

⚠ WARNING: May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

Attention: Pour éviter un incendie, un choc électrique ou la mort. Coupez l'alimentation au disjoncteur ou au fusible et testez que l'alimentation est coupée avant le câblage.



FEATURES

- Dual Technology (Passive Infrared & Ultrasonic)
- 120–277 V universal voltage
- Occupancy/Vacancy operation (2-in-1)
- Integrated PIR, ultrasonic sensor, and photo sensor with hold-off function
- 4-button Bluetooth® control:
 - Dim Up
 - Dim Down
 - ON
 - OFF
- The dimming buttons are used to adjust associated lights in the same group
- The DWS102.A0 does not provide 0-10V dimming connections

SPECIFICATIONS

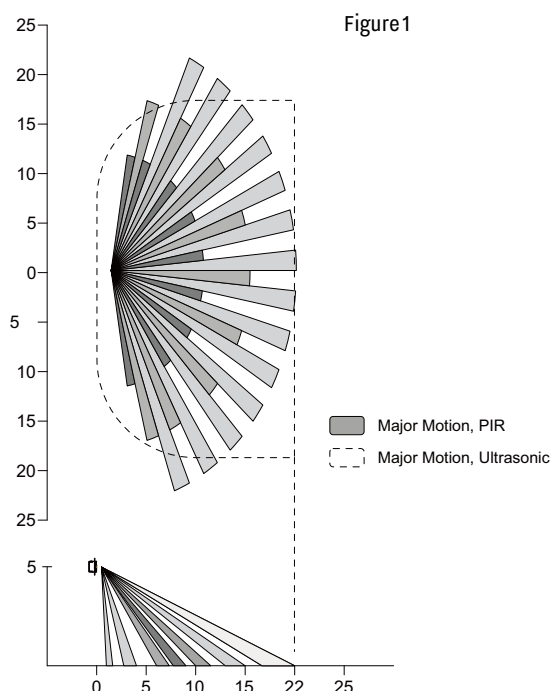
Input Voltage	AC120–277V
Frequency	50/60Hz
Output Voltage	AC120–277V
Output Current	6A Max
Output Power	720 W max @ 120 V 1662 W max @ 277 V

DESCRIPTION

- The DWS102 is a 180° dual-technology occupancy sensor that combines passive infrared (PIR) and ultrasonic detection to automatically turn lights on and off based on occupancy and ambient light levels.
- The Photocell (Light-Sensing) feature prevents lights from turning on when ambient light is sufficient.
- The sensor can be configured to turn lights on and keep them on while occupancy is detected. After no motion is sensed for a set time, lights switch off automatically.
- The DWS102 uses Bluetooth technology and is compatible with other Keilton+autani devices, controllable via the Keilton+autani app.

Coverage Area

The coverage range of the sensor switch is specified and illustrated in Figure 1. Large objects and some transparent barriers like glass windows will obstruct the sensor's view and prevent detection, causing the light to turn off even though someone is still in the detection area.



WIRING

1. Connect the wires as shown in the WIRING DIAGRAM (Figure 2): black to LINE, red to LOAD, white to NEUTRAL.
2. Gently position the wires in the wall box, then secure the sensor switch to the box.
3. Mount the device with "TOP" up.
4. Restore power at the electrical panel, then wait one minute.
5. Install the wallplate.

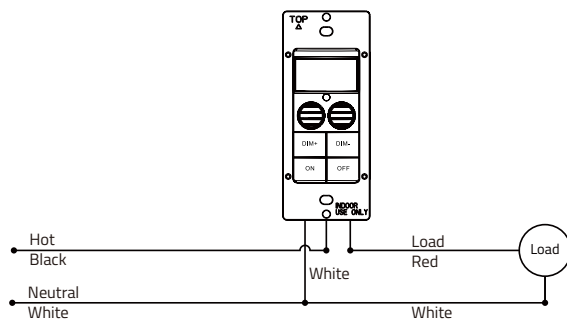


Figure 2

NOTE: DO NOT connect RED & WHITE wires on device together! It may cause short circuit!

DWS102 Indicator Light Explanation

1. Press and hold the ON and DIM+ buttons for 3 seconds to enter pairing mode.
2. Pairing mode lasts up to 30 seconds. If the device is added via the app or the timer expires, pairing mode exits. The device reconnects to its previous network (factory default or user-added), the indicator light stops flashing, and all prior settings are restored.
3. Indicator light behavior:
 - Blue flash: Motion detected (PIR).
 - Green flash: Ultrasonic detection triggered.
 - Alternating blue/green: Both detections active.

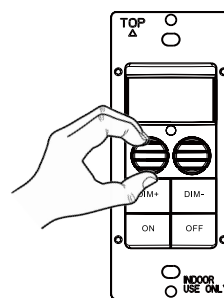


Figure 3

TIPS: This Bluetooth device is compatible with the Keilton+autani lighting control system only.

Scan a QR code below to download the app.



Scan to download the Keilton+autani app instructions



WARRANTY INFORMATION

Our company warrants this product to be free of defects in materials and workmanship for a period of five (5) years. There are no obligations or liabilities on the part of our company for consequential damages arising out of, or in connection with, the use or performance of this product or other indirect damages with respect to loss of property, revenue or profit, or cost of removal, installation or reinstallation.

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