Enuresis Sensor

Part Number (41004/21)

Installation and User Instructions

Functionality

The Enuresis Sensor is a Telecare Sensor intended for use with the following Tunstall Emergency Call Equipment:

– Telecom 4000+ and Telecare Overlay.

The Enuresis Sensor comprises a Telecare Interface Module (TIM) fitted with Enuresis software (41004/20) and a Moisture Sensing Mat (S2209050).

The intended use of the Enuresis Sensor is to ensure client comfort by signalling an alarm condition (by radio) in the event of the client's bed becoming wet. The Enuresis Sensor is not sold as a Medical Device and therefore should not be used for the diagnosis, prevention, monitoring, treatment of or alleviation of enuresis.

The Enuresis Sensor is powered by 4 AA batteries with a minimum battery life of 2 years with typical usage. The Enuresis Sensor automatically monitors the condition of the batteries and as they approach the end of their life, the Enuresis Sensor will signal (by radio) this event to the T4000 every 7 days (until the batteries are replaced or expire completely).

Installation

1. Install the Enuresis Sensor by placing the Moisture Sensing Mat underneath a cotton top sheet and on top of any protective sheet. The shiny side of the Moisture Sensing Mat should be uppermost and the centre of the mat should be located at the position where bed wetting is most likely.

2. Insert the supplied batteries into the battery compartment in the base of the TIM in accordance with the raised markings in the base of the battery compartment. A single beep will be heard if the batteries are inserted correctly.

3. Connect the plug at the end of the Moisture Sensing Mat cable to the socket labelled IP4/Prog on the front panel of the TIM. It is important that the blanking plugs fitted in the other sockets of the TIM are left in place.

4. Program the Enuresis Sensor into the T4000+ (or Telecare Overlay system) using the procedure detailed below.

5. **The TIM should be located in a convenient place nearby, ensuring the cable is safely routed. It is important that the TIM is not placed in a position where it may become wet. For optimum radio performance the TIM should be mounted away from metallic surfaces.**

Assigning to an emergency response system

Place your Tunstall T4000+ (or Telecare Overlay system) into radio trigger programming mode.

'Short' the two metal studs on the Incontinence Sensing Mat together with a metallic object (e.g. a key) as shown in the photograph below until a beep is heard. This signifies the radio transmission has occurred.

The T4000+ (or Telecare Overlay system) will beep, indicating that the sensor has been programmed into it. Leave programming mode in accordance with the T4000 Advanced User Guide.

Check that the Enuresis Sensor has been correctly programmed into the T4000+ (or Telecare Overlay system) by raising a test call. The test call can be raised by generating a radio transmission from the Enuresis Sensor in the same manner as described above.

User Instructions

The Enuresis Sensor will signal an alarm event once when a wet bed condition is detected. After a wet bed event has occurred the Enuresis Sensor can be reset by disconnecting the Moisture Sensing Mat from the TIM, cleaning it with detergent and a non-abrasive damp cloth, and then drying it with a suitable non-abrasive absorbent cloth.

Once the Moisture Sensing Mat is dry, reconnect it to the TIM and replace in the dry bed.

It is possible that sweating during the night may cause false triggering of the Enuresis Sensor. If this is the case then a folded cotton sheet or bath towel should be placed above the Moisture Sensing Mat

Service Information

The TIM contains no user serviceable parts other than the batteries. The batteries should be replaced when indication is received that the Enuresis Sensor is in the low battery condition. Replacement batteries should be of the alkaline type and from a reputable manufacturer e.g. Duracell. The battery replacement procedure is as detailed in Step 1 of the Installation Instructions.

Old batteries should be disposed of in accordance with local regulations.

Should the Moisture Sensing Mat need to be replaced you can order a new mat from Tunstall by quoting Part Number S2209050.

NOTICES

The 312 Enuresis sensor has been approved to the following applicable standards.

New Zealand and Australia Approvals

AS/NZ 4268:2003 N72

Canada

RSS210 issue 6 sept 2005 IC 1231A-41004A

This equipment meets the applicable Industry Canada Equipment Technical Specifications. This is confirmed by the registration number. The abbreviation, IC, before the registration number signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada Technical Specifications were met. It does not imply that Industry Canada approved the equipment.

USA – FCC Approvals

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.

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(Part Number 41004/20)
FCC ID: G2X-41004A

This Device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

Warning
Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.