

FREQUENCY PRECISION®

airlert®
www.pressuremat.com

SAFE, RELIABLE
TECHNOLOGY TO
ASSIST CARERS

FALLS & WANDERING PREVENTION P 6-10



EPILEPSY P 11



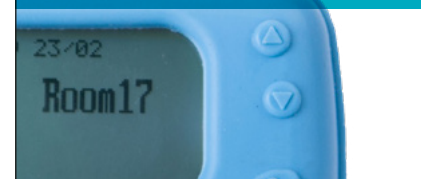
CALLING FOR HELP P 12-14



FALL DETECTION P 15



PAGERS P 16-17



30-day MONEY-BACK GUARANTEE!

☎ 01837 810 590

🏠 www.frequencyprecision.com

✉ contact@frequencyprecision.com

CONTENTS

About Us	3
Airlert Technology	4
Falls & Wandering Prevention	6
Floor Pressure Mats	6
Bed Pressure Mats <i>by Airlert</i>	7
Chair Pressure Mats <i>by Airlert</i>	8
Motion Sensors	9
Wireless Door Sensors	10
Epilepsy	11
Convulsion Sensors <i>by Airlert</i>	11
Calling for help	12
Call Buttons	12
Easy Press Call Buttons <i>by Airlert</i>	14
Fall detection	15
Pagers	16
Testimonials from our clients.	18

About Us

Our story began in a shed in Devon where Frequency Precision's founder, Doug Dwyer, was a busy inventor.

His mother developed dementia so Doug decided to make a sensor to detect getting out of bed, one that would go under the mattress and be discreet.

The system we use today is called [Airlert](#) and uses the same principles as that original mat.

Airlert Technology

Our unique air sensitive system provides a safe and reliable way of monitoring those in care.



airlert®
www.pressuremat.com

The air pressure mats are highly sensitive and detect the change in air pressure as a patient gets out of a bed or chair. By using air pressure, the system reduces false alarms. Unlike some other products, mats can be placed under mattresses or cushions for a more discrete and comfortable sensor.

The Airlert mats use the same technology as self-inflating camping mats. Inside a layer of foam expands as weight comes up off the mat. This sucks in air which is measured by the control box and once a certain pattern of pressure has been detected the sensor alerts.

The air sensitive Airlert system inflates naturally on its own over time.

The Airlert sensor detects subtle variations in pressure change and only alarms when a certain level of pressure has been reached. Patients can roll around on the bed or chair without false alarms.

FP Bed Sensor airlert®

Works With All Beds

Compatible with all types of profile beds and pressure relieving devices.

Discreet And Reliable

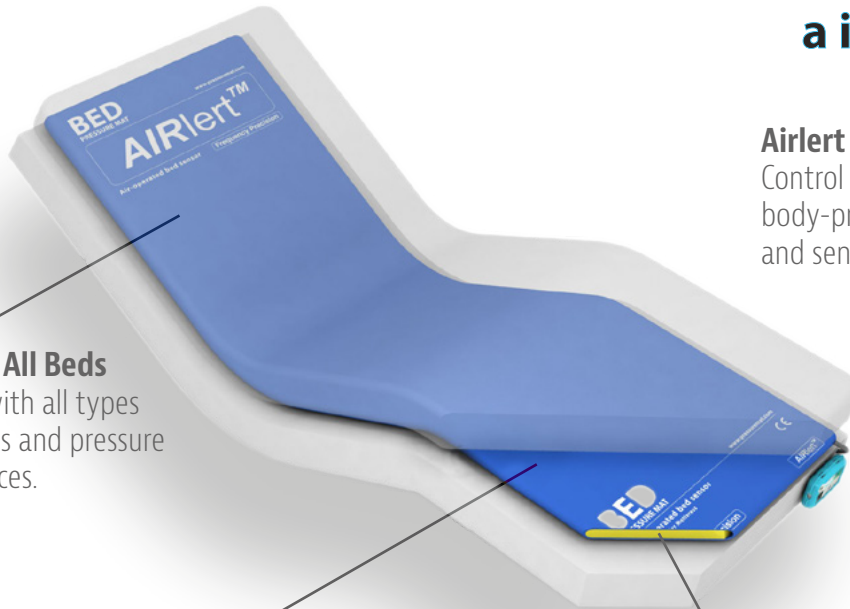
Works both above or below the mattress.

Airlert Technology

Control box measures body-pressure change and sends alert.

Airlert Technology

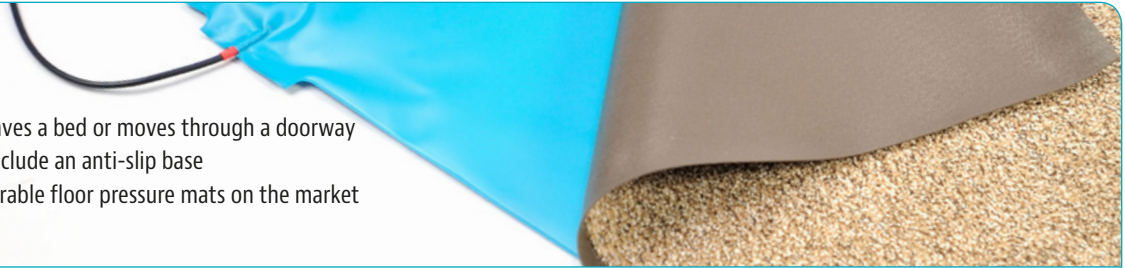
Air-filled pockets sense body-pressure changes.



Falls & Wandering Prevention

Floor Pressure Mats

- » Know when someone leaves a bed or moves through a doorway
- » All floor pressure mats include an anti-slip base
- » The most reliable and durable floor pressure mats on the market



Floor Pressure Mat for Nursing Home & Hospital Call Systems



- Compatible with all nurse systems
- Supplied with durable five-meter lead
- Mat size: 72cm x 56cm
- Product code: XPMF



Wireless Floor Pressure Mat



- Supplied with wireless control box
- Includes test button and spare socket for a call bell
- 400m range
- Product code: APMF



Falls & Wandering Prevention

Bed Pressure Mats *by Airlert*

- » Discrete, under mattress bed pressure mat
- » Sensor mat covers full area of the bed, reducing false alarms
- » Works on all types of bed, including hospital profiling beds and underneath air flow mattresses
- » Easy to clean with an alcohol solvent or with warm soapy water



Bed Pressure Mat for Nursing Home & Hospital Call Systems



- Supplied with matching lead to connect into call system
- Up to four-year battery life
- Product code: XPMB



Wireless Bed Pressure Mat



- Up to 400-meter range
- Control box with test button & accessory socket included
- Each sensor can be programmed to display a unique message on the pagers
- Product code: APMB



Falls & Wandering Prevention

Chair Pressure Mats *by Airlert*

- » Air-filled mat detects a person getting out of a chair
- » Can be positioned both above or below the chair cushion
- » Reduces falls risk
- » Easy to clean with an alcohol solvent or with warm soapy water



Chair Pressure Mat for Nursing Home & Hospital Call Systems



- Supplied with a matching lead to connect into call system.
- Up to four-year battery life
- Product code: XPMC



Wireless Chair Pressure Mat



- Up to 400-meter range
- Portable, hard wearing sensor
- Wireless interface for nurse call systems available, so can activate nurse call point remotely
- Product code: APMC



Falls & Wandering Prevention

Motion Sensors

- » Alerts to movement through a doorway, corridor, next to a bed or over a wider area
- » Adjustable sensor angle – narrow beam or wide area
- » Protective rubber boot and wall mounting plate included



Motion Sensor for Nursing Home & Hospital Call Systems



Wireless Motion Sensor



- Supplied with a lead to connect to your existing nurse call system
- 30-second timer to allow carer to leave the room
- Compatible with all nurse call systems
- Product code: XPIR



- Sensor can be programmed to send a customised message to one or more text pagers
- Extra socket for call bell or floor pressure mat
- Product code: APIR



Falls & Wandering Prevention

Wireless Door Sensors

- » Discrete, wireless door sensors will alert carers when a door is opened
- » Designed to prevent wandering
- » Each door sensor can be programmed to send a customised message to one or more text pagers



Wireless Door Sensor



- Works with both doors and windows
- Supplied with double sided adhesive pads to install in seconds
- Sensor can be programmed to send a customised message to one or more text pagers
- Up to 6-week battery life
- Product code: ACD



Heavy Duty Wireless Door Sensor



- Designed for heavily used doors
- Up to 1-year battery life
- Includes control box with test button
- Supplied with self-adhesive mounting pads
- Product code: AHD



Wireless Door Sensor for Nursing Home & Hospital Call Systems



- Wireless door sensor
- Nurse call interface
- Product code: ADN

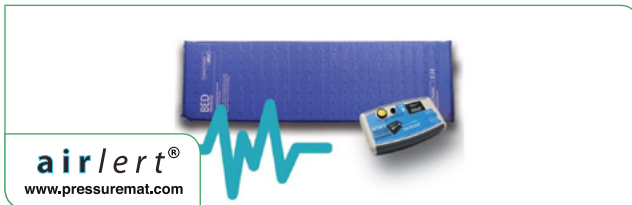


Epilepsy

Convulsion Sensors *by Airlert*

- » Easy to use, long lasting bed convulsion sensor
- » Monitors whole area of bed
- » Detects tonic-clonic seizures (the type that causes the whole body to shake)
- » Adjustable sensitivity using a simple control knob
- » Works on all bed types including hospital profiling beds & airflow pressure relieving mattresses

Convulsion Sensor for Nursing Home & Hospital Call Systems



- Supplied with a matching lead to connect into call system
- Compatible with all call system types
- Product code: XMM



Wireless Convulsion Sensor



- Up to 400-meter range
- Battery operated
- Completely portable and easy to use
- Product code: AMM



Calling for help

Call Buttons

- » Flexible paging solutions
- » A range of wireless and wired call buttons
- » Build your own paging system



Wireless Call Buttons



- Supplied with water-resistant case, wrist strap and lanyard.
- Limitless number of call buttons can be linked to one or more text pagers
- Each button can be programmed to send a customised message to the pager
- 200-meter range (range extender available)
- Product code: APEND



Wall Mounted Wireless Call Buttons



- 400-meter wireless range
- Each button can be programmed to send a customised message to one or more text pagers
- Suitable for wall mounting or can be placed on a table
- Powered by 2 x AA batteries
- Product code: ADB



Calling for help



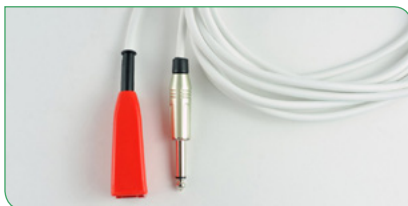
Wireless Call buttons for Nursing Home & Hospital Call Systems



- Supplied with a wireless interface which plugs into your nurse call system
- Allows user to call for help from anywhere in the room
- Pressing the linked call button activates nurse call system
- Call button supplied with wrist strap and lanyard
- Product code: APENDN



Wired Call Bell for Nursing Home & Hospital Call Systems



- A traditional wired call bell for nurse call systems
- Mono or stereo connection available
- Product code: CALLBELL



Calling for help

Easy Press Call Buttons *by Airlert*

- » A highly sensitive easy to push pressure pad
- » Designed for those with limited functional movement
- » Can be placed anywhere, even in the bath
- » Operated by light touch including head or foot movement



Easy Press Call Button for Nursing Home & Hospital Call Systems



- Compatible with all nurse call systems
- Up to 5-year battery life
- Supplied with call system matched lead
- Product code: XSQ



Wireless Easy Press Call Button



- Any number of buttons can be linked to one or more pagers
- Portable design
- Control box includes test button and extra socket for floor pressure mat
- Product code: ASQ



Fall detection

- » Wearable fall detection watch
- » Can be linked to a pager or an existing nurse call system
- » Built-in call button



Falls Watch & Text Pager Set



- The falls watch will automatically detect a serious fall and alert carers
- Completely waterproof and can be worn in the bath and shower
- Also acts as a wireless call button
- The linked text pager will display a message – “help needed” if the call button is pressed or “fall detected” in the event of a fall
- Product code: AFW



Falls Watch for Nursing Home & Hospital Call Systems



- The wrist worn falls watch will automatically detect a fall and trigger the nurse call system
- Supplied with wireless nurse call interface which plugs into your existing call system
- Product code: AFWN



Pagers



Text Pager



- A battery powered messaging pager
- The text pager allows a carer to monitor multiple sensors whilst on the move
- The pager displays the ID of the triggered sensor on its large LCD screen. It also beeps, flashes and vibrates with adjustable volume and tone
- Powered by 1 x AAA battery (lasts about 1 month)
- Product code: APAG



Beeper Pager



- Easy to use with just one button
- Bleeps, flashes and vibrates
- Designed to be used with a single sensor, where no message is required
- Product code: RPAG



Pagers



Wireless Range Extender



- For use with any wireless sensor or call button
- Will extend the wireless range by up to 1km – ideal for larger sites
- Mains powered
- Product code: AREP



Wireless Interface for Nursing Home & Hospital Call Systems



- Allows any wireless sensor or call button to trigger a nurse call point
- Compatible with all nurse call systems
- Mains powered
- Product code: WIN



Testimonials from our clients

“After a year of constant use our unit showed a 12% reduction in falls and we won an award for patient safety.

Kerri Mcmanus, Countess Mountbatten House – NHS Hospice 2013

“I’m on my feet nine hours a day and the last thing I need is to be rushing to the sensors all the time, and I’m not. It’s very reliable and it makes my day a lot easier.

Andy Dunn, Augstinian Care - Bed, Chair & Floor sensors

Testimonials from our clients

“We have ordered several products from Frequency Precision for the people that we support, mostly their convulsion sensors. These have worked brilliantly, easy to set up and use, easy to clean, and robust enough to be moved, taken on holidays etc. It’s a great product and I would recommend it and will certainly be ordering from them in the future.

Amanda Nicholas, Assistive Technology Co-Ordinator

FREQUENCY PRECISION[®]

airlert[®]
www.pressuremat.com

 Citation ISO Certification
Environmental management | ISO 14001: 2015
REGISTERED

 Citation ISO Certification
Occupational health and safety management | ISO 45001: 2018
REGISTERED

 Citation ISO Certification
Quality management | ISO 9001: 2015
REGISTERED

📍 1st Floor, South Devon House,
Station Road, Newton Abbot
TQ12 2BP

☎ 01837 810590

🏠 www.frequencyprecision.com

✉ contact@frequencyprecision.com



★ Trustpilot



TrustScore 4.8
260 reviews

FREQUENCY PRECISION[®]