

data sheet



T4000 home unit

The T4000 home unit provides additional features for enhanced monitoring functionality. Offering an easy to use personal reassurance system, the T4000 forms the basis of a flexible hub within the home to support a wider variety of Tunstall's telecare services, and enable people to live confidentially and independently.

A range of telecare sensors and their locations within the dwelling can be registered to the T4000 to provide accurate information about each activation. Additionally, the use of plug and play technology allows sensors to be added with ease, making it simple to cater to the users changing needs.

Supplied standard with an Amie or Gem radio trigger, which allows the user to activate an alarm call from anywhere in the house. For comfort and convenience, the Amie and Gem can be worn around the neck as a pendant, on the wrist or clipped to the belt.

The T4000 incorporates many additional features that the user can benefit from, such as a digital display and eight fast dial buttons for easy one touch dialing.

With its high quality two way speech, the T4000 provides the ability to answer incoming calls remotely, simply by pressing the pendant.

For example the user could answer their phone from the comfort of an arm chair without the need to get up.

The T4000 is compatible with a wide range of sensors, enabling a unique telecare solution to be tailored to suit each individual's needs and abilities.



Automatically prioritise alarm calls

The T4000 can have up to 10 telephone numbers programmed allowing agencies and homes to self monitor alarm calls. This means that if there is no response from the first number, the T4000 will automatically dial the second on the list and so on until the emergency call is answered. This ensures that no emergency call is lost. High priority triggers such as smoke and fall detectors can be programmed to go straight to a designated response centre.

Built in flexibility for users with special needs

The T4000 offers superb flexibility and can be adapted to meet the special needs of the user or care provider. For example, a flashing light could be coupled with the ringer of the telephone to notify a user with a hearing impairment of the call, or an alarm placed in a group area with various radio triggers interfaced.

A system that monitor itself

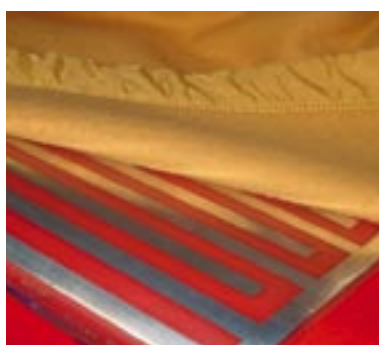
The T4000 has numerous self monitoring functions that makes it one of the most advanced products of its kind. The unit can be set to periodically call the response centre or a complex manager to confirm its status. The T4000 will report low or faulty batteries or mains failure by causing the alarm button display to flash on and off. If no action is taken after a pre set time, the T4000 will call the response centre to report the problem followed by further calls as necessary.

Attention to details gives added reassurance

The T4000 incorporates a host of other reassuring features such as verbal confirmation that a client's instructions have been actioned. There is also the facility to record a personalised alarm message to be sent as a part of any alarm call to a relative or friend. A speech message or reassurance tone will alert the user if the telephone line fails or the unit becomes accidentally unplugged.

Enhanced monitoring, personal safety and well being

The T4000 can be iterfaced with movement sensors with an alarm being raised if there is no activity during the set period.



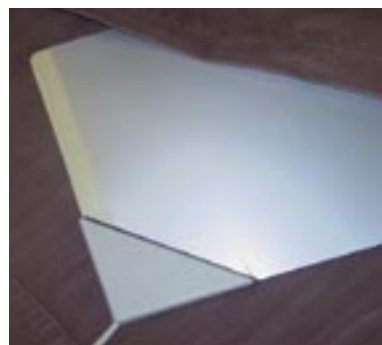
enuresis sensor



pressure mat sensor



PIR activity sensor



epilepsy sensor

Easy to use

- The optional link to a 24 hour response centre means that an alarm call will not be ignored and immediate action can be taken.
- Large bright red buttons on the alarm and pendant are easy to activate.
- Clear, hands free, two way voice communication.
- Activate the alarm using your pendant up to 50m from the alarm.
- Easy to use and keep clean.
- A wide range of special care and environmental sensors can be connected to suit individual needs.
- If the power goes out the alarm will still work for up to 40 hours.
- The response centre will know if the battery of either the alarm or pendant is getting low, so replacement arrangements can be made well in advance.
- Incoming phone calls can be answered remotely by pressing the pendant; no need to get up from your comfy armchair.

Main features

- Two way hands free communication between client and response centre.
- Pendant low battery warning is identified automatically when the pendant is activated so the battery can be replaced well in advance.
- Quick and easy to program with 'plug and play' sensors and trigger registration.
- Thirty five radio inputs for a full range of peripherals including, pendant, pull cord, fall detector, smoke detector, temperature extreme sensor, PIR activity sensor and flood detector.
- One hard wired input to suit wired peripherals including pull cord, pressure mat, smoke detector, and input configuration for normally open or normally closed contacts.
- One wired output will trigger an external device; both normally open and closed contacts provided to trigger strobe lights or keyless door entry systems.
- Audible user and sensor identification will advise a dedicated personal recipient which telecare sensor has been activated.
- Half-duplex and full duplex speech for exceptional speech quality and hands free communication.
- Speech message to provide reassurance to the user that an alarm call has been raised and to warn of issues such as disconnection of the telephone line.
- Remote call answering facility.
- Programmed via control centre, telephone or TAPIT+ interface.
- Programmable with up to 10 telephone numbers in 10 sequences.
- Operates on the dedicated 312MHz social alarm frequency for reliable future proofed operation.
- Water resistant pendant for wearing while bathing.



bed occupancy sensor



smoke detector



flood detector



fall detector

Technical details:

Weight:	936g
Dimensions:	170 x 55 x 233mm (WxHxD)
Mains power:	230-240V AC 50Hz
Standby battery:	Complying with AS4607 40hr with five emergency call sequences at end of time period
Radio frequency:	312MHz
External connections:	3m telephone line cord with RJ plug, and series 610 adaptor transformer plug pack with 3m cable

Standards:

Personal response systems:	AS4607
Australian telecoms:	TS002: 1997 and AS/ACIF 5004:1999
EMC:	AS/NZS 3548:1995 – Class B
Safety:	TS001:1997 and AS/NZ 3260:1993 incorporating amendments 1, 2, 3 and 4
Warranty:	1 year return to base
Design, manufacture:	ISO9001: 2000

Environment:

Operating temp range:	0°C to 45°C Storage -10°C to 50°C
Humidity:	Operating relative humidity 0% to 80% (non condensing) Storage is from 0% to 93% (non condensing)
Pendant water resistance:	IP57 - One meter for up to 30 minutes

Order numbers:	A-36014/010 Tunstall 4000 (no display)
	A-36014/410 Tunstall 4000 D (with display)
	A-63614/01 Amie+
	A-64014/02 Gem
	A-64900/15A Gem easy press adaptor
	A-64900/16A Amie easy press adaptor

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