

Pre-Sense (RG50)

User Instructions



Ramblegard[®]
stay a step ahead

***Ensuring safety whilst providing dignity
for the patient***

***PreSense is an intelligent infra-red occupancy
sensor that is activated when a toilet is occupied,
alarming only when the patient attempts to leave
the toilet.***

***This device can also be used as an alternative to
a chair or bed pad in a lounge, bedroom or ward
setting for example.***



1. Set-Up

Each Pre-Sense unit is shipped in sleep mode with the batteries already installed.

1.1 To activate the unit, swipe the magnetic reset point (as illustrated on face of unit) with the magnetic key to initiate a 10 second start-up sequence. The LED will flash white followed by 3 red flashes and 2 green flashes before turning blue. The device is then ready for use (in standby mode).

1.2 STANDBY Mode

When not in use, the device will be on standby, waiting to detect a person. The green LED will flash every 4 seconds.

After 2 minutes of standby, the device will become idle and flash green every 8 seconds.

1.3 Presence Detection

Once you have positioned the patient on the toilet, the sensor will be armed within +8 seconds. It will then verify if the toilet (in this scenario) is occupied by flashing green for 6 seconds.

Once the sensor recognises the presence of person, the LED will go to solid green, indicating occupied, and will also send an occupied signal to the relevant monitor.

When in operation, the sensor measures two distances, an activation distance, and a deactivation distance. This prevents false triggering of the alarm by small movements. As soon as absence is detected, the alarm will be triggered, and the RED LED will flash for 27 seconds.

1.4 PAUSE Mode

It is possible to pause the alarm in some instances e.g. if staff need to clean the area near the sensor. To do this:

- i) Using the magnetic key, swipe magnetic area on the face of the unit. The yellow LED will blink and then flash slowly (once a second) to show the PAUSE feature is active.

The unit will be paused for 120 seconds.

During the Last 10 seconds of the pause mode, the yellow LED will flash more quickly (twice a second). The unit will return to normal operation if no presence has been detected (for a continuous 10 seconds).

N.B. the PAUSE MODE can be ended manually by holding the magnetic key over the magnetic area on the face of the unit, which will skip to the last 10 seconds of the pause function. The flash pattern will increase in speed to confirm the change.

TROUBLESHOOTING

If the sensor becomes dirty, it is possible for the unit to sit with the GREEN LED constantly lit. Please use a cotton bud / Q-tip to clean the sensor window.

1.5 Battery Power

The batteries will last approx. 80 days. If battery power is too low, the unit will flash RED for 4 seconds and off for 1 second. The unit will do this until the batteries completely deplete or new batteries are installed. Once new batteries are inserted, the unit will reset automatically.



1.6 Changing Activation Distance

When you receive the Pre-Sense unit it will be set at a predetermined distance. Should you need to increase this, it can only be changed within the first 90 seconds from start-up:

- i)** Take battery out and replace after 3 seconds.
- ii)** Replace battery enclosure and place the unit in it's new position.
- iii)** Test the new activation distance with either a patient or colleague.
- iv)** The device should be in idle mode. If not, the unit does not need to be adjusted.
- v)** Hold the magnetic key over the unit reset point for 10 seconds, during which time the LED will remain Yellow.
- vi)** Once the yellow LED goes out, the new distance is set.
- vii)** To reset the distance, follow the factory reset procedure.

1.7 Factory RESET Distance

Factory reset will return the activation distance to 300mm and the deactivation distance to 350mm. To enter the Factory Reset Mode:

- i)** Turn the unit off by taking out the battery
- ii)** Hold magnet over reset point
- iii)** Turn the unit on by replacing battery
- iv)** A solid, red LED will illuminate for 10 seconds
- v)** Remove the magnet
- vi)** The RED and GREEN LED's will flash alternatively as the Factory Reset is performed.

1.8 SLEEP Mode

After the unit has been on for more than 90 seconds, the DISTANCE CHANGE MODE can no longer be accessed, but the unit can be put into SLEEP MODE to preserve batteries for long periods of inactivity.

- i)** Hold the magnetic key over the reset point (on face of the Pre-Sense unit) for 10 seconds, during which time the LED will remain Yellow.
- ii)** Once the Yellow LED goes out, the unit goes to sleep and a white LED flashes every 10 seconds to indicate this.



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