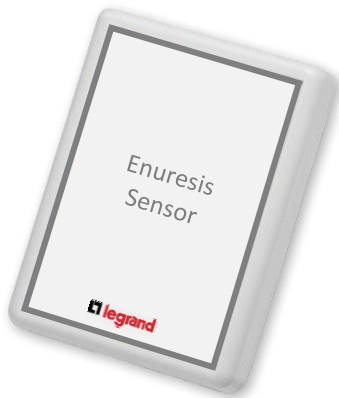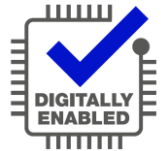# Enuresis Sensor 869MHz

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Caring for People

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- Detects instances of incontinence in bed
- Compatible with Reach IP, XT2, Carer Response & NOVO
- Battery powered radio interface unit
- Replaceable battery: 9V Duracell MN1604
- Low battery warning
- Operating Temperature: +5ºC to +40ºC
- Telecare Transceiver: 869.2125MHz Class 1.5
- Digital Heartbeat
- Weight: 170 grams
- Dimensions: 92 x 66 x 28mm (HxWxD)
- 1.2m x 0.9m cotton bed sensor sheet
- Weight 325 grams
- 2m connecting lead with press stud fixings
- Weight: 35 grams
- Product Code: ZXT847 (or Neat NE1020006-01)

The absorbent cotton sheet with a breathable waterproof back is the perfect solution for detecting an incontinence episode with comfort and discretion. The sheet is machine washable with a long-life assured by the very fine embedded silver coated sensing wires. The connecting lead should be removed before laundering.

Replacement Cotton Sheets
Cotton sheets are non-returnable.
Replacement sheets are available separately.
Order Part No. W00860 (or Neat NE1020006-04)

Positioning
The cotton sheet should be placed between the bottom bed sheet and the mattress at a point where the pelvic area of the person will be when lying down.

Alarm Condition
An alarm will be raised when moisture is detected thereby alleviating Carers from making regular checks which can be intrusive and unwelcome.
IMPORTANT: It is advisable to disconnect the cotton sheet as soon as possible after an alarm. Prolonged connection while damp can result in some cosmetic staining.

Low Battery Condition
A low battery condition will be reported automatically to the Alarm Receiving Centre (ARC) or the local Manager. replaced within 30 days.

Out of Range Notification (Reach IP/NOVO)
The Reach IP/NOVO can monitor all radio peripheral devices to determine whether they have been damaged or removed from an installation.
Should the Reach IP/NOVO be unable to detect a device's heartbeat it will automatically generate a "radio out of range" notification. Firstly, investigate if there's a genuine reason for the alert, if not, arrange for the peripheral device to be replaced immediately.
The "Radio out of range timer" can be set from 30 hours to 99999 hours in CMP. "Radio supervision" can be disabled by unchecking the tick box associated with each peripheral device in CMP.

Cotton Bed Sheet Cleaning
Unplug the connecting lead before laundering.
For maximum life (50 washes) wash at 40ºC and hang to dry in a warm room (i.e. do not tumble dry).
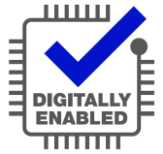Alternatively, wash at 85ºC with a medium heat tumble dry but expect a reduced life of 30 washes.
Do not use a fabric softener – this will make the sheet waterproof. If the sheet develops brown staining consult the manufacturer for cleaning instructions.

Maintenance
Test periodically by linking the 2 metal studs on the bed sheet with a metal item e.g. spoon, paper clip, etc.
Failure to alarm may suggest the sensing wires inside the sheet have been damaged in the wash.
The interface unit can be cleaned with a damp cloth or disinfectant wipe, do not use solvents or cleaners.

Disposal
Waste electrical products should not be disposed of with normal household waste. The enuresis sensor is ideally suited for disposal within the waste electronic and electrical equipment (WEEE) recycling scheme.
Please recycle where facilities exist.
Check with your local authority or contact your supplier for recycling/disposal advice.

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Enuresis Sensor 869MHz
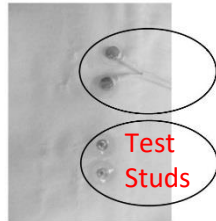
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How to install the Enuresis Sensor

1. Remove the bottom sheet from the bed.

2. Place the cotton sheet across the width of the bed at a point where the pelvic area of the person will be when lying down.

3. The side with the visible pattern of electrodes should be placed uppermost with the press stud connections accessible. *If necessary a towel can be placed over the sheet to make it less sensitive.*

4. Connect the lead to the cotton sheet using one of the pairs of press studs, it doesn't matter which.

The other pair of studs are used for testing.

Test Studs

5. Ensure the connecting lead exits safely without causing a trip hazard.

6. Refit the bottom bed sheet.

7. Remove the battery cover from the interface unit and connect the battery.

8. Plug the lead into the interface unit and make sure it is placed safely out of the way under the bed.

Telecare Radio ID

The enuresis sensor includes a radio transceiver to communicate with the Reach IP, Advent XT2, Carer Response or NOVO.

The Radio ID is a 10-digit code printed on the enuresis sensor label…

ZXT847
S:121900222
Iss-1
0B930890A4
19W12

Registering the Enuresis Sensor onto a Reach IP

Login to Pulse CMP (www.tynetecpulse.com) and enter the Reach IP Serial No. in the **ALARM UNIT** view. Press the **Accessories** button and enter the Radio ID code, Location and Equipment type. Press **Save** then ↻ **Synchronize**.
IMPORTANT: when the enuresis sensor is installed a test call must be made to check operation and start the digital heartbeat.

Alternatively, with the Reach IP in normal operating mode undo the fixing screw and remove the stand or connector cover to access the ● Power button.

● Power Button

Press the ● Power button to enter Control Mode, then press and hold the ☐ button until the unit announces "*add radio device*" then release.
Press the ● button to confirm then activate the enuresis sensor by linking the 2 metal studs on the cotton sheet. The Reach IP unit will sound a high beep if it's a new device and announce "*range test mode*".
Press ● to confirm, or press ☐ to step to the next function, or press ○ to exit the mode.

Registering the Enuresis Sensor onto an XT2

Radio device programming can only be performed from the Advent XT2 Manager's Panel designated as the **Controller**. Login using the Manager or Engineer password and touch the Programming button.
Select the **Program Radio Devices** option from the Program Setting drop-down list.

Enter the **Radio ID:** this is the 10-digit code taken from the label on the enuresis sensor.
Enter the **Flat ID:** this is the flat number the enuresis sensor is being installed in. Enter 4-digits e.g. 0014.
Enter the **Location:** select where the enuresis sensor is located from the drop-down list e.g. Bedroom.
Press the **Send** button to update the XT2 system.
Perform a test call to check operation.

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Registering the Enuresis Sensor onto a Carer Response

Refer to the Carer Response user manual for full details of the button functions and how to navigate the menus.

From the Main menu select **Programming**.
From the Programming menu select **Add transmitter**.
The display will prompt you to *Activate the transmitter…*
Activate the enuresis sensor by linking the 2 metal studs on the cotton sheet.
The Carer Response will beep and the display will change to the **Add transmitter** menu with a box showing **No ID**.
Press ↵ then ▼ to select **Room**, then press ↵
Press ▼ to select the room number box **0000**.
Press ↵ to select the first digit, press ↵ to move between the digits and press ▲ or ▼ to change each digit.
Press ↵ when the correct room number is displayed.
Press ▼ to select the alarm type box **None**.
Press ↵ then▼ to select **Assistance** then press ↵
Press the ▼ button to select **Save** then press ↵
The display will show *Radio ID saved to memory…*
Return back to the **Main menu** and select **Quit**
Perform a test call to check operation.

Registering the Enuresis Sensor onto a Neat NOVO

Start your NOVO with the AC adapter attached.

Pairing using CMP
Login to CMP (cmp.neat-cloud.com) and enter the NOVO serial number in the CAREPHONE view.
Perform a search to locate the NOVO.
Select **Accessories** and thereafter **New**.
Enter the **Radio ID** code and the **Equipment** type.
The Radio ID can be found on the enuresis sensor label.
Be sure to enter all 10 characters then press **Save**.
Wait and thereafter perform a Refresh, it may take up to 30 minutes for accessory to be added.
Activate the enuresis sensor by linking the 2 metal studs on the cotton sheet to check operation.

Pairing using the NOVO Service Mode
Enter Service mode by a short press on the Power switch.
(*Button B1, B2 & B3 are lit*)
Then press and hold button B3 until "*Add transmitter*" is announced.
(*Button B1 is lit and Button B3 is flashing*)
Press button B1 to confirm.
(*Button B1, B2 & B3 are flashing*)
Activate the enuresis sensor by linking the 2 metal studs on the cotton sheet.
The NOVO will sound a high beep and announce "*range test mode*".
The pairing is done.
Exit Service mode by pressing button B2.
(*Button B1 is lit*).
Activate the enuresis sensor to check operation.

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