NOTICES

Approval: This product is marked with a CE mark and constitutes a Class 2.7 device.
The radio system has been designed to comply with EN50134 series of European Norm standards specific to Social Alarms.

The product exceeds the requirement for Electromagnetic Compatibility (EMC) standard BS EN 50130 part 4; which sets criteria for EMC Immunity for components of fire, intruder and social alarm systems. The radio triggers (and receiver) are in accordance with the specific European Social Alarm radio frequency band allocation (from 869.20 to 869.25MHz). They operate at 869.2125 MHz.
The radio transmitters comply with mandatory radio standards for Short Range Devices (SRD) ETSI EN 300-220: The radio receiver also conforms and exceeds the mandatory class 1 criteria necessary for ***"Highly reliable SRD…serving human life inherent systems."***

Transmitter parameters

The transmitter follows a pre programmed cycle leading to a typical duty cycle class of 1 (<0.1%):	A class 2.7 device
Effective radiated power 200 micro Watts	Frequency error ± 3 kHz maximum
Adjacent channel power <100 nano Watts	
Effective range up to 50m (into standard alarm telephone)	Intended area for use is Europe
Intended environment is group II - indoor in general with intended operating temperature between –10 to +55 Celsius	Expected battery life 20000 operations

Declaration of Conformity

We, Tunstall Telecom of Whitley Lodge, Whitley Bridge, Yorkshire, England, DN14 0HR
Declare that the 869 Flood Detector conforms with the essential requirements of the RTTE directive 1999/5/EC. Essential radio test suites have been carried out.
Model Number: 67005/37
Applicable standards:

EMC	EN 55022:1998
	ETSI EN300-683:1997 (Class 1)
	ETSI EN301-489-1:(2000-08) Class 1
Safety	EN 60950:2000
Radio	ETSI EN 300 220-3:(2000-09)
Social Alarm	EN50130-4:1995 + amendment A1:1998

Signed

CE

Technical Director Date 30 September 2002
Associated Summary Information (02RTTE0020A) The CE mark was first applied in September 2002

869 FLOOD DETECTOR
Part Number (67005/37)

USER INSTRUCTIONS

The Flood Detector has been designed to detect a leak or flood from a bath, sink, washing machine etc.

How it works

On the underside of the detector, there are 3 metal probes. When water is detected, the buzzer will sound. To prevent any false calls, for example from condensation, the probes are NOT in contact with the floor.

Alarm Call

Three seconds after the flood/leak has been detected an alarm will be raised via Social Alarm equipment.

Buzzer

The buzzer will sound for as long as water is detected. The buzzer will also sound once a minute for a short time (beep) if the detector (9V) battery is becoming low (in the same manner as a battery powered Smoke Detector).

Battery

The unit must be powered from a PP3 9V alkaline battery. We recommend that this be changed every 12 months. Your service provider will arrange this.

Test Call

It is recommended that you test your Flood Detector at regular intervals (e.g. once a month). To do this, place the Flood Detector on a damp towel or flannel (NOTE: do not immerse in water). A call will be raised. The Control Centre will be happy to hear from you.

INSTALLATION INSTRUCTIONS

Programming

Programme the Flood Detector into the Social Alarm equipment using the appropriate user or programming guide
The test call as above will initiate radio transmission.

Positioning

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 likely to occur.