



The Open Window Sensor Handbook



What does it do?

The Window Sensor is a simple energy saving accessory for your existing Terrier i-Temp Programmable Radiator Control (PRC).

The Window Sensor helps The Terrier i-Temp save energy by sending a radio signal when the window has been opened.

How does it work?



The Window Sensor must be “taught in” to the Terrier i-Temp before the Terrier i-Temp is able to accept commands from it. Teaching in the Window Sensor should take no more than 30 seconds.

The Window Sensor is a magnetic switch and a radio transmitter that is used to send a command directly to your Terrier i-Temp.

The Window Sensor consists of two parts - the magnet and the electronic unit. One of these parts must be attached to the window and the other to the window frame.

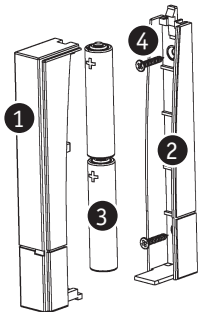
When the window is opened; the distance between magnet and electronic unit increases.

The window sensor detects this and sends a “window open” command to the Terrier i-Temp PRC.

Receiving this information, the Terrier i-Temp activates the “window open” function and the  is displayed, and the i-Temp screen flashes (). The Terrier i-Temp turns the radiator off or down.

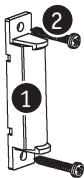
Each Terrier i-Temp PRC is capable of having up to four different accessories “taught-in”.

One Window Sensor is capable of being “taught in” to several Terrier i-Temp’s.



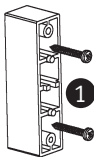
Window Sensor

- 1 Sensor cover
- 2 Sensor backplate
- 3 AAA batteries x 2
- 4 Screws x 2



Window Magnet

- 1 Window magnet backplate
- 2 Screws x 2
- 3 Magnet casing

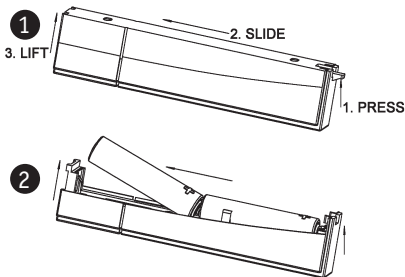


Window Spacer

- 1 Screws x 2
- 2 Spacers
- 3 Spacers

Inserting the batteries

The window contact is powered by 2 x AAA (LR03) batteries. The batteries are inserted as follows:



New alkaline batteries have a life of approximately five years.

This device does not support operation with rechargeable batteries.

- Never recharge standard batteries.
- Doing so will present a risk of explosion.
- Do not throw the batteries into a fire.
- Do not short circuit batteries.
- Used batteries should not be disposed of with regular domestic waste.

Instead, they should be taken to your local battery disposal point.

If the Window Sensor has been “taught in” whenever the Terrier i-Temp PRC receives a window open signal from the Window Sensor, the display will light up briefly and the (🪟) will be displayed along with the new setback temperature.

LED flashing sequences

LED flashes	Meaning
★	Window Closed
★ ★	Window Open
★ ★ ★	Replace Batteries

Customising the Window Open Function

The Terrier i-Temp turns the radiator off or down only when the window is open. You can set your own window open set-back temperature.

- 1 Press and hold the menu button for 3 seconds on your Terrier/temperature.
- 2 Use the thumbwheel to select the ‘air’ function press OK.
- 3 Use the thumbwheel to select the required temperature when the window opens.
- 4 Press ‘OK’ to confirm.

Mounting and Installation

The Window Sensor consists of two parts - the magnet and the electronic unit. One of these parts must be attached to the window and the other to the window frame.

Select the window onto which the Window Sensor is to be attached. The magnet can be installed on the left or right of the electronic unit. The electronic unit must be installed upright with the release clip at the top.

The magnet and electronic unit may not be more than 8mm apart when the window is closed.

Adhesive Strip installation (recommended)

It is recommended "where possible" that the double-sided adhesive strip is used to attach the Window Sensor in the desired location.

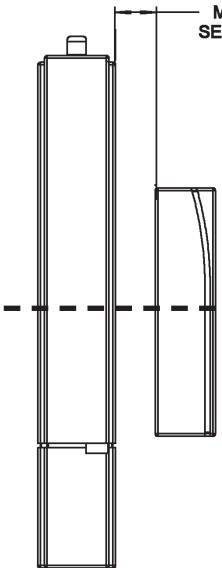
- Remove the backing paper and stick one side of the strip onto the rear of the electronic unit.
- Ensuring that the area is clean & dry, stick the electronic unit into the desired location on the window frame.
- Repeat the process with the magnet assembly ensuring that the magnet and electronic unit are no more than 8mm apart when the window is closed.

Screw installation

- Mark the position for drilling using the Window Sensor hole positions as a guide.
- Holes should be made using a 1.5mm drill
- Use the 2 countersunk head screws to fasten the electronic unit to the window frame.
- Use the other 4 screws to fasten the magnet (and spacer if required) to the window frame.

Choice of installation fixing

**8.0mm
MAXIMUM
SEPARATION**



Spacers are provided to aid alignment of the magnet with the electronic unit (if required).

Note:
The window magnet needs to be positioned centrally.


OPTIMAL POSITIONING

Teaching-in the Window Sensor to your Terrier i-Temp


With the batteries inserted begin by placing the two parts of the window sensor (magnet and electronic unit) together.

The “teaching in” function can be activated by:

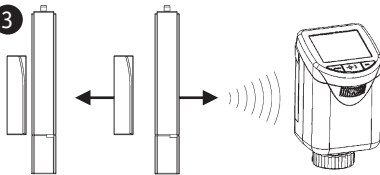
1 Press and hold OK for 3 seconds on the i-Temp



2 You will see the 30 second countdown start on the i-Temp





3



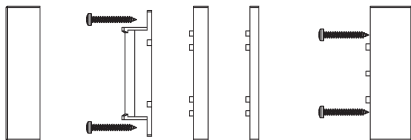
OPTIMAL POSITIONING

Whilst the i-Temp is counting down, within the 30 seconds separate the window sensor from the magnet to activate 'Teach-in'

4 The screen will disappear and then return with the normal screen with the () signal symbol



Note: The spacers are stackable and can be used as a combination if required.



Teaching-out the Window Sensor from your Terrier i-Temp



Hold down the
"Menu" button for
3 seconds until
"Pro" appears



Use thumb wheel
to select "del"
Press OK



"ACC" will appear
Press OK

To indicate that the Terrier i-Temp has successfully "taught out" the accessory, the display returns back to the normal view.

Note: All accessories will be "taught out" when using this function.

Technical Information

Information on radio operation

Radio transmission is performed on a non-exclusive transmission path. Which means that there is a low possibility of interference occurring.

The range of transmission within buildings within buildings can vary greatly from “open air” distances. As well as the transmitting power and reception characteristics of the devices; environmental influences such as humidity and obscuring structures can also weaken the strength of the signal.

Pegler Yorkshire hereby declares that this device conforms with the essential requirements and other relevant regulations of Directive 1999/5/EC.

You can find the full declaration of conformity at:
www.saveonheatingbills.co.uk

Safety Instructions

These devices are not toys:

Do not allow children to play with them.

Do not leave packaging material lying around.

Do not open the device – it does not contain any serviceable components.

In the event of an error, please contact Pegler Yorkshire Limited.

Disposal

Do not dispose of the device with regular domestic waste. Electronic devices must be disposed of in accordance with the Waste Electrical and Electronic Equipment Directive via local disposal points for electronic waste.

CE The CE mark is a free trade sign addressed exclusively to the authorities and does not warrant any properties.

Technical properties:

Supply voltage:	3V
Batteries:	2 x AAA / LR03 / micro
Battery Life:	Approx. 5 years (window opened twice per day for 2 hours each time)
Transmission frequency:	30m (in open air)
Electronic Unit Dimensions:	15 x 100 x 22mm (W x H x D)
Magnet Dimensions:	12 x 48 x 12mm (W x H x D)

We reserve the right to make any technical changes that constitute an improvement to the device.



Pegler Yorkshire

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