

Jasco 45852

Jasco 45852 Smart Dimmer User Manual

Model: 45852

INTRODUCTION

The Jasco 45852 Smart Dimmer is a Zigbee-certified plug-in device designed for wireless control of your home's plug-in lights. It allows for remote dimming and on/off functionality, integrating with various Zigbee-compatible gateways and smart home systems. This manual provides instructions for setup, operation, and maintenance of your smart dimmer.

PRODUCT FEATURES

- **Zigbee Compatibility:** Works with Zigbee-certified gateways, including Amazon Echo Plus, Echo Show (2nd gen), SmartThings, Wink, PEQ, and Logitech Harmony Home Hub Extender.
- **Dual Outlet Design:** Features one Zigbee-controlled, polarized outlet for dimming and one always-on, grounded outlet.
- **Remote Operation:** Control ON/OFF and brightness functions of indoor plug-in dimmable LED, CFL, incandescent, and halogen lighting from mobile devices.
- **Energy Monitoring:** Provides energy reporting to help reduce electrical costs.
- **Space-Saving Design:** Side-access outlets and compact construction allow for discreet placement without blocking the second outlet of a duplex receptacle.
- **Manual Control:** Includes a manual On/Off and program button on the device.
- **Wireless Range:** Up to 150ft from the controller or closest Zigbee device.

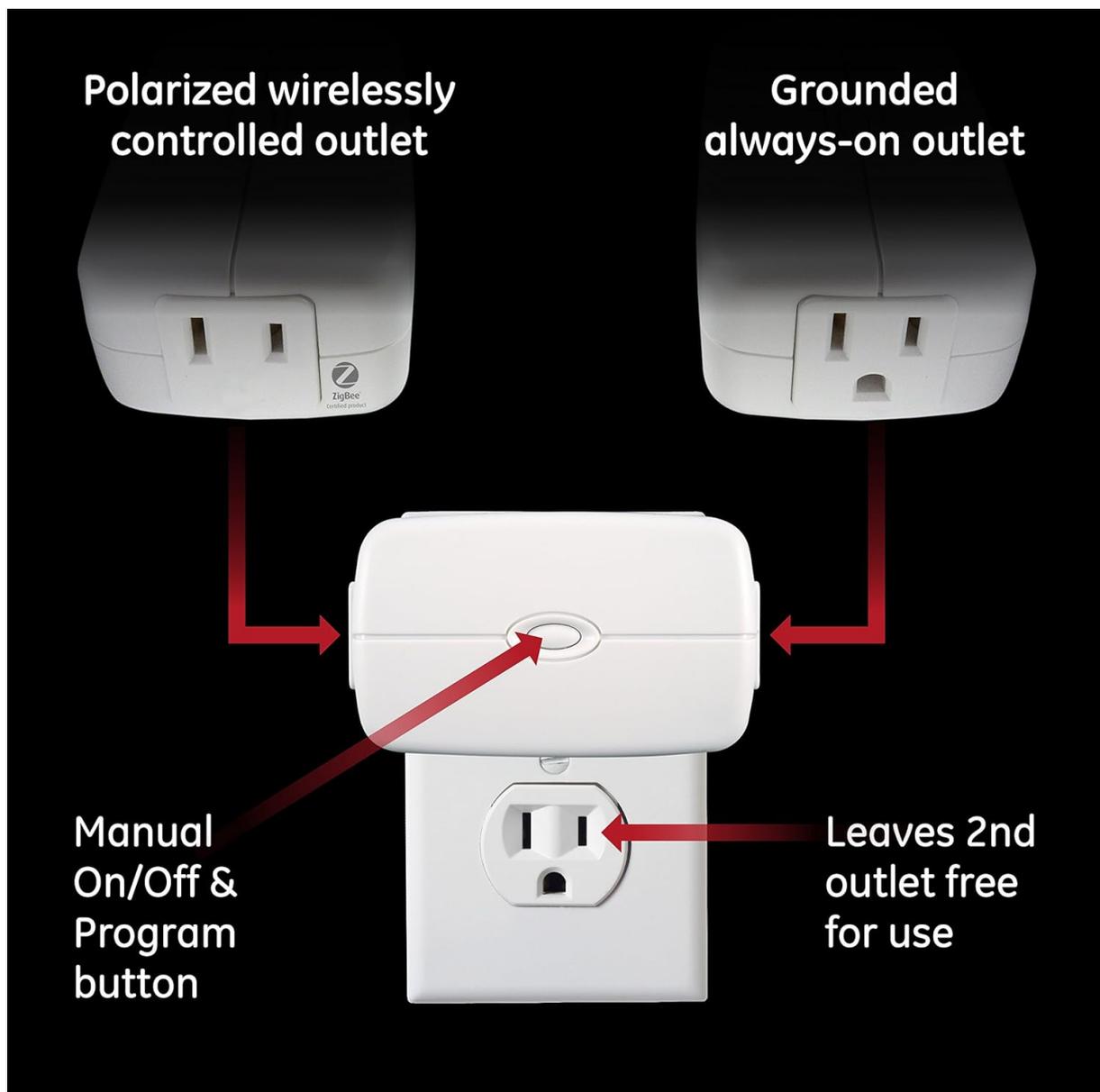


Image: The Jasco 45852 Smart Dimmer showing its polarized wirelessly controlled outlet, grounded always-on outlet, and the manual On/Off & Program button. Its design ensures the second wall outlet remains free for use.



Image: A diagram illustrating how multiple Jasco Smart Dimmers can extend the Zigbee wireless range throughout a home, creating a mesh network for reliable control.

SETUP AND INSTALLATION

1. **Placement:** Plug the Jasco 45852 Smart Dimmer into a standard 120V AC wall outlet. Ensure it is placed within range of your Zigbee gateway or another Zigbee device to ensure proper network connectivity. The compact design allows it to fit behind furniture and leave the second outlet free.

2. **Connect Device:** Plug the dimmable light fixture you wish to control into the polarized smart outlet of the dimmer. The other grounded outlet provides continuous power and is not dimmable.
3. **Pairing with a Zigbee Gateway:**
 - Follow the instructions provided by your specific Zigbee gateway (e.g., Amazon Echo Plus, SmartThings, Wink) to add a new device.
 - Typically, this involves putting your gateway into "discovery" or "pairing" mode.
 - Once your gateway is in pairing mode, press the manual On/Off & Program button on the Jasco Smart Dimmer. The LED indicator on the dimmer will flash to indicate pairing mode and then turn solid when successfully paired.
 - *Note:* When pairing with SmartThings, it may be recognized as a "GE" device.
4. **Testing:** After successful pairing, test the dimmer by using your gateway's app or voice commands (if applicable) to turn the connected light on/off and adjust its brightness.

The Jasco 45852 Smart Dimmer is compatible with Amazon Alexa devices when connected through a certified hub, or directly with Echo Plus and Echo Show (2nd gen). It is not compatible with Philips Hue (Zigbee Light Link – ZLL).

OPERATING INSTRUCTIONS

Manual Control

The manual On/Off & Program button on the front of the dimmer allows for direct control of the connected light.

- Press the button once to turn the connected light ON or OFF.
- To adjust brightness manually, press and hold the button. Release when the desired brightness level is reached.

Remote Control via Zigbee Gateway

Once paired with your Zigbee gateway, you can control the dimmer wirelessly using your gateway's mobile application, computer interface, or voice commands (if supported by your gateway and voice assistant).

- **On/Off Control:** Use the app or voice command to toggle the light connected to the smart outlet.
- **Dimming:** Adjust the brightness level from 0-100% through your smart home app. Dimming lights can help reduce energy costs and extend bulb life.
- **Scheduling:** Create custom schedules for your lights to turn on/off or dim at specific times.
- **Scenes:** Integrate the dimmer into custom scenes with other smart devices for automated lighting scenarios.

Customize Scenes*

Control and Dim from Anywhere*

Schedule Timed Events*

Works with any device!*
Wireless control from smartphones, tablets and PCs

Image: The Jasco Smart Dimmer being controlled wirelessly by various devices such as a smartphone, tablet, and PC, demonstrating its integration into a smart home ecosystem for customized scenes and scheduled events.



Energy Monitoring



Reduce energy consumption
and save money.

Image: A graphic illustrating energy monitoring capabilities, showing a graph of energy usage over time, highlighting how dimming can reduce energy consumption and save money.

MAINTENANCE

The Jasco 45852 Smart Dimmer requires minimal maintenance.

- **Cleaning:** Disconnect the dimmer from the power outlet before cleaning. Wipe the device with a soft, dry cloth. Do not use liquid cleaners or sprays.
- **Firmware Updates:** Periodically check your Zigbee gateway's application for any available firmware updates for connected devices. Follow the gateway's instructions for applying updates.

TROUBLESHOOTING

Problem	Possible Cause / Solution
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Problem	Possible Cause / Solution
Light does not turn on or dim.	<ul style="list-style-type: none"> • Ensure the dimmer is securely plugged into a working outlet. • Verify the connected light bulb is functional and properly screwed in. • Check if the dimmer is properly paired with your Zigbee gateway. Re-pair if necessary. • Confirm the light bulb is dimmable. Non-dimmable bulbs may not function correctly or at all. • For low-draw LED bulbs, try setting the dimmer to a higher percentage (e.g., 70%) if the bulb doesn't turn on at 100%. Some low-wattage bulbs require a minimum load to activate.
LED lights blink or glow dimly when off.	<ul style="list-style-type: none"> • This can be caused by residual voltage (voltage leakage) common with some LED bulbs and dimmers. Try using a different brand or type of dimmable LED bulb. • Ensure the dimmer is compatible with your specific LED bulb type.
Dimmer cannot pair with gateway.	<ul style="list-style-type: none"> • Ensure your gateway is in pairing/discovery mode. • Confirm the dimmer is within range of the gateway or another Zigbee device acting as a repeater. • Verify your gateway is Zigbee-certified and compatible with the Jasco 45852. (Note: Not compatible with Philips Hue ZLL). • Try resetting the dimmer to factory settings (refer to your gateway's instructions or Jasco support for specific reset procedures if the manual button doesn't work).
Remote control is unresponsive.	<ul style="list-style-type: none"> • Check the Zigbee network status on your gateway. • Ensure the dimmer is still connected to the network. • Verify your mobile device or computer has an active internet connection if controlling remotely. • The wireless range is up to 150ft from the controller or closest Zigbee device. Obstacles can reduce this range.

SPECIFICATIONS

Feature	Detail
Model Number	45852
Power Source	120 VAC, 60 Hz
Maximum Load (Dimmable Outlet)	300W Incandescent, 100W Dimmable LED/CFL
Maximum Load (Always-On Outlet)	15 Amps, 1800W Resistive
Connectivity Protocol	Zigbee
Wireless Range	Up to 150 ft. from controller or closest Zigbee device
Operating Temperature	32-104°F (0-40°C)
Dimensions (L x W x H)	4 x 1.4 x 2.4 inches (101.6 x 35.6 x 60.9 mm)
Item Weight	7.2 ounces
Color	White

Feature	Detail
Usage	Indoor use only



Image: A diagram showing the physical dimensions of the Jasco 45852 Smart Dimmer, measuring 4 inches in length, 1.4 inches in width, and 2.4 inches in height.

The image shows the packaging for the JASCO Plug-In Smart Dimmer. The text on the packaging is as follows:

- JASCO®**
- Plug-In Smart Dimmer**
- Enfichable Gradateur Intelligent**
- Energy Monitoring**
Surveillance de la consommation d'énergie
- Wirelessly control, schedule and dim lights from anywhere***

 A small image of the white smart dimmer is visible in the bottom right corner of the packaging.

Works with dimmable LED, CFL
halogen and incandescent bulbs.

Contrôler sans fil les feux
de calendrier et gradateur
ou d'autres dispositifs de
n'importe où*

Fonctionne avec toutes
les LED, CFL, ampoules à
incandescence et halogènes



Use any mobile device!*

Utilisez n'importe quel
appareil mobile!*



ZigBee[®]
Certified product

**Maximum load for ZigBee
controlled outlet**

300W Incandescent
100W Dimmable CFL/LED

**Maximum load for
both outlets**

15 Amps
1800W Resistive

Power
120VAC, 60Hz

Signal Frequency
2.4 GHz

Wireless Range
Up to 120 feet from controller
or closest ZigBee device.

**Operating Temperature
Range 32-104° F (0-40° C)**
For indoor use only

**Charge maximale pour
prise commandée ZigBee**
300 W (incandescent);
100 W (lampes fluocompactes/à
DEL à intensité réglable)

**Charge maximale pour
les deux prises**
résistance de 1 800 W (15 A)

Alimentation
120 V c.a., 60 Hz

Fréquence du signal
2,4 GHz

Portée sans fil
Jusqu'à 120 pieds à partir de la
télécommande ou du dispositif
ZigBee le plus proche

**Plage de températures de
fonctionnement**
De 32 à 104 °F (de 0 à 40 °C)

**L'interrupteur doit être
installé à l'intérieur.**

45852 Ver 1.0

Date: 1504

Qty. **1**

Image: The product packaging for the Jasco Plug-In Smart Dimmer, displaying key specifications such as maximum load for incandescent and dimmable LED/CFL bulbs, amperage, voltage, wireless range, and operating temperature.

WARRANTY INFORMATION

The Jasco 45852 Smart Dimmer comes with a **2-year limited warranty**. For detailed terms and conditions, please refer to the warranty documentation included with your product or visit the official Jasco website.

CUSTOMER SUPPORT

For further assistance, technical support, or to inquire about warranty claims, please contact Jasco

customer support.

- **Website:** Visit the official Jasco Products website for FAQs, support resources, and contact information.
- **Phone/Email:** Refer to the product packaging or Jasco's website for the most current contact details.