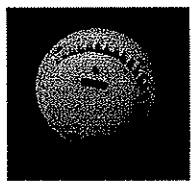
invicta

Telecare

# Telecare installation guide

# Radio Smoke Detector

The smoke detector generates a powerful and shrill noise, which can be harmful to your ears. Keep at least 50cm distance from the detector while performing the function test.

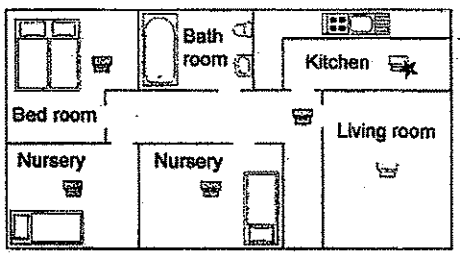


Never use rechargeable batteries, nor main supply circuits for power supply. This could cause malfunctioning or early breakdown of the detector.

The smoke detector is capable to survey only a defined zone around its own position. For optimum protection ensure that a sufficient number of detectors are installed in the area to be monitored.

**Place of installation**

The smoke detector performs best when installed on the ceiling in the centre of the room. If this is not possible, ensure the detector is at least 50cm from the wall.




To ensure the detectors will wake the residents up at night place them in all bedrooms. In houses with several floors one smoke detector should also be placed in the hallway of each floor.

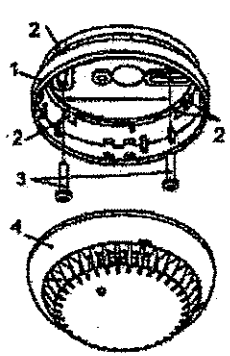
In larger houses it may be necessary to link several smoke detectors with one another in order to cover the entire living area. If one detector detects smoke, it will trigger the alarm and activate all detectors linked to it. This way it will wake the resident in their bedroom when the smoke detector in the attic identifies smoke.

**Unsuitable places for installation**

To avoid false alarms and malfunctions, never install the smoke detector:

- inside rooms where heavy vapour, dust of smoke under regular conditions (bath, kitchen)
- near to fireplaces and open fires
- near to ventilation systems. The flow of air may deviate the smoke so it will never reach the detector
- near to neon lamps and energy saving lamps. The starter may cause false alarms by electric fields that arise when turning on the lamp (minimum distance 50cm)
- in edges—house gables etc—in such areas smoke free air can accumulate and the identification of fire is hindered
- inside rooms with temperatures beneath - 10C or above +60C

**Installation**




Fix base (1) using the enclosed assembling parts (3). Do not allow the detectors to get dirty through occurring bore dust. Do not use countersunk head bolts.

Should the line that serves to link several detectors come as surface wiring, break out 1 of the 4 cable entry apertures (2) by means of a screwdriver or similar tool.

Should it be connected from the back of the base coming through a cable tube please put a seal (order no 30959) in between the ceiling and the base to avoid current of air.

Connect the 9V lithium battery (5) with the battery clip (6) and insert the battery in the battery tray.

Place the smoke detector (4) in the base and lock it be turning it gently clockwise.

Proceed to the function test.

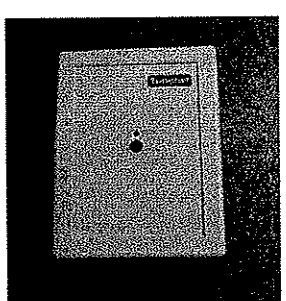
**Function test**

1. Check if the LED is flashing

2. Press the fiber-optical button for at least 1 sec. If a signal tone is generated the detector works properly.
   If no signal, please replace the batteries.

3. If after replacing the batteries a tone can still not be heard then the smoke detector is damaged and has to be replaced by a new one.

## Temperature Extreme Sensor

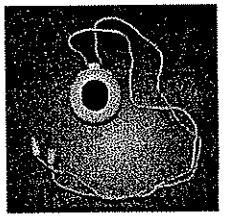


Location will depend on requirement, however they are normally sited in the kitchen to monitor rapid rise in temperature i.e. when a pan is left on the hob.

The unit has two small brackets and is supplied with the raw plugs and fixing screws.

**Function test** Test by inserting a suitable sized blunt instrument into the hole on the front casing.

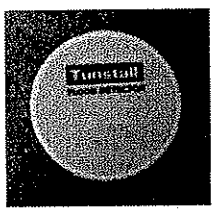
## Bogus Caller Button



Locate the bracket near the front and/or back door with the two raw plugs and screws provided. The Gem pendant clips into the bracket.

**Function test** Press the button.

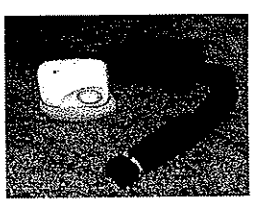
## Flood Detector




The flood detector must be placed on a flat surface with the Tunstall label uppermost and close to the item being monitored (e.g. bath, washing machine etc.) where a flood/leak is most likely to occur.

**Function test** Apply moisture to the two gold probes that are situated nearest to each other.

## Fall Detector



A fall detector is a battery operated device containing a microprocessor, detector and a radio transmitter. It will automatically trigger an alarm call to the alarm monitoring centre if it detect a fall.

**Wearing the fall detector**

Clip the fall detector onto the wearers belt or clothing in the upright position.

**Automatic fall detection**

- Green light and two 'beeps' indicates that the fall detector has been activated.

- The fall detector will then monitor for between 6 and 15

seconds to verify if there could have been a fall. The green light will flash while it does this.

If the detector has decided that there is a fall, then a red light and four 'beeps' indicates that the fall detector is about to trigger an alarm call (because it has detected an impact and has not been upright for between 6 and 15 seconds).

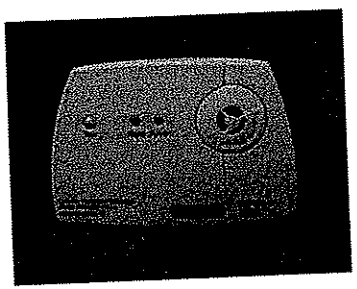
If the detector has decided that it was activated by error then the green flashing light will stop after between 6 to 15 seconds and the unit will revert to normal again.

The fall detector also features a manual button, which can be used at any time to raise a call for help if required.

**Function test** Press the button on the fall detector to raise a manual alarm call.

## Carbon Monoxide Detector

**Detectors located in the same room as a fuel- burning appliance:**



- If the detector is located on the wall it should be placed at a height greater than the height of any door or window but at least 150mm from the ceiling. If the detector is mounted on the ceiling it should be at least 300mm from any wall.
- The detector should be a at a distance of between 1m and 3m from the potential source.
- The detector should be a at a distance of between 1m and 3m from the potential source.
- If there is a partition in a room, the detector should be located on the same side of the partition as the potential source.
- In rooms with sloped ceilings, the detector should be located at the high side of the room.

**Detectors located in sleeping rooms and in rooms remote from a fuel burning appliance:**

- Detectors should be located relatively close to the breathing area of the occupants.

**DO NOT place the detector:**

- outside the building
- in or below a cupboard
- in a damp or humid area
- directly above a sink or cooker
- next to a door or window or anywhere that would be affected by draughts, eg. extractor fan or air vent
- where the air flow to the detector would be obstructed by curtains or furniture
- where dirt or dust could collect and block the sensor, and stop it working
- in an area where temperature could drop below –10C or rise above 40C
- where it could easily be knocked, damaged, or where it could be inadvertently removed
- on a metal surface (where radio range could be affected)

**In which room to put the detector**

Ideally a detector should be fitted in every room that contains a fuel-burning appliance. However, if there is more than one appliance and the number of detectors limited, when deciding the best location then one should be placed in:

- a room where people sleep
- in a room containing a flueless or open-flued appliance
- in a room which people use a lot

In a bedsit, the detector should be placed as far away from the cooking appliance as possible but near to where the person sleeps.

If the appliance is in a room not normally used, such as a boiler room, the detector should be placed just outside the room so the alarm is easily heard.

**Installing the detector**

The detector can either be used as free-standing unit or can be wall mounted. If wall mounted:

**Option 1** Special mounting pad with fixing pin (supplied)
Place the fixing pin through the mounting pad. Using a hammer, gently knock the fixing pin into the wall ensuring the mounting pad is not hammered too firmly into the wall.

**Option 2** Screw and rawplug (not supplied)
If the wall is too hard to use the fixing pin, us a no. 4 round head screw and rawplug.

**Function test** Press the button on the front of the detector.

**T: 01732 781966 E: info@invictatelecare.co.uk www.invictatelecare.co.uk**