

# Flood detector 869MHz

## What is a flood detector?

The flood detector is a neat, unobtrusive radio sensor that provides an early warning of potential flood situations. The unit can be placed on the floor under a sink or in a bathroom, next to the toilet or near the bath.

## How does it work?

The flood detector has three sensors. When two of the sensors make contact with water it provides two types of alarm - the first is a local audible alarm and the second sends a signal to a Lifeline home unit or other Tunstall telecare enabled systems. The Lifeline home unit automatically raises a call to the monitoring centre where the operator can identify what type of detector has initiated the call, allowing the most appropriate and immediate action to be taken.

## Who is it for?

The flood detector provides added reassurance to any homeowner or resident, giving extra protection to individuals who are likely to be at risk from leaving taps turned on.

## Why is it needed?

A blocked sink, toilet, or taps being left on unattended could quickly lead to a flood causing damage to carpets, decorations and electrical equipment with potentially dangerous consequences. The after effects of a flood could not only result in extensive repair costs and increased insurance premium but also long term damage to health, particularly in winter.



## Features and benefits

- **Transmission to class 1 radio receiver** - ensuring that signals from sensors are reliably received, when linked to Lifeline home unit and other Tunstall telecare enabled systems
- **Dedicated frequency** - operates on the dedicated European 869 MHz social alarm frequency for reliable, future proofed operation
- **Range** - radio range is up to 50m, ideal for larger properties
- **Automatic low battery warnings** - ensuring optimum operation at all times (on radio battery)
- **5 year battery life on radio circuit** - up to 10,000 trigger operations are possible (under normal operating conditions)

## Technical details

|                   |  |
|-------------------|--|
| Weight:           | 142g   |
| Dimensions:       | 90 x 31mm (W x D)  |
| Radio frequency:  | 869.2125 MHz VHF integral transmitter  |
| Radio range:      | Up to 50m  |
| Power supply:     | Detector battery: 1 x 9V Alkaline, replaceable<br>Radio battery: 3V lithium cells, non replaceable |
| Battery life:     | Radio: 5 years<br>Detector: 1 year   |
| Battery disposal: | In accordance with current legislation   |

## Standards

|   |                                   |
|---|-----------------------------------|
| EMC:  | ETS 300 683:1997, EN 50130-4:1995 |
| Safety:   | EN60950:2000                      |
| Radio trigger:                                    | EN 300 220-3V1.1.1 (09-2000)      |
| CE:   | Compliant                         |
| Design, Manufacture,<br>Installation and Service: | ISO9001:2000                      |
| Part number:                                      | 67005/37                          |

Please Note: A Class 1 receiver is necessary for “highly reliable SRD (short range device) communications media, eg serving human life inherent systems”.

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