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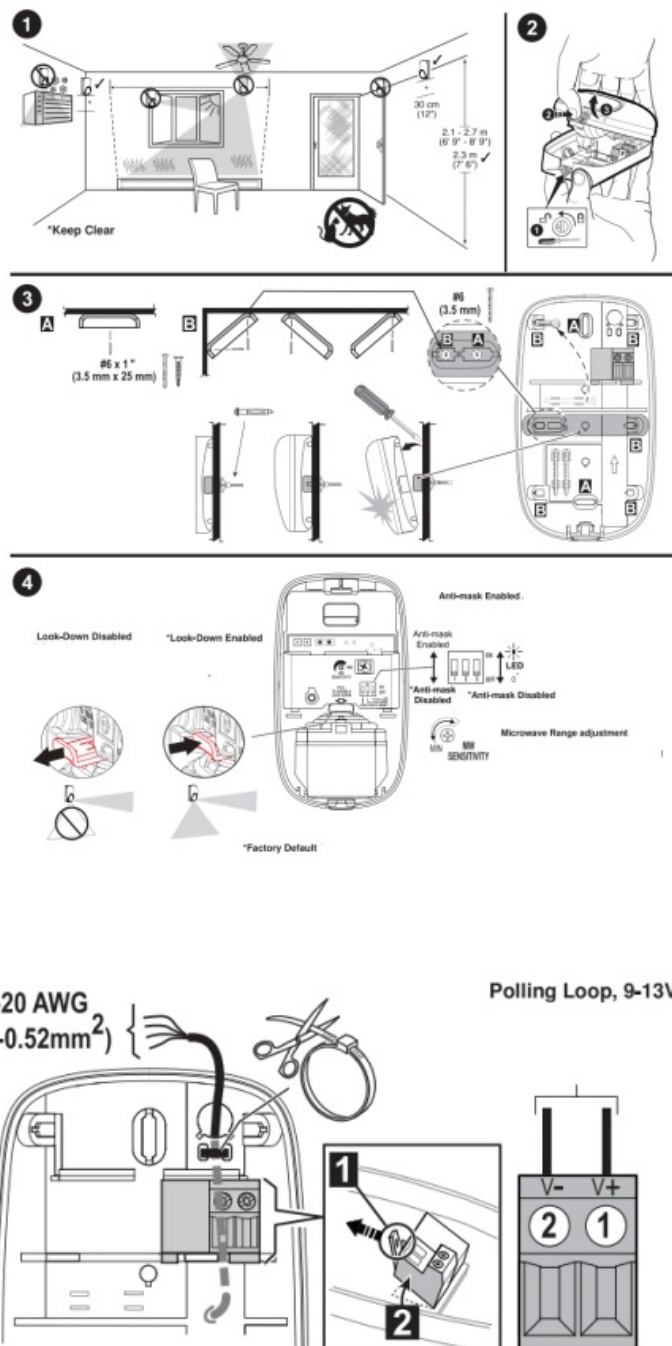
Honeywell

DT8050AF24-SN V-Plex® DUAL TEC® Motion Sensor with Anti-Mask – Quick Installation Guide

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DT8050AF24-SN Dual Tech Motion Sensor



Note A masking condition can occur when blocking or reflective material is placed in front of the sensor. Keep 12" (30cm) in front of the sensor clear.



1. Apply power to the sensor. Initialization is complete when the LED stops flashing slowly (about 30 seconds)
2. Turn the microwave sensitivity counterclockwise to reduce the microwave range

(minimum = 16.4' / 5m) and close the sensor.

3. Walk through the detection area and observe the LED.

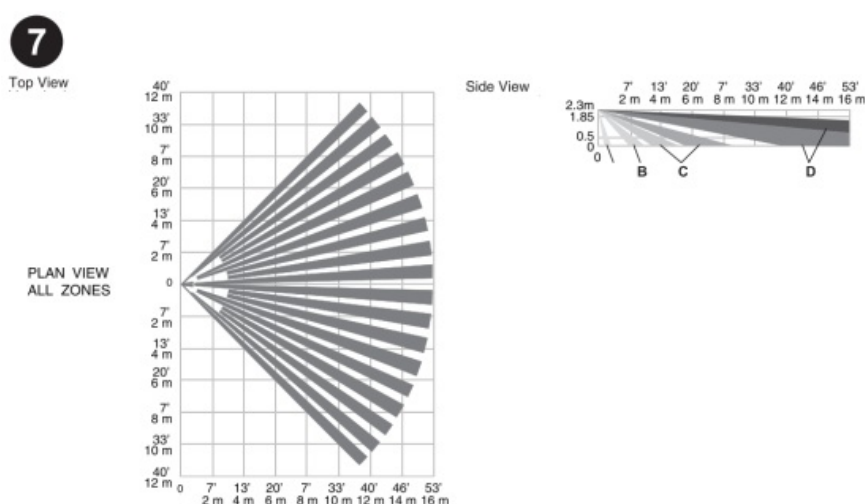
4. Adjust the microwave range as necessary to meet installation requirements..

DT&050ASN.stepB-QIG.

LED	Power Up	Walk Test	Normal	Trouble	Anti-Mask
Red	Slow Blink	ON Alarm	ON Alarm	Fast Blink	OFF
Yellow	OFF	ON Microwave	ON Microwave	OFF	Fast Blink
Green	OFF	ON PIR	ON PIR	OFF	OFF

Walk test mode is active for 10 minutes, then automatically exits test mode, disables the LED and enters normal operation mode. For an additional 10 minute walk test, enable walk test mode again with the flashlight feature.

Note: During power up and walk test modes the LED is active regardless of the LED Enable/Disable DIP switch setting.



Zones

A	2	Look-down
B	12	Lower

C	10	Intermediate
D	36	Long

FEDERAL COMMUNICATIONS COMMISSION STATEMENTS

The user shall not make any changes or modifications to the equipment unless authorized by the Installation Instructions or Users Manual. Unauthorized changes or modifications could void the user's authority to operate the equipment.

CLASS B DIGITAL DEVICE STATEMENT

This equipment has been tested to FCC requirements and has been found acceptable for use. The FCC requires the following statement for your information: This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause 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 the receiving antenna until interference is reduced or eliminated.
- Move the radio or television receiver away from the receiver/control.
- Move the antenna leads away from any wire runs to the receiver/control.
- Plug the receiver/control into a different outlet so that it and the radio or television receiver are on different branch circuits.
- Consult the dealer or an experienced radio/TV technician for help.

INDUSTRY CANADA CLASS B STATEMENT

This Class B digital apparatus complies with Canadian ICES-003.

FCC Supplier's Declaration of Conformity

Unique Identifier(Model Name): DT8050AF24-SN Responsible Party -U.S Contact Information Company name: Honeywell International Inc. Company Address: 12

Clintonville Rd Northford Connecticut 06472 United States Telephone number : [203-497-4300](tel:203-497-4300) 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. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body. This equipment complies with ISED RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

This device complies with Part 15 of the FCC Rules, and Industry Canada's license-exempt RSSs. 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.

RF EXPOSURE

Warning The antenna(s) used for this device must be installed to provide a separation distance of at least 7.8 inches (20 cm) from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC and ISED multi-transmitter product procedures

TROUBLESHOOTING:

	NORMAL	TROUBLE*	
		Mask ¹	Self-Test Failure ²
Red LED	Off	Off	Flashing
Yellow LED	Off	Flashing	Off

*TROUBLE CONDITIONS:

1. Mask condition: Sensor IR window is blocked or masked.
2. Self-Test Failure conditions:
 - Microwave supervision failure: The sensor is operating in PIR mode only.

- PIR self-test failure: The sensor is disabled.
- Temperature compensation failure: The temperature compensation is disabled.

Depending on the Trouble condition, take the following corrective actions:

- Verify the sensor is not blocked or masked.
- Cycle power to the sensor.
- Walk test the sensor.

If the Trouble condition does not clear, replace the sensor.

SPECIFICATIONS:

Electrical Ratings: 9.5-15VDC, Max. 25 mA at 9.5VDC; Max. 16 mA at 15 VDC.

Operating Temperature: 14° to 131 °F/-10° to 55 °C

Relative Humidity: 5 to 93% (UL tested at 93%); non-condensing

APPROVAL/ LISTING:

- FCC part 15, Class B verified
- IC ICES-003, Class B verified
- UL 639
- ULC S306-03

Product must be tested at least once each year

All wiring must be in accordance with: the National Electrical Code (ANSI/NFPA70); the Canadian Electrical Code, Part I (where applicable); UL681, Standard for Installation and Classification of Burglar and Holdup Alarm Systems; ULC-S302, Standard for Installation and Classification of Burglar Alarm Systems for Financial and Commercial Premises, Safes and Vaults; ULC-S310, Standard for Installation and Classification of Residential Burglar Alarm Systems; local codes and the authorities having jurisdiction.

The products are intended to be powered by a power-limited output of a ULICUL Listed Burglar Alarm control unit, or via a Listed UL2610/UL603/ULC-S318 power-limited power supply that provides 4 hours of standby power

The sensor must be mounted indoors, within the protected premises, and on a wooden stud, solid wood or with robust wall anchor.

UL Notes: All interconnecting devices must be UL Listed. The anti-mask feature has not been evaluated by UL.

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THS DEVIC 1S USED FOR DETALS REGARDNG LMTATION OF THE ENTRE
ALARMSYSTEM.

For patentinformation, see www.honeywell.com/patents


Forthe latest documentation and onliine supportnformation, lease go to:



<https://hwall.co/o9ietqum>

<https://buildings.honeywell.com/us/en/products/by-category/sensors/motion-detectors/dual-tec-24g-motion-sensor>

<https://myhoneywellbuildingsuniversity.com/training/>

 To protect the environment, a detailed instalation guide is available on the Honeywell website Please consider before printing the document!



For the latest U.S. warranty information, please go to:

www.honeywell.com/security/hsc/resources/wa or Please contact your local authorized Honeywell representative for product warranty information

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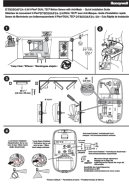
Honeywell Building Automation
Commercial Security 715 Peachtree St NE
Atlanta, GA 30308-2179
1.800.323.4576

<https://buildings.honeywell.com/us/en/products/by-category/sensors/motion-detectors/dual-tec-24g-motion-sensor>

Honeywell

PN 800-17807 Rev A

Documents / Resources

	<p>Honeywell DT8050AF24-SN Dual Tech Motion Sensor [pdf] Installation Guide</p> <p>DT8050A, DT80xx, DT8050AF24-SN, DT8050AF24-SN Dual Tech Motion Sensor, DT8050AF24-SN, Dual Tech Motion Sensor, Tech Motion Sensor, Motion Sensor, Sensor</p>
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References

- [H Sensors | Honeywell](#)
- [User Manual](#)

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🔍 DT8050A, DT8050AF24-SN, DT8050AF24-SN Dual Tech Motion Sensor, DT80xx, Dual Tech Motion Sensor, Honeywell, Motion Sensor, Sensor, Tech Motion Sensor

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