FREQUENCY PRECISION
SENSORS & PAGERS

Instructions
Wireless Motion sensor - (APIR)

An infrared motion sensor alerting to movement

The PIR motion sensor can be positioned in a variety of places to alert to movment through a doorway, hallway, next to a bed or over a wider area.

What's Inside

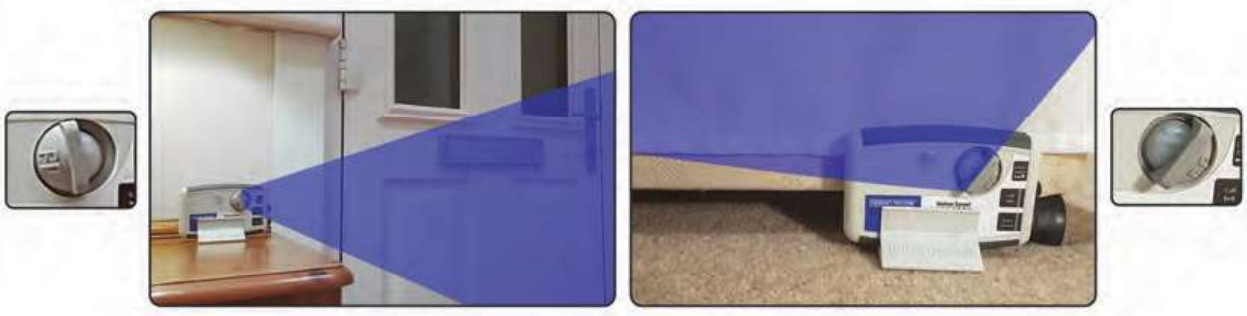
Your PIR sensor is supplied wirelessly linked to one or more pagers.
The package will contain a plastic stand and 2 x AA batteries.
The plastic stand can be used to place the sensor on any flat surface.

Setting up

Insert 2 x AA batteries into the battery compartment on the back of the unit.
The sensor should be positioned pointing towards the area where movement detection is required. When movement is detected the sensor sends an alert signal to your pager.
The control switch has three positions:
OFF - the sensor is turned off.
ON - the sensor will activate after a 30 second delay and will trigger immediately thereafter. To reset, move the control switch to "off" and then move it back to "on". This will restart the 30 second delay.
DELAY - the sensor will activate after a 5 minute delay and will be disabled for 5 minutes each time it is triggered, before automatically becoming active again.

The sensor

The sensor can detect a person up to 12 meters away. You can adjust the range by moving the two plastic covers. These can be gently rotated. Do not push the covers inwards as this can damage the unit



The batteries

The sensor is powered by two non-rechargable AA Alkaline batteries. These will last about 3 months depending on how often the sensor is triggered. The batteries should be changed when either:
a) a blue light on the unit flashes continuously.
b) if you have a text pager - the pager displays a low battery message.



Rubber Case

A rubber case and metal mounting plate is available to attach the PIR sensor to a wall or surface. Please contact us if you require this. Fix the case in position as show in the pictures above. The sensor then fits into the case and can be easily removed to replace the batteries. To detect over a large area position the sensor high up. To reduce the field position it lower down.

Delay mode

This can be used to prolong the battery life of the unit. It will also allow the caregiver to attend to the person without needing to turn the motion sensor off, The motion sensor will simply reactivate automatically after five minutes.

Troubleshooting

If the sensor fails to activate after 30 seconds (if in "ON" mode) or fails to activate after 5 minutes (if in "DELAY" mode) please replace the batteries with two brand new AA Alkaline batteries. Ensure that the linked pager is turned on. If that doesn't solve it, please contact us.

Safety Remember, daily system tests should be carried out to ensure correct function of the unit. Usage should be incorporated within safety manuals and procedures. Range tests should be carried out at least once a week, more often if critical criteria apply. This should involve testing the unit past its required range. If the unit has been dropped or it is worn by a person involved in an accident the unit should be tested again before re-use.

Care DO NOT subject this equipment to: Mechanical shock, Excessive humidity, Extremes of temperatures, Corrosive Liquids.This equipment is designed primarily for indoor use and is not water resistant. It must not be used in classified hazardous areas including areas containing explosive or flammable vapours. Consult your local product dealer for further information.

Specifications:

Control box - wireless:

Power supply	2x AA Alkaline Battery (Removable, not rechargeable)
Frequency	433.92MHz
Bit Rate	1200 - 7uV/M
Code format	POCSAG
Dimensions (pager-linked):	147mm x 88mm 25mm

Compliance:

R&TTE Directive 1999/5/EC
EMC Directive(89/336/EEC) EN 301 489 -1 V 1. 4. 1
Low Voltage Directive (7323/EEC) EN60950 : 2000
ETSI EN 300 220-1 V2 (2006 – 04)
ROHS II compliant

Liability Frequency Precision does not accept any liability for any damage or injury, howsoever caused as a result of misuse of this equipment. It is the responsibility of the user to ensure that the equipment is operated in the manner for which it was intended and that it is the correct item of equipment for the required task.
All systems can fail and it is the responsibility of the user to carry out regular tests and to determine the suitability of this equipment for any application.

Repair and replacement Frequency Precision will refund payment for any unit returned within 30 days of purchase as unsuitable for the intended purpose. Un-damaged units will be repaired free of charge within the first 12 months.

Literature Frequency Precision Ltd operates a policy of continual improvement and therefore reserves the right to modify and change any specification without prior notice.
While every possible care has been taken in the preparation of its manual, we do not accept any liability for the technical or typographical errors or omissions contained herein, nor for incidental or consequential damages arising from the use of the material.

Disposal At the end of the working life of the product it must not be disposed of with household waste but returned to Frequency Precision Ltd or disposed of at a collection
point for the re-cycling of electrical and electronic equipment.