



# Care@Home<sup>TM</sup>

## **MDsense**

Getting Started

Multi-dimensional fall sensor





## Important Tips

**This guide describes how to mount and test the MDsense device**

**For successful mounting, pay attention to the following:**

- 1** Mount the device only in a corner that has an angle of  $90^\circ$
- 2** Mount the device with a distance of exactly 210 cm (82½ in.) between the bottom of the device and the floor
- 3** Mount the device on a clean suitable surface
- 4** Make sure that you remove both the long and the short protective strips from the back of the device as indicated in this guide
- 5** After removing each of the protective strips, press the device hard against the wall for 10 seconds when instructed to do so in this guide



## Select a Mounting Location

1

Only mount the device on the wall of a room in a corner with an angle of  $90^\circ$

2

On a suitable surface

Suitable surfaces include dry surfaces, painted or sealed wood and concrete, ceramic tiles

On all other surfaces, mount the device using screws. See the *MDsense User Guide* for details.

**NOTE:** It is recommended that you clean the mounting surface with the alcohol prep pads provided to remove dust, moisture and grease

3

With a distance of **exactly** 210 cm (82½ in.) between the bottom of the device and the floor



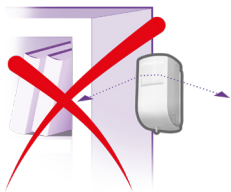
210 cm  
(82½ in.)



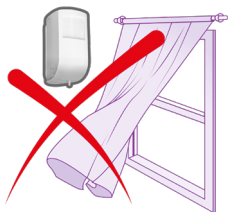
The effective detection distance for MDsense is up to 4 x 4 m (13 x 13 ft.)

4

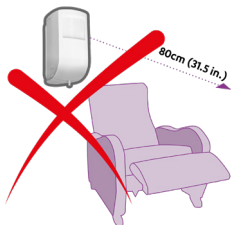
Avoid the following locations



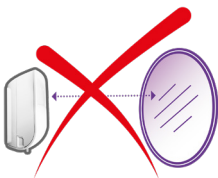
Obscured



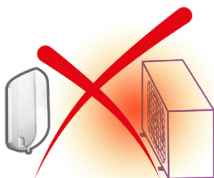
Moving objects



Anywhere within an 80cm (31.5 in.) radius of a reclining armchair



In front of a mirror



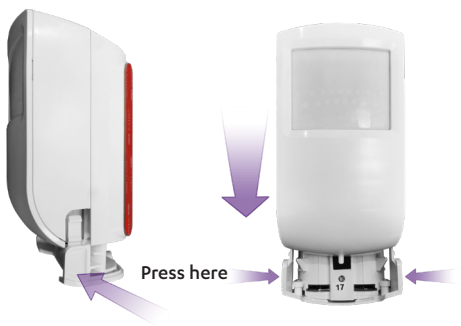
Near heater or air conditioner



## Pair the Device with the Control Panel

1

Remove the battery compartment



2

Insert the batteries into the compartment

Do not insert the battery compartment back into the device yet



3

Press the control panel PAIRING button for 3 seconds



4

Insert the battery compartment back into the device



The control panel responds with a voice announcement

**NOTE:** An installation mode lasting 20 minutes is initiated



## Perform a Range Test

1

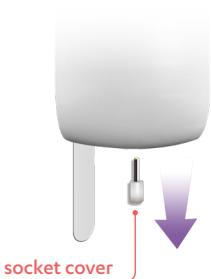
Press the control panel PAIRING button twice



The 3 indication LEDs blink, the control panel responds with a voice announcement, and the control panel activity LED blinks blue once

2

Standing at the installation location, pull out the socket cover



The device LED blinks red once. The control panel responds with a voice announcement and the control panel activity LED blinks blue once.

3

Insert the socket cover back into the device or insert the pull cord or the power cord provided with the device

4

Press the control panel RESET button



The control panel responds with a voice announcement

The control panel activity LED blinks blue once, and then the 3 indication LEDs stop blinking



## Mount the Device

**NOTE:** Use a ladder to place the device at the correct distance from the floor

- 1 Peel off the short protective strip



**Do not peel off the long protective strip yet**

- 2 Place the device against the wall to the left of the corner so that only the long protective strip is in contact with the wall

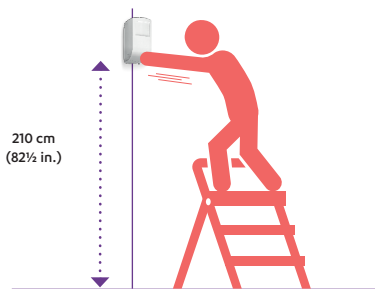
- 3 Slide the device horizontally to the right into the corner until the exposed sticking pad is in full contact with the wall





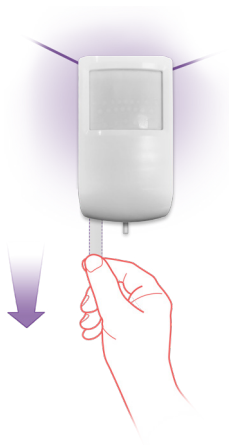
4

Press the right side of the device hard against the wall for 10 seconds until the device is securely attached to the wall. Make sure that the whole of the sticking pad is in contact with the wall.



5

Peel off the long protective strip



6

Press the left side of the device hard against the wall for 10 seconds until the device is securely attached to the wall. Make sure that the whole of the sticking pad is in contact with the wall.



## Perform a Fall Test

**During this test the technician must be alone in the room**

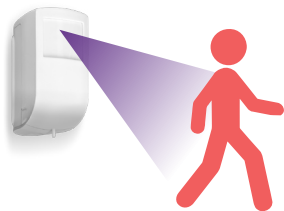
1

Remove the lens covering



2

Walk in front of the device. The LED flashes quickly.



3

Lie on the floor on your back. The red LED will turn off for up to 10 seconds. After 10 seconds, the red LED turns on again and remains solid for approximately 20 seconds. After approximately 20 seconds, the red LED turns off unless a fall is detected.



If a fall is detected the red LED blinks slowly. The control panel emergency LED blinks, an emergency alarm is initiated, and the control panel responds with a voice announcement.

4

To prevent the control panel calling the service center, press the RESET button

**Control Panel**

**RESET Button**



The control panel emits a short beep and the control panel emergency LED stops blinking

The MDsense requires a learning phase after installation. During this time, the MDsense does not transmit any alarms while it learns the room settings and identifies problematic areas. The MDsense starts normal operation after the learning phase has been completed. This can take up to seven days depending on room conditions.



## Checklist

**For effective installation, verify that you have performed the following steps:**

- 1** You have selected a suitable mounting location
- 2** You have paired the device with the control panel
- 3** You have performed a successful range test
- 4** You have mounted the device correctly and at the correct distance from the floor
- 5** You have peeled off both the short and long protective strips and pressed each side for 10 seconds
- 6** You have performed a successful fall test

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