

Aged Care: Patient Monitoring, Fall Prevention

Fall Prevention

Technical Solutions supply a range of monitoring devices that are designed to detect a patient's movements. This equipment can be used as an aid to fall prevention by alerting carers when the person is mobile.

Types of Alarm

Monitors can be connected in such a way that when the monitored individual wanders, the device activates a 'stand alone' buzzer or pager, suitable for use in the family home. Alternatively, monitors can be set up the nurse call system of a hospital or nursing home.



WIRELESS ALARM SYSTEM:

With Door Sensors & PIR Movement Sensors

The **Wireless Alarm Door Sensors** and the small **PIR Movement Sensors** are battery powered with low battery warning and easy to instal. The **Receiver/Buzzer Unit** sounds the alarm when it receives the alarm signal from the **Sensors**. It will keep buzzing till the carer resets it.

PIR BED EXIT ALARM-

Positioning the **PIR Sensor** under the bed will allow the monitored person to move about in bed without causing an alarm. However, as soon as the occupant hangs their feet over the side of the bed the alarm will be triggered.



FLOOR MAT ALARMS

The vinyl Mat Switch (79cmx54cm) is placed on the floor beside the bed or in the door way as required. Standing on the Mat Switch will trigger an alarm that alerts the carer.

FLOOR MAT ALARM - LOCAL BUZZER BOX

Perfect for home care where the wander and carer sleep in the same room. When the patient stands on the mat, a buzzer in the **same room** will sound the alert.



FLOOR MAT ALARM - WIRELESS CALL BUZZER

Perfect for home care of wanders: When the patient stands on the mat, a buzzer in the **carer's room** will sound the alert.



FLOOR MAT ALARM - WIRELESS PAGER

Perfect for home care of wanders: The Mat Switch is be teamed with a portable Radio Call Pager. Suits 24 hour care where the carer can carry the pager with them all day and never miss a call - excellent range: up to 300 Metres.



FLOOR MAT ALARMS TO SUIT NURSE CALL SYSTEMS

Supplied with an appropriate adaptor, the Mat Switch, can be plugged directly into many nurse call systems - standing on the Mat will trigger the nurse call alert. For more information, please call us or see: www.tecsol.com.au/more.htm



TABTIME - DAILY MEDICATION REMINDERS

Programmable daily electronic medication reminder and pill box.

These state of the art electronic pillboxes have up to 8 alarms & 8 tablet compartments. Especially useful for Parkinson's patients or anyone who needs to take frequent doses of medication. Various models available.

Aged Care: Calling For Assistance + Access to Telephones & Call Systems

Calling For Assistance

Patients/Clients/People in supported accommodation have a right to communicate - to call for help when they are in need. Technical Solutions offer a range of call buzzers, pagers and nurse call Interface devices to meet varying requirements.

Nurse Call Interface

Nurse Call Interface adaptors allow any of our light pressure switches and wireless wearable pendants to be used with most hospital and nursing home call systems.



Can't Use The Call Button?

We can provide large easy touch buttons and wearable wireless remote pendants. Works with most call systems.

Radio Call Pagers



Call Buzzers & Pagers

These are ideal for private homes or supported accommodation settings where there is no call system. The small battery powered transmitters can be operated directly by pressing the built in button or by adding one of our range of light pressure switches.

Radio Call Buzzers



ORICOM EMERGENCY CARE PHONE

Big Button Speakerphone with Waterproof Pendant. The pendant can remote answer & hang up incoming calls and in an emergency, trigger the auto dial. Extra loud earpiece for the hard of hearing. After alarm activation, it can dial up to 30 numbers. When the call is answered a prerecorded emergency message is played, then the called person can have a phone conversation with the Care Phone user.



CARE PHONE INC. PENDANT: ORI-TP170

EZY100 BIG BUTTON MOBILE

This Big Button GSM mobile phone is easy to use mobile with a **large, high-contrast backlit screen** with large text, a **large backlit keypad**.

The ezy100 is hearing aid compatible and has **earpiece volume boost, loud ringer and vibration** alert to assist users with hearing loss.

The ezy 100 also features a **one-touch emergency call** function that will help to get assistance quickly in the event of an emergency.

The Oricom ezy100 is the perfect mobile phone for seniors and those suffering from dexterity problems, hearing loss and or low vision.

MOBILE: ORI-EZY100



SOS EMERGENCY TELEPHONE

When an alarm is activated, the phone automatically dials up to three user programmed telephone numbers. When the call is answered the user recorded emergency message is played. Then the person can monitor the premises to ascertain the nature of the emergency.



SOS PHONE, INC. PENDANT - TA119