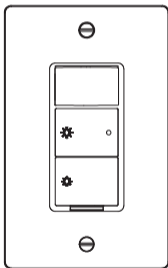


USER GUIDE

Smart Dimmer with Motion Sensor



THANK YOU

We appreciate the trust and confidence you have placed in Commercial Electric through the purchase of this Smart Dimmer. We strive to continually create quality products designed to enhance your home. Visit us online to see our full line of products available for your home improvement needs. Thank you for choosing Commercial Electric!

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Safety Information



WARNING:

- Not compatible with standard 3-way or 4-way. Do not exceed the load power rating limit of the device. Maximum total wattage rating: Up to 150 total watts for LED and CFL; 500W/120V for Incandescent/Halogen.
- This product is to be installed or used in accordance with electrical codes and regulations. If you are unsure of any part of the instructions, consult an electrician.
- Save this instruction sheet. It contains important technical data along with testing and troubleshooting information which will be useful after installation is complete.
- Do not disassemble the product or make repairs yourself. You run the risk of electric shock and voiding the limited warranty. If you need service, or if you need assistance, please contact Customer Service.



CAUTION:

TO REDUCE THE RISK OF OVERHEATING AND POSSIBLE DAMAGE TO OTHER EQUIPMENT, DO NOT INSTALL TO CONTROL A RECEPTACLE, A MOTOR OPERATED APPLIANCE, A FLUORESCENT LIGHTING FIXTURE, OR A TRANSFORMER-SUPPLIED APPLIANCE.

Safety Information (continued)

**ATTENTION:**

GRADATEURS COMMANDANT UNE LAMPE A FILAMENT DE TUNGSTENE- AFIN DE REDUIRE LE RISQUE DE SURCHAUFFE ET LA POSSIBILITE D'ENDOMMAGEMENT A D'AUTRES MATERIELS, NE PAS INSTALLER POUR COMMANDER UNE PRISE, UN APPAREIL A MOTEUR, UNE LAMPE FLUORESCENTE OU UN APPAREIL ALIMENTE PAR UN TRANSFORMATEUR.

FCC Regulation

Supplier's Declaration of Conformity

47 CFR § 2.1077 Compliance Information

Responsible Party

Leedarson America, Inc. 300 Technology Court SE Suite 100; Smyrna, GA 30082 1-678-293-8382

Unique Identifier: HPDA311CWB (SKU # 1006 456 159)

Contains FCC ID: 2AB2Q-LA02301

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

FCC Regulation (continued)

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.

Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: 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.

Wireless Protocol

The Wi-Fi CERTIFIED™ Logo is a certification mark of Wi-Fi Alliance®. Apple and the Apple logos are trademarks of Apple, Inc., registered in the U.S., and other countries. App Store is a service mark of Apple Inc. Google and Google Play logo are trademarks of Google LLC.



Warranty

1 YEAR LIMITED WARRANTY

This product is guaranteed to be free of defects in materials and workmanship for 1 year from the date of purchase. Guarantee does not include normal wear and tear.



Package Contents



A



B



C



D

Package Contents (continued)



E



F

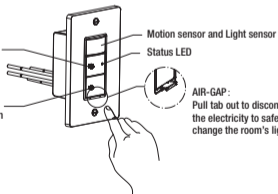
Part	Description	Quantity
A	Smart Motion Dimmer	1
B	Wall Plate	1
C	Screws for Dimmer	2
D	Wire Nuts	4
E	User Guide	1
F	Quick Start Guide	1

Dim-up:

Single press to turn on
Long press to dim-up

Dim-down:

Single press to turn off
Long press to dim-down



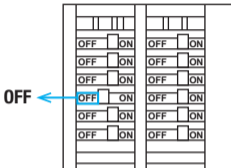
AIR-GAP:

Pull tab out to disconnect the electricity to safely change the room's light bulb.

Installation

Install the dimmer in a single gang application.

- 1 Turn power off at the circuit breaker or fuse for the dimmer that you are replacing.



- 2 Remove the old dimmer by disconnecting all wires.

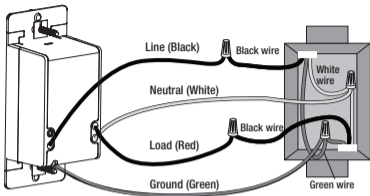
- 3 Connect the new dimmer wires with the typical household wiring as follows. If the wires are different than the diagram shown, or you are uncomfortable with the installation, call a licensed electrician for help.



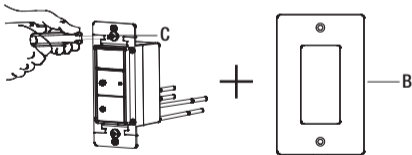
NOTE:

- Make sure that the power at the circuit breaker is off before wiring.
- **Neutral Wire is required.** Confirm the wall box contains a Neutral Wire (Typically white). If the wall box doesn't have a Neutral Wire, please try another location in your home or call a professional electrician to install the switch.
- The wire colors in the wall box indicated in this manual are the usual colors and may differ in some homes.
- Ensure the Wire Nuts (D) are securely fastened to each wire.
- Additional instructions are available on the Homedepot.com.

Installation (continued)



- 4** Mount the dimmer with the screws (C) and attach Wall Plate (B).

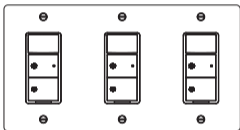
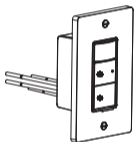


Installation (continued)

- 5** Turn power ON at the circuit breaker or fuse.
Installation is complete.

Install the dimmer in a multi-gang application.

In multi-dimmer installations, the reduction of the dimmer's capacity may be required. Refer to below chart for maximum load per dimmer.



Installation (continued)

Maximum Load Per Dimmer for Multi-gang

Load Bulb	Single	Two-Gang	Three-Gang
LED/CFL	150W	150W	150W
Incandescent/ Halogen	500W	400W	400W

**NOTE:**

- No derating is required for LED or CFL bulb applications.

Operation

- 1 Download the Hubspace™ app from the App Store or the Google Play Store.**



- 2 Create an account to sign in or log in if you already have an account.**

- 3 Connect your dimmer to power and follow the instructions on the app screen.**

**NOTE:**

- This Hubspace product requires a 2.4GHz Wi-Fi channel. Hubspace only shows Wi-Fi networks that your product can use.
- If you do not see your Wi-Fi network name when you attempt to connect your products, please check your router settings or move your product closer to your Wi-Fi router.

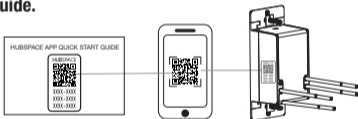
Operation (continued)

- 4** Tap the '+' button in the upper-right corner on the app screen to add your dimmer.



NOTE: Bluetooth access is required for product setup. Android phones must also enable Location functions to allow for Bluetooth scanning.

- 5** Scan the QR code on the dimmer or in the Quick Start Guide.



NOTE:

- If the QR code cannot be scanned, you can enter the code manually. Tap Enter Code and follow the instructions.
- QR code is located on the front of dimmer housing, or on the side as seen in the diagram above.

6 Using your Smart Dimmer

- To turn your dimmer on or off, tap the On/Off button on the Home Page.
- Tap the name of your Smart Dimmer on the Hubspace Home Page to display the control screen, then you can:

Operation (continued)

- 1) Dim light from 1-100%.
 - 2) Create schedules
 - 3) Control dimmer settings:
 - a) Sensor Mode - set the behavior of the light when you walk in the room and when you leave.
 - b) Grace Period - The amount of time to turn on the dimmer automatically after the movement sensor times out.
 - c) Auto-Off Timeout - Set the duration the light will stay on after motion is no longer detected.
 - d) Other Settings –
 - Fade On Duration – set the fade time when you turn on the light.
 - Fade Off Duration – set the fade time when you turn off the light.
 - Trim – set the minimum and maximum dimming levels.
 - Daytime Sensor – select the method the sensor uses to determine room darkness.
 - Light Sensitivity - set how dark the room needs to be in order for the motion sensor to turn the light on when the Sensor Mode is set to Occupancy.
 - Motion Sensitivity – set the sensitivity of the motion sensor.
 - LED Configuration – set the behavior of the LED light.
- In addition to app control, you are able to manually control the dimmer with the buttons on the product.
- 1) Dim-up button:
 - a) Single press for turn on
 - b) Long press for dim-up
 - 2) Dim-down button:
 - a) Single press for turn off
 - b) Long press for dim-down

Operation (continued)

3) Manual trim setting:

Default trim is 20%-100%. The dimming range can be adjusted in the app to different values on a per-product basis.

The trim can also be set without the app in the following manner:

- a) Short presses the “dim-up” and “dim-down” buttons at the same time three times. This enters the configuration mode.
- b) The LED goes solid green to indicate that it is in configuration mode.
- c) Set the upper trim (a value between 50% and 100%) by using “Dim-up” and “Dim-down” buttons.
 - The dimmer will start at the previously set max dimmer setting, e.g., 80%.
 - Pressing the “Dim-up” button will increase the dimmer setting.
 - Pressing the “Dim-down” button will decrease the dimmer setting.
- d) After setting the maximum setting, short press the “Dim-up” and “Dim-down” buttons once, and the LED will go solid red to indicate that you can now set the minimum setting.
 - The dimmer will start at the previously set minimum dimmer setting, e.g., 20%.
 - Pressing the “Dim-up” button will increase the dimmer setting.
 - Pressing the “Dim-down” button will decrease the dimmer setting.
- e) Short pressing the “Dim-up” and “Dim-down” buttons once will save changes made.
- f) Configuration mode will also turn off automatically if left on for more than 2 minutes (timeout) with no button presses. This will cause any changes to be discarded.

7 Set up your Voice Assistant

You can connect your smart dimmer to Google Home and Alexa from the Hubspace app. Or, you can sign in to Alexa app or Google Home and connect to your Hubspace products from there.

Mode of Operation

- Below are 3 modes of operation available to select via app.

Modes	Description	Light turns on when...	Light turns off when...
Vacancy (Default mode)	Manual turn on, Auto turn off	Single press the “Dim-up” button. OR Move around within period of time out.	If no motion is detected. OR Single press the “Dim- down” button.
Occupancy	Auto on, Auto off	Walk into the view of the sensor when the light is off and it is dark or after sunset. OR Single press the “Dim-up” button.	If no motion is detected for the duration of the programmed time period. OR It becomes daytime. OR Single press the “Dim-down” button.
Manual	Manual turn on, Manual turn off	Press the “Dim-up” button.	Press the “Dim-down” button.

- Manual operation of the dimmer is always available.
- The dimmer calculates sunrise and sunset times based on your product location and date. The product location is shown in the app.

Specification

Input	120VAC, 60Hz
Output	120VAC, 60Hz, Incandescent/Halogen 500W, CFL/LED 150W Maximum load
Network Wireless Type	2.4GHz, IEEE 802.11b/g/n
Operating Temperature	32° F(0°C)–104° F(40°C)
Operating Humidity	5-85% RH, Non-condensing
Certification	FCC, ETL

Troubleshooting

Problem	Possible cause and action
What products can be controlled with the Smart dimmer?	Dimmable function works only with dimmable bulbs. Maximum total wattage rating: -Up to 150 total watts for LED and CFL -500W/120V for Incandescent/Halogen
Light does not work with button press and LED indicator does not blink when motion is detected.	Verify wiring connections to sensor.
Light does not turn on when motion is detected.	The dimmer is in vacancy mode or manual mode.
	Motion is beyond sensing range - move closer to dimmer.
	The dimmer is not in occupancy mode, or it is brighter than the ambient light level set, or it is after sunrise.

Troubleshooting (continued)

Problem	Solution
Light or LED indicator do not turn ON.	Circuit breaker or fuse has tripped.
	Load bulb is burned out.
	Neutral connection of the loading bulb is not wired.
Light is not dimmable, has poor dimming range, flickers, or buzzes.	Make sure the load bulb is dimmable. For complete details on our bulb compatibility, please look up the item number at www.homedepot.com/commercialelectric
	Adjust the trim setting of the dimmer manually or via the app (max and min outputs of the brightness control).
My Hubspace product is not connecting to Wi-Fi.	Make sure your product is connected to a power source with correct wiring. Your Internet connection or Wi-Fi network may be down.
My product cannot find any Wi-Fi networks.	Make sure you have a 2.4GHz capable Wi-Fi network within range of the product you are trying to add.
My product is in a location that does not have Wi-Fi. Can I still use it with the Hubspace app?	Yes. Use the app on a phone with an Internet connection like LTE. The phone must be within Bluetooth range of your Hubspace product and have Bluetooth enabled.
I cannot find the QR code.	It is on the dimmer housing. A copy of the QR code is also included in your product's documentation.
The QR code has become damaged. How do I add the product?	Under the QR code are numbers. You can enter those in manually instead of scanning the code.

Troubleshooting (continued)

Problem	Solution
I lost my QR code. How do I add a product?	<ol style="list-style-type: none">1. Make sure the product is connected to power.2. In the Hubspace app, tap +, then Add product3. On the Scan product screen, tap the Search button in the lower right corner.4. Follow the instructions on-screen.
A product is on another account. How do I transfer it?	Scan the QR code and it will transfer to your account.
My product is offline for long periods of time.	Make sure your Wi-Fi signal strength is sufficient. You may need to move your router, use mesh Wi-Fi, or Wi-Fi extenders.
The product is on and I scanned the QR code, but the app cannot connect to it.	For Android phones, make sure Location is enabled because it is required for Bluetooth scanning. Turn off Bluetooth on your phone and turn it back on. Then, scan the QR code. If the problem persists, turn your phone off and on, then try again.
Can I scan the same QR code to add multiple products?	No. Each product has a unique QR code.



Questions, problems, missing parts? Before returning to the store,
call Hubspace Customer Service
8 a.m. - 7 p.m., EST, Monday-Friday, 9 a.m. - 6 p.m., EST, Saturday

1-877-592-5233

HOMEDEPOT.COM/Hubspace

Retain this manual for future use.