



- Compatible with Reach at-home alarms, Advent xt warden call, Altec Response and Touchsafe Pro Nursecall systems
- Can be used for bed or chair occupancy monitoring
- Fully configurable with text display menus
- Real time clock with auto-BST adjustment
- Supplied with mains adapter & rechargeable battery
- Compatible with Gadget mains switchers
- Dimensions: 190mm x 100mm x 32mm (HxWxD)
- Weight: 285 grams (inc battery)
- Sensor Controller with standard bed sensor: Product Code ZXT473
- Sensor Controller with standard chair sensor: Product Code ZXT474

What is the Sensor Controller used for?

The sensor controller is normally used for bed or chair occupancy monitoring; if a person gets into bed/sits in their chair, then gets up again and does not return within a preset period an alarm call will be transmitted. Alternatively the sensor controller can be used with a floor pressure mat or a door contact to raise an instant alarm. Bedside or table lamps can be turned on/off automatically using the optional *Gadget* mains switchers.

How does the Sensor Controller work?

The sensor controller is normally supplied with a standard bed or chair sensor as a complete package. The controller and other sensor options are also available separately if custom packages are required.

The sensor controller must be installed with a Reach at-home alarm, an Advent xt warden call system, an Altec Response local carer alarm unit or a Touchsafe Pro Nursecall system.

The sensor controller has a real time clock with automatic British Summer Time adjustments (i.e. the +/- 1 hour clock changes are made automatically on the correct day every March and October).

With a standard bed or chair sensor an alarm can be raised either **instantly** a person leaves their bed/chair or after a 1 to 99 minute programmable **absence period** if the person does not return to their bed/chair. If the person does not return and an alarm is raised but they are OK, then an optional 1 to 99 minute programmable **reset period** can be set. If the person is not detected back in their bed/chair at the end of this period then an alarm will be raised again.

Monitoring starts when a person has been in their bed/chair for 30 seconds (default **logged in bed time**). Continuous monitoring is possible if the controller is set to be **on all the time**. Alternatively up to **3 active periods** can be programmed to repeat every day. There is also the option to raise an alarm if a person is **not in their bed/chair** after a 0 to 999 minute programmable delay from the start of the monitoring period.

Monitoring will end at the end of each monitoring period unless the **still in bed/chair** option is set. This is a 0 to 999 minute programmable period – if the person is still in their bed/chair at the end of this period an alarm will be raised.

If the person is going to be away from home for a few days the Sensor Controller has an **away mode** feature which temporarily suspends monitoring to prevent false alarms. When the person returns home the unit must be switched back into **home mode** and normal monitoring will resume.

The sensor controller has a **Carer Call** button to activate an alarm call at any time. An optional Pear Push lead is available to activate a carer call and switch lamps on/off (*Gadget* mains switcher required).

With a Magic Stick or SensAlert bed/chair sensor an alarm can be raised either **instantly** a person leaves their bed/chair or after a programmable 0 to 999 second **countdown** delay. The alarm can be cancelled during the countdown by pressing the ▼ key.

With a pressure mat or door contact an alarm can be raised either **instantly** a person steps on the mat or opens the monitored door or after a programmable 0 to 999 second **countdown** delay. The alarm can be cancelled during the countdown by pressing the ▼ key.

Bedside or table lamps can be turned on/off automatically with *Gadget* mains switchers (available separately).

An RJ45 double adapter is used to connect 2 sensors per controller - *Note: both sensors must be the same type.*

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1. HOW TO CONNECT THE SENSOR CONTROLLER

The sensor controller includes a power lead and a rechargeable battery, depending on the package it may also be supplied with either a bed sensor or a chair sensor. Alternative bed/chair sensors, pressure mat, door contacts and double adapter are available separately.



1. The sensor controller should be within 3 metres of a mains supply, if an extension cable is necessary care should be taken to ensure that no one can trip over the power lead.
2. Slide the battery compartment open on the rear of the sensor controller and connect the **RECHARGEABLE BATTERY**.
3. Plug the **POWER LEAD** into the **POWER SOCKET** and connect to the mains supply.
4. Plug the **BED/CHAIR SENSOR/MAGIC STICK or PRESSURE MAT or DOOR CONTACT** into the **SENSOR SOCKET**.
5. Note: an **RJ45 DOUBLE ADAPTER** can be used to connect 2 of the **SAME TYPE** sensors into the **SENSOR SOCKET**.
6. The **I/O SOCKET** is only used for an optional Pear Push lead or to connect the auxiliary relay output

2. HOW TO INSTALL A BED SENSOR

The Bed Sensor must be placed between the bed base and the mattress.

Check the base is in reasonable condition with a flat firm surface to lay the sensor on.

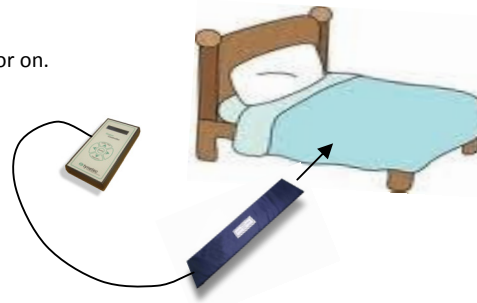
The sensor should be placed across the width of the bed at a point where the hips of the person will be when lying down. Ensure the connecting cable exits safely without causing a trip hazard.

Plug the lead into the sensor controller.

Spare Bed Sensor with 2m Lead: Product Code ZCS844

Dimensions: 650mm x 130mm x 10mm (LxWxD)

RJ45 Double Adapter (used to connect 2 bed sensors): Product Code P10285



3. HOW TO INSTALL A CHAIR SENSOR

The Chair Sensor must be placed between the seat base and the cushion.

Check the base is in reasonable condition with a flat firm surface to lay the sensor on.

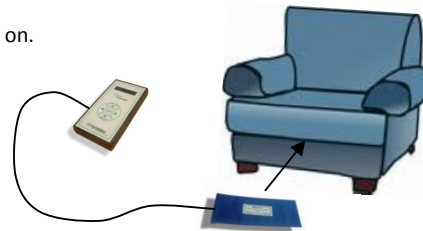
The sensor should be placed across the width of the chair at a point where the person will be sitting. Ensure the connecting cable exits safely without causing a trip hazard.

Plug the lead into the sensor controller.

Spare Chair Sensor with 2m Lead: Product Code ZCS859

Dimensions: 325mm x 130mm x 10mm (LxWxD)

RJ45 Double Adapter (used to connect 2 chair sensors): Product Code P10285



4. HOW TO INSTALL A PRESSURE MAT

The Pressure Mat must be placed under the carpet or a rug alongside the bed so it will be stood on when the person gets out of bed.

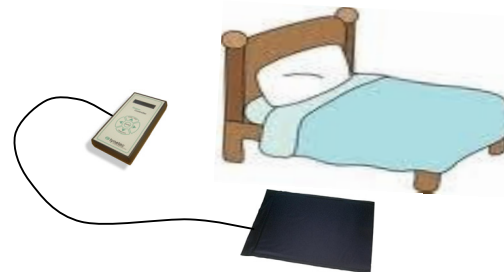
The mat should be placed so the connecting cable exits safely without causing a trip hazard.

Plug the lead into the sensor controller.

Pressure Mat with 2m lead is ordered separately: Product Code ZCS857

Dimensions: 520mm x 400mm x 6mm (LxWxD)

RJ45 Double Adapter (used to connect 2 pressure mats): Product Code P10285



5. HOW TO INSTALL DOOR CONTACTS

The Door Contacts should be installed by a competent person on the frame of the door being monitored.

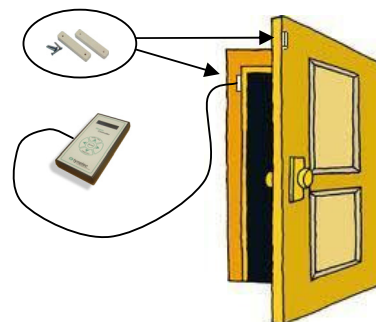
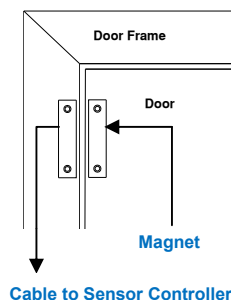
Fix the contact (part with wire connected) to the door frame. Clip the cable to the door frame and route safely without causing a trip hazard.

Fix the magnet to the door. There should be no more than 10mm between the 2 parts when the door is closed.

Plug the lead into the sensor controller.

Door Contact with 2m lead is ordered separately: Product Code ZCS854

RJ45 Double Adapter (used to connect 2 door contacts): Product Code P10285

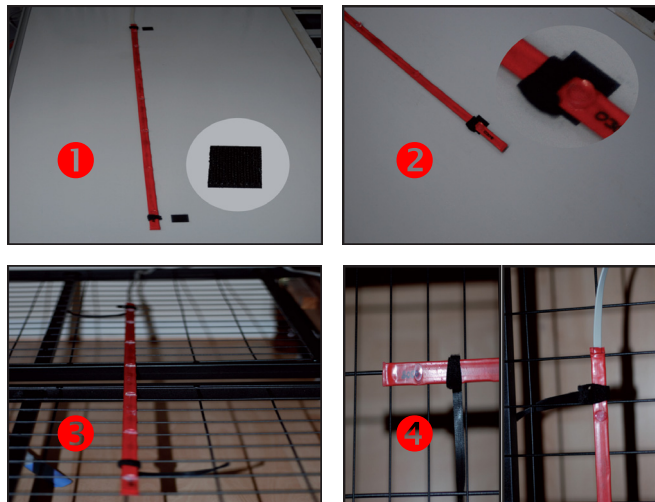


6. HOW TO INSTALL A MAGIC STICK BED SENSOR

Place the Magic Stick between the bed base and the mattress ensuring the connecting cable exits safely without causing a trip hazard.

Never place the Magic Stick on top of the mattress.

1. If the bed has a hard flat base the “button” side of the sensor strip should be laid downwards.
2. Secure the Magic Stick to the bed base using the Velcro straps provided.
3. If the bed has an open frame base the “flat” side of the sensor strip should be laid downwards.
4. Secure the Magic Stick to the struts of the base using the Velcro straps provided.
5. Plug the lead into the sensor controller.



Magic Stick Bed Sensor with 3m lead is ordered separately: Product Code ZCS851
Dimensions: 1000mm x 15mm x 7mm (LxWxD)
RJ45 Double Adapter (used to connect 2 Bed Sensors): Product Code P10285

7. HOW TO INSTALL A MAGIC STICK CHAIR SENSOR

Place the Magic Stick between the seat base and the cushion with it running centrally across the width of the chair. Check the base is in reasonable condition with a flat firm surface to lay the Magic Stick on. Ensure the connecting cable exits safely without causing a trip hazard.

The “button” side of the sensor strip should be laid downwards and secured using the Velcro straps. Plug the lead into the sensor controller.

Magic Stick Chair Sensor with 3m lead ordered separately: Product Code ZCS852
Dimensions: 400mm x 15mm x 7mm (LxWxD)
RJ45 Double Adapter (used to connect 2 chair sensors): Product Code P10285



8. HOW TO INSTALL A SENSALERT OVER-MATTRESS BED SENSOR

The SensAlert Bed Sensor must be placed on top of the mattress below the sheet.

See the placement options printed on the Bed Sensor. Ensure the connecting cable exits safely without causing a trip hazard.

Plug the lead into the sensor controller.

SensAlert Bed Sensor with 2m Lead is ordered separately: Product Code ZCS861
Dimensions: 750mm x 250mm x 5mm (LxWxD)
RJ45 Double Adapter (used to connect 2 bed sensors): Product Code P10285



9. HOW TO INSTALL A SENSALERT OVER-CUSHION CHAIR SENSOR

The SensAlert Chair Sensor must be placed on top of the seat cushion.

See the placement options printed on the Chair Sensor. Ensure the connecting cable exits safely without causing a trip hazard.

Plug the lead into the sensor controller.

SensAlert Chair Sensor with 2m Lead is ordered separately: Product Code ZCS862
Dimensions: 375mm x 250mm x 5mm (LxWxD)
RJ45 Double Adapter (used to connect 2 chair sensors): Product Code P10285



10. HOW TO SWITCH ON/OFF

Once the power lead is plugged in and switched on the display will flash **"Press ENTER for Setup"**.

Press the **ENTER** key and the Main Menu will be displayed. The battery symbol should be flashing in the top of the Main Menu display to indicate the battery is being charged. After 20 seconds the display will go blank, the unit is still on but the display goes off to save power.

The sensor controller should be left plugged in and switched on at all times - this will ensure its battery is always fully charged and alarms will always be transmitted.

TO SWITCH OFF

Switch the mains supply OFF and unplug power lead. Press the **ENTER** key to display the Main Menu. Press the **▼** key to select **→ Power Off ←** then press **ENTER**. The display will show **"The Controller is Powering Down"** before switching off.

11. LOW BATTERY WARNING

If the mains power fails the sensor controller will continue to operate from its battery.

The length of time the sensor controller will operate for on battery alone will depend on usage.

When the battery is running low the unit will beep^[2] and display **"Sending a Low Battery Alarm"**.

When the battery is exhausted the unit will display **"Low Battery – Controller is Powering Down"** before turning itself off.

When the mains power is restored it will need at least 8 hours to fully recharge the battery.

^[2] The low battery beep can be disabled in programming.

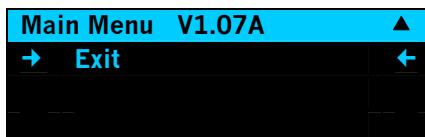
Detailed information on battery management for all Tynetec/Aidcall products is available - request a copy of Doc No. FM0630.

12. NAVIGATING THE DISPLAY MENUS

Press the **ENTER** key once and the display will illuminate. Use the **▲▼** keys to scroll up/down through the options. The **▲▼** arrows in the top right of the display indicate more menu options are available using the up/down keys.



Scroll down past **→ Power Off ←** and the display will show;



The menu option highlighted **→ in arrows ←** can be selected with the **ENTER** key. This will either take you to another sub-menu or give you the option to change settings.

Use the **▲▼** keys to increase/decrease the setting highlighted by the cursor.

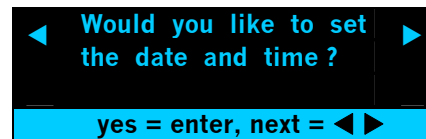
Use the **◀▶** keys to move the cursor back/forwards between fields.

To return to the Main Menu press the **▲ & ▶** keys together.

To exit the Main Menu select **→ Exit ←** and press the **ENTER** key, the display will blank.

13. QUICK SETUP MODE

Select **→ Quick Setup ←** from the Main Menu and press the **ENTER** key, the display will show;



Press **ENTER** and the display will change to **"Enter Date"** (use DD/MM/YY format).

Use the **▲▼** keys to set the **Date** (DD) then press **▶**

Use the **▲▼** keys to set the **Month** (MM) then press **▶**

Use the **▲▼** keys to set the **Year** (YY) then press **ENTER** and the display will change to **"Enter Day"**

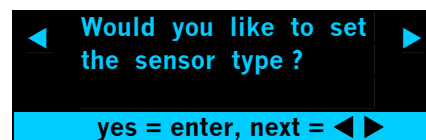
Use the **▲▼** keys to set the **Day** then press **ENTER** and the display will change to **"Enter Time"** (24 hour format).

Use the **▲▼** keys to set the **Hour** (HH) then press **▶**

Use the **▲▼** keys to set the **Minutes** (MM) then press **ENTER** and the display will change to **"Auto BST"**

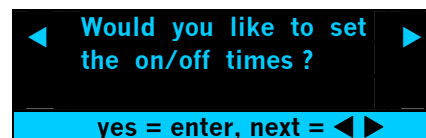
Use the **▲▼** keys to set **Auto BST On** or **Off** then press **ENTER** (**On** means the British Summer Time +/- 1 hour adjustments will be made automatically every March/October).

The display will go back to the **"set date and time"** menu, press the **▶** key to move to the next option;



Press the **ENTER** key and the display will change to **"Set Sensor Type; Bed Standard"**. Use the **▲▼** keys to select from; **Bed Magic Stick** or **Chair Standard** or **Chair Magic Stick** or **Aux** then press **ENTER**. **Note: use "Aux" for pressure mat or door contact. Use "Bed Magic Stick" for SensAlert bed sensor. Use "Chair Magic Stick" for SensAlert chair sensor.**

The display will go back to the **"set sensor type"** menu, press the **▶** key to move to the next option;



Press the **ENTER** key and the display will change to **"On All The Time? No"**

Choose if you want the bed/chair monitored all the time or during preset periods each day.

Use the **▲▼** keys to choose **Yes** or **No** then press **ENTER**.

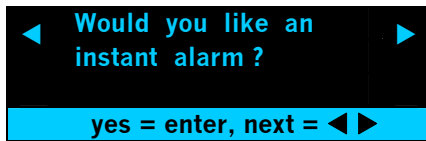
If you choose **No** the display will change to **"Enter Start Time 1 00:00"** (24HR format).

Use the **▲▼** keys to set the **Hour** then press **▶**

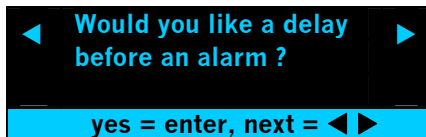
Use the **▲▼** keys to set the **Minutes** then press **ENTER** and the display will change to **"Enter Stop Time 1 00:00"**

13. QUICK SETUP MODE - CONTINUED

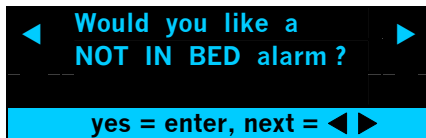
Repeat as above to set the Stop Time then press the **ENTER** key – the display will change to “**Another Time Slot? No**”
Use the **▲** key to select **Yes** to enter more time slots or press the **ENTER** key.
The display will go back to the “**set on/off times**” menu, press the **►** key to move to the next option;



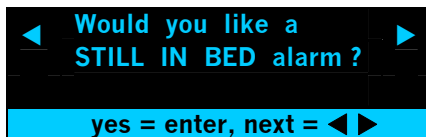
Press the **ENTER** key and the display will change to “**Instant Alarm? No**”
Use the **▲▼** keys to choose **Yes** or **No** then press **ENTER**.
If you choose **Yes** an alarm will be sent immediately the person leaves their bed/chair.
The display will go back to the “**instant alarm**” menu, press the **►** key to move to the next option;



Press the **ENTER** key and the display will change to “**Enter Time Delay; 00 Mins**”
Use the **▲▼** keys to set the delay before an alarm from 1 to 99 Minutes then press the **ENTER** key.
The display will go back to the “**delay before alarm**” menu, press the **►** key to move to the next option;

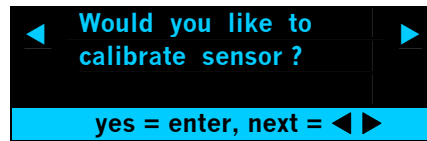


Press the **ENTER** key and the display will change to “**Not in Bed Alarm; No**”
Use the **▲▼** keys to choose **Yes** or **No** then press **ENTER**.
If you choose **No** the monitoring will start when the person is detected in bed.
If you choose **Yes** the display will change to “**Not in Bed Alarm; How Long? 000 Mins**”
Use the **▲▼** keys to set the not in bed alarm from 0 to 999 minutes then press the **ENTER** key (an alarm will be sent if the person is not in bed after this period).
The display will go back to the “**not in bed alarm**” menu, press the **►** key to move to the next option;



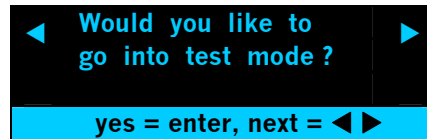
Press the **ENTER** key and the display will change to “**Still in Bed Alarm; No**”
Use the **▲▼** keys to choose **Yes** or **No** then press **ENTER**.
If you choose **No** the monitoring will end at the end of the monitoring period.

If you choose **Yes**, the display will change to “**Still in Bed Alarm; How Long? 000 Mins**”
Use the **▲▼** keys to set the still in bed alarm from 0 to 999 minutes then press the **ENTER** key (an alarm will be sent if the person is still in bed after this period).
The display will go back to the “**still in bed alarm**” menu, press the **►** key to move to the next option;

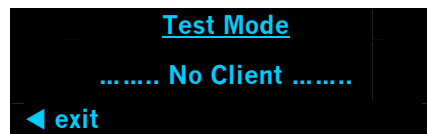


Note: this option is not relevant for Magic Sticks, SensAlert or Aux sensors.

If using a standard bed/chair sensor press the **ENTER** key and the display will change to “**Put Sensor Under Mattress/Chair**” and “**Press ENTER When Ready**”
Place the sensor under the mattress or chair cushion then press the **ENTER** key.
The display will show “**30 Secs Left ...PLEASE WAIT...**” and count down to zero while the sensor is being calibrated.
The display will go back to the “**calibrate sensor**” menu, press the **►** key to move to the next option;



Press the **ENTER** key and the display will change to;

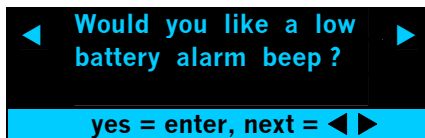


Get the client to lie on the bed/sit in the chair and the display should show “**..... Client Detected.....**”
Remain on the bed/chair for 10 seconds and the display will show “**Unit is sending status IN code**”
After a short delay (when the IN status is being transmitted) the display should show “**..... Client Logged IN.....**”
Get the client off the bed/out the chair and the display will show “**Unit is sending status OUT code**”
After a short delay (when the OUT status is being transmitted) the display should show “**..... Client OUT.....**”
After 10 seconds the unit will start to beep and the display will show “**..... Alarm.....**”
After a further 10 seconds and the display will show “**Unit is sending ALARM code**”
End of Test Mode.

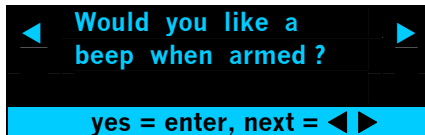
Note: if the client is not detected as in the bed/chair then you may need to adjust the sensitivity – go to the Advanced Setup → Calibrate and Test → Change Sensitivity option. See page 9.

The display will go back to the “**test mode**” menu, press the **►** key to move to the next option;

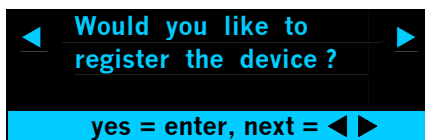
13. QUICK SETUP MODE - CONTINUED



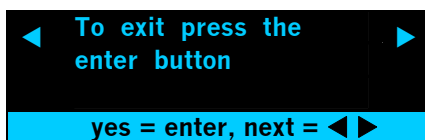
Press the **ENTER** key and the display will change to "Low Battery Beep? **No**". Use the **▲▼** keys to choose **Yes** or **No** then press **ENTER**. If you choose **Yes** the unit will beep as a warning when its battery power is running low. The display will go back to the "Low Battery Beep" menu, press the **▶** key to move to the next option;



Press the **ENTER** key and the display will change to "Beep When Armed? **No**". Use the **▲▼** keys to choose **Yes** or **No** then press **ENTER**. The display will go back to the "Beep When Armed" menu, press the **▶** key to move to the next option;



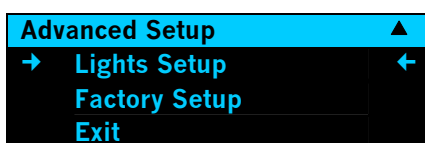
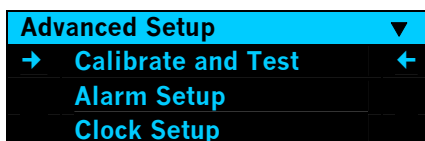
The option is used to register the sensor controller onto the at-home alarm, warden call, carer call or Nursecall system. Before pressing **ENTER** the relevant product must be put into "Learn Mode" – see page 8 onwards. Press the **ENTER** key and the display will change to "Registration data is being sent". After a short delay the display will go back to the "Register Device" menu, press the **▶** key to move to the next option;



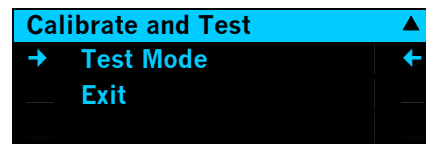
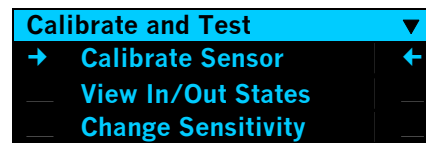
Press **ENTER** to go back to the Main Menu or press the **▶** key to go back to the beginning of the Quick Start Menu.

14. ADVANCED SETUP MODE

From the Main Menu display select **→ Advanced Setup ←** and press the **ENTER** key for the following options;

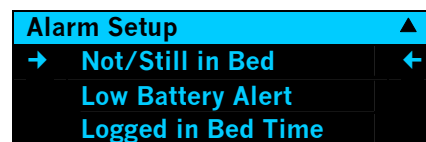
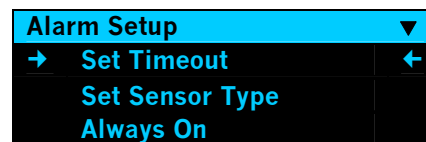


Select **→ Calibrate and Test ←** then press **ENTER**;



Calibrate Sensor – place the bed/chair sensor in position and press **ENTER** to learn the un-occupied weight. **View In/Out States** of each transducer in the bed/chair sensor. **Change Sensitivity** of each transducer (0 = least sensitive to 5 = most sensitive). **Test Mode** – check the client is detected in/out of the bed/chair (see page 5 for details).

From the **Advanced Setup** menu select **→ Alarm Setup ←** then press the **ENTER** key;



Set Timeout (0 to 99 mins) for Absence and Reset; **Absence** = time a person is allowed out of their bed/chair. **Reset** = time a person is allowed to get back into their bed/chair after an "out of bed/chair" alarm has been activated. **Set Sensor Type** as; Standard Bed, Magic Stick Bed, Standard Chair, Magic Stick Chair or Aux. If Aux is chosen then you get the option to change the **Alarm Code** (default 34 = door exit) and the **Countdown** (delay before alarm) 0 to 999 secs. **Always On** – Enable/Disable, if disabled set the Active Periods; **Active Periods 1-3** - set Start/Stop times for up to 3 active periods per day (Note: these repeat every day). **Not/Still in Bed** - Enable/Disable each of these options and set the delay before alarm (0 to 999 mins). **Low Battery Alert** - Enable/Disable the audible beep. **Logged in Bed Time** = time a person must be in their bed/chair before monitoring starts (0 to 999 secs). **Beep When Armed** - Enable/Disable an audible beep when monitoring starts.

14. ADVANCED SETUP MODE - CONTINUED

From the **Advanced Setup** menu select → **Clock Setup** ← then press the **ENTER** key;

Clock Setup		
→	Set Date	01:01:00 ←
	Set Day	Mon
	Set Time	00:00

Clock Setup		
→	Auto BST	✓ ←
	Exit	

Set Date in DD/MM/YY format.

Set Day – Mon to Sun.

Set Time in HH/MM format using 24 hour clock.

Auto-BST use the ▲ ▼ keys to Enable ✓ or Disable ✕ automatic +/- 1 hour British Summer Time adjustments.

From the **Advanced Setup** menu select → **Lights Setup** ← then press the **ENTER** key;

Lights Setup		
→	Radiplugs Setup	←
	RadiPlugs Address	
	Gadgets Setup	

Lights Setup		
→	Gadgets Address	←
	X10 Setup	
	X10 House Code	

Lights Setup		
→	X10 Lights Off	←
	X10 Light 1 Setup	
	X10 Light 1 Setup	

Lights Setup		
→	Exit	←

Mains lamps can be switched on/off automatically when users get in/out of their bed/chair using “Gadget” mains switchers. For more information on setup see the Gadget Installation Guide: Doc No. FM0671



Note: the Radiplug and X10 mains switchers are legacy products which are now discontinued.

From the **Advanced Setup** menu select → **Factory Setup** ← then press the **ENTER** key;

Factory Setup		
→	Load Defaults	←
	Program ID	
	Register Device	

Factory Setup		
→	I/O Setup	←
	Exit	

Load Defaults and **Apply** to restore factory settings as below;

Date 01:01:00

Time 00:00 with Auto BST on

Sensor type: un-calibrated bed sensor

On all the time: No

Active start/stop time periods: all 00:00 (disabled)

Instant alarm: Yes

Delay before Alarm: No

Not in Bed Alarm: No

Still in Bed Alarm: No

Low Battery Beep: Yes

Radiplugs, X10 & Gadgets: all disabled.

Program ID to enter the last 6 digits from the product label.

Register Device to learn the unit onto an at-home alarm, warden call, carer call or Nursecall system.

I/O Setup to choose a Pear Push or a Relay Output, Use the ▲ ▼ keys to Enable ✓ or Disable ✕ a **Pear Push** switch (see section 22).

If the pear push is disabled you will get the option to set the **Relay On Time** from 0 to 99 seconds. The relay activates with any alarm – N/O contacts on I/O socket pins 1 & 3.

Note: it is only possible to set a Pear Push or a Relay Output (not both).

15. REGISTRATION MODE

The sensor controller must be registered onto an at-home alarm, warden call, carer call or Nursecall system. The simplest way to transmit registration data is to press the **CARER CALL** button.



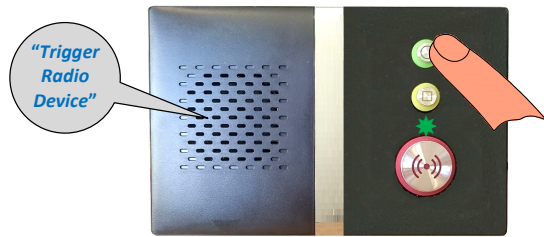
See the following pages for how to put each of the above products into “Learn Mode”.



The range of all radio devices can be affected by the working environment. Always take care during installation and perform several test calls.

16. REGISTERING A SENSOR CONTROLLER ONTO A REACH AT-HOME ALARM

1. Put the Reach unit into radio device learn mode...



Press and **HOLD** the **GREEN C** button on the Reach unit.

When the front light **FLASHES FAST GREEN** release the button and the Reach will announce "**Trigger Radio Device**".

You now have 1 minute to activate the sensor controller.

2. Activate the sensor controller...



Press the **CARER CALL** button and the Reach will announce the type of sensor that has been setup...

a unit with a bed sensor will announce "**Bed Occupancy**"

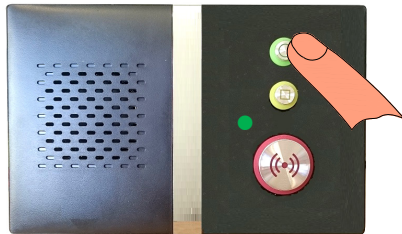
or

a unit with a chair sensor will announce "**Chair Occupancy**"

or

a unit with a pressure mat or door contact will announce "**Door Exit**"

3. Exit radio device learn mode...



Press the **GREEN C** button on the Reach unit.

The front light will return to **STEADY GREEN** and the Reach is back in normal operating mode.

4. Check with the Control Centre that it is convenient to perform a test call, press the **CARER CALL** button and confirm they receive the correct alarm call type i.e. *bed occupancy, chair occupancy or door exit*.

Deleting a Sensor Controller from a Reach at-home alarm unit

Enter *** 1 6 7 0** using the keypad on the rear of the Reach unit – the front light will **FLASH FAST GREEN** and the unit will announce "**Program Mode - Ready**".

Enter **# 0 4 1** and the Reach will announce "**Delete Radio Device**" followed by a "**Beep**".

Enter the 8 digit sensor controller ID[‡] to be deleted; after the "**Beep**" press **#** to exit.

Press the ***** key to exit Program Mode; the unit will sound a "**Double-Beep**" and the front light will return to **STEADY GREEN**.

[‡]The 8 digit ID is made up of the 2 digit sensor type code e.g. bed sensor = 33, chair sensor = 38 or door exit = 34 followed by the 6 digit unit ID which can be found on a label on the back of the sensor controller.



The instructions given above for the standard Reach product also applies to the Reach Plus, Reach Plus GSM and Reach Ultra models. Refer to the instruction booklets provided with these products for more information on programming and testing radio devices.

17. REGISTERING A SENSOR CONTROLLER ONTO AN ADVENT xt WARDEN CALL

1. Put the Advent xt system into radio device learn mode...



Using the Manager's DECT telephone;
Press the **LINE** key and wait for the "**Ready**" prompt.
Enter **5 0 0 0** followed by the ***** key.
Enter the flat number the sensor controller is being installed in followed by the ***** key.
You now have 1 minute to activate the sensor controller.

2. Activate the sensor controller...



Press the **CARER CALL** button.
Wait for the "**Enter Location Code**" prompt then press **0** (no location) followed by the ***** key.
Wait for the "**Pendant Enabled – Enter Flat**" prompt.

3. Exit the Advent xt system radio device learn mode...



Using the Manager's DECT telephone;
Press the **#** key and wait for the "**Ready**" prompt.
Press the **LINE** key to clear the connection and the warden call system is now back in normal operating mode.

4. Press the **CARER CALL** button and check the correct alarm call type is reported on the warden call system.

Deleting a Sensor Controller from an Advent xt warden call system

Press the **LINE** key and wait for the "**Ready**" prompt.
Enter **5 0 0 1** followed by the ***** key.
Enter the flat number the bed monitor is being deleted from followed by the ***** key.
Press the **CARER CALL** button on the sensor controller to be deleted.
Wait for the "**Pendant Disabled – Enter Flat**" prompt.
Press the **#** key and wait for the "**Ready**" prompt, then press the **LINE** key to clear the connection.



Refer to the Advent xt operators manual (Doc No. FM0420) provided with the warden call system for more information on programming and testing radio devices.

18. REGISTERING A SENSOR CONTROLLER ONTO AN ALTEC RESPONSE CARER ALARM

1. Put the Altec Response unit into radio device learn mode...



Press **ENTER** to activate the wake-up display then **ENTER** again to display the main menu.

Press **ENTER** to select **→ Radio Devices ←**

Press **ENTER** to select **→ Learn Device ←**

The display will prompt you to **"Trigger the Sensor"**.

You now have 20 seconds to activate the sensor controller.

2. Activate the sensor controller...



Press the **CARER CALL** button.

The display will show the **Sensor Type** and the sensor controller 8 digit ID number. Check the ID is correct, press the **▼** key to select **→ Accept ←** then press **ENTER**.

Note: if another device has been picked-up press ENTER to → Reject ← and try again.

The display will show **→ Flat →**, use the **◀ & ▶** keys to choose the dwelling type.

Press the **▼** key to select **→ No: 000000 ←** then press the **ENTER** key.

Use the **▲ & ▼** keys to select each digit of the flat number and the **◀ & ▶** keys to move between digits then press the **ENTER** key.

Press **▼** key several times to select **→ Exit ←** then press the **ENTER** key.

The display will prompt you to **"Trigger the Sensor"** again.

3. Exit the Altec Response radio device learn mode...



From the **Learn Device** menu select **→ Exit ←** then press **ENTER**.

From the **Radio Devices** menu select **→ Exit ←** then press **ENTER**.

The display will return to the wake-up screen and go blank after 10 seconds.

The Altec Response is now back in normal operating mode.

4. Press the CARER CALL button and check the correct alarm call type is displayed on the Altec Response unit.

Deleting a Sensor Controller from an Altec Response local carer alarm unit

Press **ENTER** to activate the wake-up display then **ENTER** again to display the main menu

Press **ENTER** to select **→ Radio Devices ←**

Press the **▼** key to select **→ Delete Device ←** then press **ENTER**

The display will prompt you to **"Trigger the Sensor"**

Press the **CARER CALL** button on the sensor controller to be deleted - the display will show the device type and its 8 digit ID

If this is the device you activated press the **▼** key to select **→ Delete ←** then press **ENTER**

If it's NOT the device you activated press the **ENTER** key to select **→ Reject ←** then try again

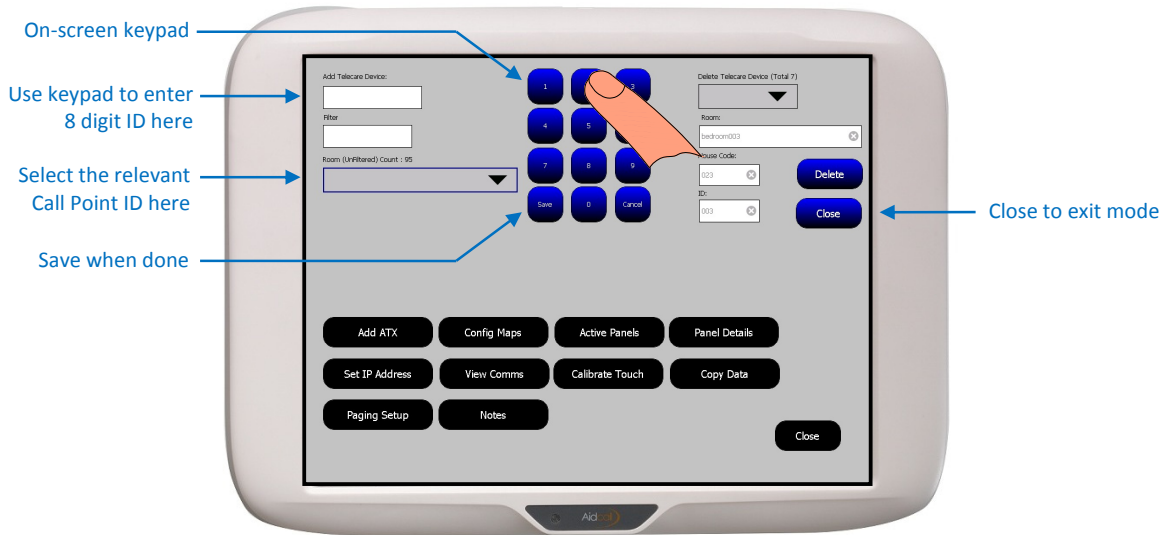
To exit the mode select **→ Exit ←** then press the **ENTER** key.



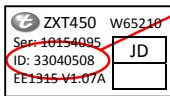
Refer to the Altec Response installation guide (Doc No. FM0548) provided with the portable alarm unit for more information on programming and testing radio devices.

19. REGISTERING A SENSOR CONTROLLER ONTO A TOUCHSAFE PRO NURSECALL

1. Put the Touchsafe Pro Master Panel into Telecare registration mode; touch the screen and Logon as an Engineer or a Manager (*password required*), then from the main menu page touch the **Telecare** button to open the screen shown below...



2. Enter the sensor controller ID...



The 8 digit ID is printed on a label on the rear of the sensor controller.

Note: this ID will always start with 33xxxxxx (bed sensor). You must change the first 2 digits to 38xxxxxx for a chair sensor or 34xxxxxx for a pressure mat/door contact.

Touch the **Add Telecare Device** box then use the on-screen keypad to enter the ID.

*Hint: enter a zone in the **Filter** box to narrow the search for the room (see below).*

Select the users Call Point ID from the **Room** pull-down list box then press **Save**.

Note: this is the room unit that will be used to cancel the call.

3. Press the **Close** button to exit Telecare mode and the Nursecall panel is now back in normal operating mode.

4. Press the **CARER CALL** and check the call is displayed on the Nursecall panel like this...



The screen banner is **yellow** for a bed occupancy call (*Touch the banner to display notes*).

Press the **Accept** button on the banner to silence the alarm - this will also notify all other panels the call is being dealt with.

The screen banner changes to **purple** when a call is accepted.

You must visit the appropriate Nursecall Call Point to cancel the call.



Press the LIGHT GREY button to cancel the call

Deleting a Sensor Controller from a Touchsafe Pro Nursecall system

Select the sensor controller ID to be deleted from the **Delete Telecare Device** pull-down list box (prefixed with a "T33/34/38").

Details of the Sensor Controller selected will be displayed in the **Room**, **House Code** and **ID** boxes below.

If the details shown are correct press the **Delete** button.

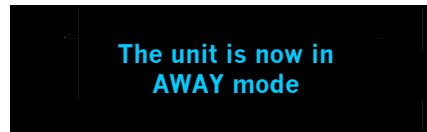
Press the **Close** button to exit.



Refer to the Touchsafe Pro Display Panel user guide (Doc No. FM5505) provided with the Nursecall system for more information.

20. HOME/AWAY MODE

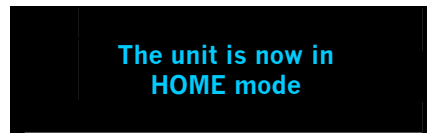
If the person is going to be away from home for more than one day you must select **AWAY MODE** to prevent false “not in bed” alarms. When the sensor controller is in its normal operating mode the ▲ key is used to toggle between **HOME/AWAY** mode. Press this key once and the display will show;



After about 10 seconds the display will blank - during this mode no alarm calls will be sent.

REMEMBER: when the person returns home the sensor controller must be put back into the HOME mode.

Press the **HOME/AWAY** key once and the display will show;



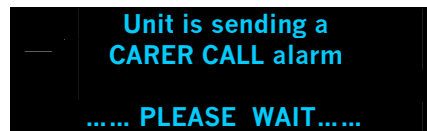
After about 10 seconds the display will blank - normal monitoring is now resumed.

21. CARER CALL FACILITY

The Carer Call facility can be used to raise an instant alarm call via the warden call system, at-home alarm or Nursecall system.

When the sensor controller is in its normal operating mode the ▼ key is used to send a **CARER CALL**.

Press this key once and the display will show;



After about 10 seconds the display will blank.

You will hear reassurance tones from the at-home alarm or warden call intercom when the call is being made.

22. OPTIONAL PEAR PUSH

The Pear Push switch option must be enabled in the **I/O Setup** – see section 14 (page 8).

The Pear Push has 2 functions;

1. Press on/off to toggle a lamp on/off (Gadget mains switchers required).
2. Press and hold for more than 3 seconds to activate an alarm call.

Pear Push with 2m Lead: Product Code ZNC680



If Gadget mains switchers are fitted then the lamp will also come on with an alarm call.

PEAR PUSH



Tynetec and Aidcall operate a policy of continuous improvement and reserve the right to change product specifications without notice. If any variation to the details contained in this document are suspected please contact Tynetec's customer support dept on 01670 352371.