

All the reassurance you need



### Wandering Client Sensor (869MHz) User Guide.



The Wandering Client Sensor provides a facility to monitor for potential wandering situations. Should the system believe that a wander event has occurred an alarm is automatically raised. An alarm will also be raised if the door being monitored has been left open.

The installer will position all parts of the sensor system in the correct locations as per the installation manual, D4107046A, contained in Palm Kit 41005/16. They will also configure the system. The current configuration is as follows (installer, please complete as appropriate):

- To activate the monitoring functions set the keyswitch to the "On" position. The sensor will emit a series of double beeps for \_\_ minutes (the arming period) to allow the keyholder to exit before the wander function is active (this is similar to a burglar alarm). The wander functions will become active after the sensor stops beeping.
- To deactivate the wandering functions set the keyswitch to "Off". The sensor will emit a long beep and cease monitoring for wandering.
- If activated, the system will monitor for wandering between \_\_: \_\_ and \_\_: \_\_. During this time if anyone opens the door and the PIR does not see movement within \_\_: \_\_ (the absence time) the resident will be thought to be "wandering". In that event an alarm call will automatically be made by the Lifeline 4000+ (or Telecare Overlay alarm platform) to a control centre.
- If the door is left open for longer than \_\_: \_\_ (regardless of the position of the keyswitch or time of day) then an alarm call will automatically be made by the Lifeline 4000+ (or Telecare Overlay alarm platform) to a control centre.
- A light or other mains powered device can be switched on, using X10, when the door is opened. The light will remain switched for \_\_ minutes after the door is closed.

#### General Maintenance.

The Wandering Client Sensor can be dusted with a dry cloth or vacuumed. It is recommended that a test call is made at regular intervals.

DO NOT USE WATER OR A DAMP CLOTH

#### Battery Replacement.

None of the batteries in the unit can be replaced by the user.

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Reliance should not be placed on the Wandering Client Sensor, model number 41005/14, for life safety.

#### Environmental

The Wander Sensor will operate between -10°C and +55°C.

#### Intended use

The Wandering Client Sensor, model number 41005/14, operates at a frequency of 869.2125MHz and is intended for use within the UK and EIRE compatible with Lifeline 4000+ and Telecare Overlay Alarm Platforms.

#### Radio Published Parameters

**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 X10 interface is not classified as part of the social alarm system. 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 transmitter complies with mandatory radio standards for Short Range Devices (SRD) ETSI EN 300-220: with parameters of:

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 24 months

#### Declaration of Conformity

We, Tunstall Telecom of Whitley Lodge, Whitley Bridge, Yorkshire, England, DN14 0HR Declare that the 869 Wandering Client Sensor conforms to the essential requirements of the RTTE directive 1999/5/EC. Essential radio test suites have been carried out.

Model Number: 41005/14

Applicable standards:

<b>EMC</b>	EN 55022:1998
	ETSI EN301-489-1:(2000-08) Class 1
<b>Safety</b>	EN 60950:2000
<b>Radio</b>	ETSI EN 300 220-3:2000
<b>Social Alarm</b>	EN50130-4:1995 + amendment A1:1998
Signed	



Technical Director Date 3 September 2003  
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The CE mark was first applied in September 2003