

12m PET TOLERANT WIDE ANGLE WIRELESS PIR

The 4605 is a Supervised wireless Pet tolerant PIR, for operation with 4000 series wireless control panels. This unit is suitable for 1 cat or dog up to 25kg.

INHIBIT To prevent repeated transmissions and resultant battery drain, the PIR incorporates a 2 minute inhibit timer. When movement is detected the alarm is transmitted and then further transmissions are inhibited for 2 minutes or until the PIR has seen no movement for two minutes.

PULSE COUNT The recommended setting is no links fitted. For maximum detection sensitivity, if required, no pulse count can be used.

RECOMMENDED BATTERIES Two AA size Alkaline batteries are required, Eveready or Duracell are recommended. (Available from FM Electronics)

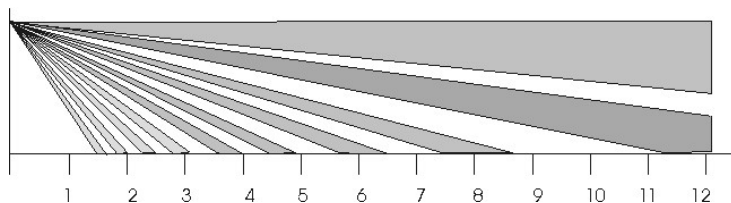
MOUNTING Corner mount the detector at a height of 2.2 meters so that anyone entering the room passes across the detection beams.

Do not mount so that the beams are looking at a window, or heat sources such as a boiler, radiator etc.

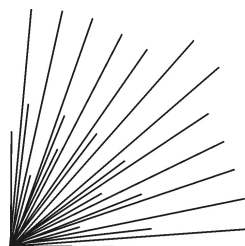
Do not mount where pets can climb, as the main beams are not pet tolerant.

TILT ADJUSTMENT In Pet applications the PCB must be set precisely central, to prevent the main beams from looking down.

In non pet applications the detection range and beam location can be controlled by adjusting the angle of tilt. This is accomplished by loosening the two PCB fixing screws and sliding the PCB up to tilt downwards or down to tilt the beams upwards.



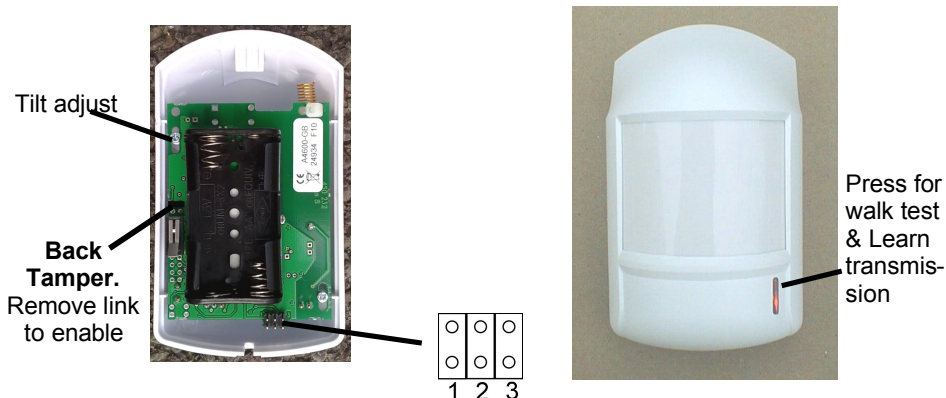
PCB set central



Plan View

WALK TEST BUTTON The light guide on the front of the detector has two functions:

1. When pressed for one second sends a Learn transmission to the control panel, enabling the device to be learned in and RSSI measurements taken.
2. Provides a user walk test facility for one minute.



PROGRAM LINKS

- NO LINKS FITTED - Pulse count =2
- LINK 1 FITTED - No pulse count
- LINK 2 FITTED - Pulse count = 4
- LINK 3 FITTED - Overrides the 2 minute inhibit. With this link fitted the PIR will transmit again after 2 minutes with continuous movement present. Link 3 is unaffected by links one or two.

ADDING A DETECTOR TO THE 4000 SERIES CONTROL PANEL

1. Connect the batteries. The detector will take approx. 6 minutes to settle. So although you can program it, the PIR will not detect movement for the initial 6 minutes & until 2 or more minutes of no movement have been detected in normal operation.
2. Enter the engineers program by keying in the engineers code (default = 4679). (The alarm LED will flash slowly to indicate that you are in engineer mode).
3. Key in the number of the zone to which the detector is to be allocated. i.e. FM4000E, 01 for zone 1. 08 for zone 8. FM4000X, 011 for zone1 device1. 012 for zone1 device2.
4. Press the walk test button. The control panel will bleep twice and a zone LED will illuminate. The zone LED's indicate the number of devices programmed onto the zone.
5. Press the Full Set key to accept, check the signal strength (see the control panel instructions for details) & then mount the device in correct position.
6. Exit Engineering mode by pressing 48 on the control panel.



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