct water or extreme temperatures.

Troubleshooting

If you encounter issues with your Brilliant Smart Dimmer Switch, try the following troubleshooting steps:

Problem	Possible Cause / Solution
Switch is unresponsive / Lights do not turn on/off	• Check the circuit breaker to ensure power is supplied to the switch. • Verify that the dimmer switch is correctly wired (Line, Load, Neutral, Ground). • Ensure a Brilliant Control panel is powered on and within Bluetooth range. • Attempt to re-pair the dimmer switch with your Brilliant Control panel via the Brilliant app.
Dimming not working correctly	• Confirm that the connected light bulbs are dimmable. • Check settings in the Brilliant app for any dimming limits or calibration issues.
Motion sensor not detecting movement	• Ensure the motion sensor is not obstructed. • Check motion sensor settings in the Brilliant app (e.g., sensitivity, timeout).
Cannot connect to smart home platforms (Alexa, Google Assistant)	• Verify your Brilliant Control panel has an active internet connection. • Ensure the Brilliant skill/service is enabled in your Alexa or Google Home app. • Check that your Brilliant and smart home accounts are properly linked.

If these steps do not resolve the issue, please refer to the Brilliant support website or contact customer service for further assistance.

Specifications

- **Model Number:** BHS120US-WH1
- **Product Dimensions:** 1.3 x 1.6 x 4 inches
- **Item Weight:** 1.6 ounces
- **Operation Mode:** Manual, Smart Control
- **Contact Type:** Normally Open
- **Connector Type:** Screw Terminal
- **Terminal:** Screw
- **Circuit Type:** Parallel
- **Actuator Type:** Touch
- **Contact Material:** Metal

- **Number of Positions:** 2
- **Compatibility:** Requires Brilliant Control. Works with Alexa, Google Assistant, Apple HomeKit, Hue, LIFX, SmartThings, TP-Link, Wemo.
- **First Available Date:** June 17, 2020
- **Manufacturer:** Brilliant

Warranty and Support

For detailed warranty information and customer support, please visit the official Brilliant Home Technology website or contact their customer service department. Keep your proof of purchase for warranty claims.
Brilliant Support: www.brilliant.tech/pages/support

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Email

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question