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Falls Prevention Products

Bed leaving detection alarms
Chair leaving detection alarms
Worn fall detection sensors
Carer alerts in-house & off-site
GSM mobile fall solutions
Wi-Fi connectivity

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Medpage Falls Management products

Medpage T/A Easylink UK have manufactured and distributed fall prevention and detection products for over 25 years. We specialise in products for one-to-one care, or small groups in a Care Home or Hospital. Our systems are robust, easy to set up and use, and have a proven track record in helping to reduce falls, in domestic and professional care establishments.

What are fall prevention products

There is a variety of products available to help prevent and detect a person falling. Occupancy sensors, usually a pressure sensing mat, are positioned in a person's bed or chair. As they rise, an alarm signal is generated to warn a carer or guardian. Warning devices may be a pager or wireless alarm receiver, a tone or voice alarm, or from the monitoring device connected to a nurse call, or Telecare system. Other methods of detecting a person leaving their bed may include a movement sensor (PIR).

What are fall detection products?

Fall detection products generally refer to a sensor incorporated into an alarm device worn by the user, which detect a fall. Medpage supply two types: A watch or pendant style with a gravity change sensor, for local alert to a pager or wireless alarm receiver, and a watch or pendant style with gravity change sensor incorporated into a GSM (mobile phone network) product, usually including GPS location services.

How can they help reduce falls?

Many falls occur when a person at risk from falls leaves their bed or chair, particularly during the night. By detecting an exit from the bed or chair early a carer or guardian gains time to attend and help the person, usually preventing the fall.

What options are available

Medpage supply a diverse range of equipment for detecting bed and chair exit. There are for example, simple bed alarms, chair alarms, or multiple use products for combining bed and chair monitoring, to allow the person to move from their bed to their chair. There are systems that use a cabled pressure mat sensor connected to an alarm controller, or pressure mat sensors with a self-contained alarm transmitter to signal a radio pager. Carer alarm notifications can be by a single or multiple user pager or alarm receiver, or an external alarm device.

How do I choose the best product to suit our situation?

First consider the potential fall risks, then decide how and who should be alerted. Example: A person is known to be delirious when exiting their bed during the night. The carer/guardian sleeps in another room. There is no risk during the daytime. In this situation a simple bed occupancy sensor alarm with a carer pager would be sufficient. In some situations, a recorded voice prompt set as an alarm for playback to the patient can be an effective solution. "Please get back into bed". To help choose a suitable product we have included popular choices in this brochure. To view all models, select [bed leaving](#), [chair leaving](#), or [fall detection](#) under Shop by Product on our website.

The type of alarm receiver is an important choice. All of the featured wireless alarm receivers can receive an alarm notification from multiple sensor transmitters. If more than one bed or chair monitor alarm is in use, you will need an alarm receiver that can work with multiple devices. The alarm receiver options are below.

MPPL3



- 2- Alarm Channel radio pager
- Can be used with multiple transmitters on the same channel
- Channel 1 & Channel 2 produce different alarm tone
- Tone & Vibration alert with tone volume setting
- Mainly for single user/device
- Wireless range up to 100M

TUMPAG31



- 3 Alarm Channel radio pager
- For single/multiple users and devices (up to 3)
- Channels 1-3 have LED alarm channel indication (Ex: Bed 1, 2, 3)
- Tone/Vibration alert notification with volume control
- Can be used with mixed devices: Bed, chair, door, PIR's
- Wireless range up to 100M

PAG-11C



- Multiple channel alarm pager for up to 9 users/devices
- Caller ID displayed in LCD display (Ex: Bed 11, door 7, Chair 8)
- For use in care homes, hospitals
- Tone & Vibration notification alert with volume control
- Can be used with nurse call station [CMD11](#)
- Wireless range up to 100M

EM300



- Unlimited user/device monitoring
- Device/user ID programmed to transmitter for display on alarm
- Long range capability up to 400M
- For large buildings, care home, hospitals
- Tone & vibration alert with volume and tone melody selection

Bed & Chair leaving detection alarm products for one person

CTM-3BKIT Bed leaving detection alarm with recordable voice alarm and carer pager

- ✓ Under-mattress pressure sensor detects person leaving their bed
- ✓ Can help to reduce falls and warn of potential wandering
- ✓ Provides a reliable, quick and simple to use bed leaving alarm solution
- ✓ Recordable voice reminder selectable for playback on bed exit "Stay in bed".

A high percentage of falls occur in the home when a person leaves their bed. With the CTM-3 sensor monitor, a voice recording can be selected for playback when a person rises from their bed. Additionally, an alarm signal is transmitted to the included MPPL tone/vibrate alarm pager to alert a carer.

Key Features

- Integral transmitter with operating range of 100M
- Alarm activation: Instant (3 second) or 15-minute delayed alarm
- Selectable bed sensor or floor pressure mat modes
- Selectable alarm playback volume: silent 90dB
- Supplied with bed/wall mounting bracket
- Low battery warning LED's
- Visual alarm active indication
- Test/reset alarm button
- Soft, thin, lightweight sensor, built for user comfort (750 x 450mm)



Order Code: [CTM-3BKIT](#)

CTM3-CKIT Chair occupancy detection alarm with radio pager alarm



- Reduces the risk of patient falls and wandering
- Carer receives radio pager alert on chair exit
- Plays reassuring voice message to the patient when they rise from their chair
- Recordable voice prompt selectable for playback on chair exit alarm
- Includes MPPL alarm pager and chair sensor (380 x 300mm)

Order Code: [CTM-3CKIT](#)

(TUMBSMPPLK) TumbleCare[®] by Medpage bed occupancy detection pager system for up to 3 users/devices

- ✓ High performance bed leaving detection alarm system
- ✓ 3-Channel caregiver pager for up to 3 sensor devices
- ✓ Patient leaving their bed will generate alarm signal to carer alarm pager
- ✓ Quick and easy to install bed leaving detection alarm

This kit is suitable for domestic and professional care. A cabled sensor, positioned under the bed mattress will detect when a person is in, or out of bed. On bed exit, the transmitter attached to the sensor will send an alarm signal to the radio pager. Three devices, bed or chair sensors, door alarms, PIR's, can be added to the kit, each activating a different alarm channel on the pager.

- Complete bed exit detection alarm system
- Ready for use straight out of the box
- Perfect for home carers and Care Home use
- Radio pager notification to bed exit
- Reduce falls in domestic and professional care
- Hard wearing materials
- Rubber protection jacket for alarm transmitter
- Robust carer radio pager with tone/vibration alert



Order Code: [TUMBSMPPLK](#)

(TUMCSMPPLK) TumbleCare by Medpage chair occupancy detection pager system

- ✓ Caregiver chair leaving warning alarm system with radio pager alert kit
- ✓ Suitable for Homecare, Hospital and Care Home use
- ✓ 1 pager can monitor up to 3 bed/chair sensors
- ✓ Ready to use straight out of the box

- Transmitter: 3 x AA batteries
- Pager: 2 x AA batteries
- Transmitter range: Up to 100M
- Cabled sensor connection
- Instant or delayed alarm
- Sensor pad removal alarm
- Transmitter audible alarm with volume/silent options



Order code: [TUMCSMPPLK](#)

(TUMBKDRX) TumbleCare by Medpage Bed occupancy detection alarm system for up to 5 users/devices

- ✓ Economical quality performance bed leaving detection alarm system
- ✓ Part of the TumbleCare fall prevention product range
- ✓ Patient leaving their bed will generate alarm signal to carer alarm
- ✓ Hard wearing system designed to stand up to rigorous caring demands



This is a bed leaving detection alarm system, part of the TumbleCare fall prevention range designed by Medpage. The bed sensor positioned under a patients bed mattress will detect their presence or exit. On exit the alarm control transmitter sends a radio alarm signal to the carer alarm station to produce an audible and flashing light notification.

Up to 5 separate bed/chair sensor alarms can be used with the 5-channel portable alarm station. With the flashing light alarm function, the alarm station is also suitable for hard of hearing or deaf carers.

- Complete bed leaving detection alarm system
- Wireless carer alarm notification to bed leaving
- Reduce falls in domestic and professional care
- Rubber protection jacket for alarm transmitter
- Portable visual and flashing light carer alarm receiver
- Quick and easy to set up and install (kits are factory prepared)
- Quality chlorine resistant bed sensor 750 x 450mm

Order Code: [TUMBKDRX](#)

(TUMCSDRXTK) TumbleCare by Medpage chair occupancy detection alarm system for up to 5 users/devices

- ✓ Economical quality performance chair leaving detection alarm system
- ✓ Part of the TumbleCare fall prevention product range
- ✓ Patient leaving their chair will generate alarm signal to carer alarm
- ✓ Hard wearing system designed to stand up to rigorous caring demands

Transmitter: 3 x AA batteries

Alarm Receiver: 3 x AA batteries (optional DC adaptor)

Wireless alarm range: 100M

Sensor: 380 x 300mm

Alarm notification: Audible alarm + Flashing LED's

Order Code: [TUMCSDRXTK](#)



CSA11WBCK Patient bed and chair exit & return monitoring wireless alarm with carer pager

- High specification wireless sensor alarm controller for professional and domestic falls prevention systems
- Wireless alarm to radio pager for a patient leaving their bed or chair
- Last sensor alarm auto reset allows a patient to leave their bed and sit on a chair without alarm generation (selectable alarm delay duration)
- Can reduce care costs without compromising patient safety

This system was designed based on personal experiences of caring for a person prone to falls in the home. The alarm controller monitors the wireless signals from the bed and chair concealed sensor pad transmitters. A patient in bed or sitting on chair will confirm the system arming process. If the patient rises from their bed and fails to return within the selected alarm delay period an alarm signal is transmitted to the carer pager. If they rise from their bed and sit on their chair within the alarm delay, the alarm is cancelled, and vice versa from chair to bed.

In a care home setting, up to 99 bed/chair alarm systems can be monitored by single, or multiple pagers. This provides the resident with more independence and reduces carer support time.

The system can also be linked to external monitoring systems including telephone auto diallers and Telecare systems.

Sensor Controller ([MPCSA11](#))

Wireless alarm receiver/transmitter
Smart monitoring of up to 3 devices
Power: 3 x AA batteries, or DC adaptor
Tough rubber protection case
Nurse call system connection output
Zonal code setting (multiple systems)
Wireless alarm range: Up to 100M

Alarm pager (PAG-11c)
Caller ID display
Tone/vibration alert
Alarm reset button
Power: 2 x AA batteries

Bed sensor (WPAS10T) wireless sensor
DIMS: 760 x 250mm
Integral transmitter

Chair sensor (UCP10T)
DIMS: 350 x 250mm
Integral transmitter

All items and batteries included



Order Code: [CSA11WBCK](#)

Optional items to expand a system include.

[UFMT10T](#) Cordless floor alarm mat

[TUMPIR21](#) Wireless PIR sensor

[TXP11](#) Worn fall detection sensor

TUMWPASKIT Dual sensor bed pressure mat body detection alarm with caregiver alarm pager (for up to 3 patient's

- New technology bed sensor reduces false alarms using bed edge detection sensor
- An alarm is generated when a person rises from the centre of the pad or from the edge of the bed
- Integral discrete radio alarm transmitter signals caregiver pager for bed exit alert
- Can be used on most profiling bed types

Completely cable-free design bed sensor for discrete bed exit monitoring. Pager has 3 radio channels enabling monitoring of 3 separate patient sensors.

Sealed transmitter battery provides 18 months continuous monitoring.



Order Code: TUMWPASKIT

UCP10TP31 Cordless chair occupancy sensor pad with alarm pager

- Simple to install chair sensor pad to detect a person on or off their chair
- Chair exit causes the integral sensor pad to signal the carer alarm pager
- Suitable for single or multiple users (up to 3 individuals with the included pager)
- Hard wearing durable antimicrobial materials provide a long and reliable service life
- Zip-seal transmitter pocket to prevent water ingress



Order Code: UCP10TP31

This chair leaving alarm kit makes it easy for a carer to monitor a person in their chair, more importantly, when they rise from their chair and may be at risk from a fall.

Cordless bed & chair leaving sensor pads with caregiver radio pager alarm

- Discrete under-mattress sensor for bed occupancy detection
- Provides early alert to a person preparing to leave their bed
- Alarm transmitter built into sensor pad pocket to eliminate all wires
- Radio pager for single or multiple patient bed/chair monitoring

This kit includes a bed pressure sensor pad (WPAS10), which detects a person on or leaving their bed. On bed exit, the integral transmitter sends a signal to a radio pager to raise an audible and/or vibration alert to a caregiver of a potential fall. Operation is straightforward. The radio pager has a caller alert ID display for multiple patient monitoring, additional bed or chair sensor pads, door contacts, movement sensors, or call buttons.

- Pager: 2 x AA batteries
- Multi-caller ID display
- DIMS: 55mm x 75mm x 25mm
- Sensor: 76 x 25cm
- Wireless Range 60-100M



Order Code: [TUMWPASKIT11](#)

UCP10TP11 Cordless chair occupancy sensor pad with alarm pager

- Simple to install chair sensor pad to detect a person on or off their chair
- Suitable for Care Home and Hospital community lounges
- Suitable for single or multiple users (up to 99 individuals with the included pager)
- Hard wearing durable antimicrobial materials provide a long and reliable service life
- Installs in just a few seconds for reliable chair leaving pager notifications
- Zip-seal transmitter pocket to prevent water ingress



Order Code: [UCP10TP11](#)

BMDV-11BKIT Dual sensor bed leaving detection alarm with nurse call connection

- Dual potential fall reducing sensors
- Internal tone alarm with volume control to alert carers
- Magnetic release clothing clip for chair, toileting and wheelchair alerts
- Quick install battery operated system plug and go set up
- Recordable voice reminder selectable for alarm playback “Sit back down please”
- Secure caregiver alarm reset
- Sensor pad fault alarm

The clothing clip alarm is particularly useful to raise an alert when a person rises from their chair, and with the included under-mattress bed sensor pad the kit provides comprehensive falls reducing alerts. The sensor controller has an output to allow connection directly into a nurse call system.



Order Code: [BMDV-11BKIT](#)

BMDV-11CKIT Dual sensor chair leaving detection alarm with nurse call connection



- Fall prevention alarm with clothing clip pull away magnetic alarm trigger
- Under-cushion chair sensor for the detection of chair exit
- Provides an early warning to carers when a person at risk from falls exits their chair, wheelchair, or toilet seat
- Simple to set up and use with battery operated sensor alarm controller

Power Supply: 6V AC adaptor, 300mA or 3 x AA-type alkaline batteries

Battery life: 1 year (Nominal)

Dimensions: (L x W x D): 120 x 77 x 34mm

Order Code: [BMDV-11CKIT](#)

BMS-03BKIT Bed leaving detection alarm with nurse call connection

- Our basic bed occupancy detection alarm with sensor and alarm controller
- Under-Mattress bed sensor for the detection of bed exit
- Provides an early warning to carers when a person at risk from falls exits their bed
- Simple to set up and use with battery operated sensor alarm controller



Order Code: **BMS-03BKIT**

This bed leaving detection alarm is suitable for home care and professional use.

The included under-mattress bed sensor plugs into the alarm controller. When a person rises from their bed the built in audible sounder operates. Alarm volume can be adjusted from silent to 95dB. Nurse call connection via 6.3mm socket

- Tone alarm with volume control (Switch selectable)
- Reset button on monitor front
- Port to connect with nurse call system (NC/NO) 1/4 jack socket (6.3mm)
- Operates on batteries (3 x AA) or via AC adaptor
- Low battery and nurse call plug removal alert
- Pad lost alert

BMS-03CK Chair leaving detection alarm with nurse call connection

- BMS-03CK Chair leaving detection alarm with nurse call connection
- Our basic chair occupancy detection alarm with sensor and alarm controller
- Under-cushion chair sensor for the detection of chair exit
- Provides an early warning to carers when a person at risk from falls exits their chair
- Simple to set up and use with battery operated sensor alarm controller



Order Code: **BMS-03CK**

NMDTX-BKIT Under-mattress long range bed exit sensor kit for care homes, large buildings or stone built properties

- High-performance bed exit detection sensors for single and multiple bed monitoring
- Long range digital transmission up to 400M
- Bed exit alarm signal message transmitted to data message pager
- Multi-function selectable operation mode: bed sensor, floor pressure mat, delayed return to bed alarm settings
- Universal POCSAG message programmable transmitter

The NMDTX2 transmitter designed and manufactured by Medpage, provides long range radio alarm signalling for larger care establishments. The transmitter is programmed with default selectable call messages, or via our free programming software for PC. The professional grade sensor plugs into the transmitter and is positioned under the patient's mattress ready for exit detection. The carer pager, on receipt of an alarm signal displays a caller ID message. Example's, Bed Alarm 1, John's Room, Bed 2 Ward 4 etc.

- Long range transmission (up to 400M)
- Trigger Input Socket 2.5mm jack
- Trigger mode selectable for N/O or N/C
- Secure On/Off Power switch (selectable)
- 433MHz @ 10mW
- POCSAG Message programmable
- Dimensions: L 145mm W 40mm D 22mm
- Powered by 2 x AAA batteries -12 Month typical use before battery change



Order code: [NMDTX-BKIT](#)

Chair version

Order Code: [NMDTX-CKIT](#)

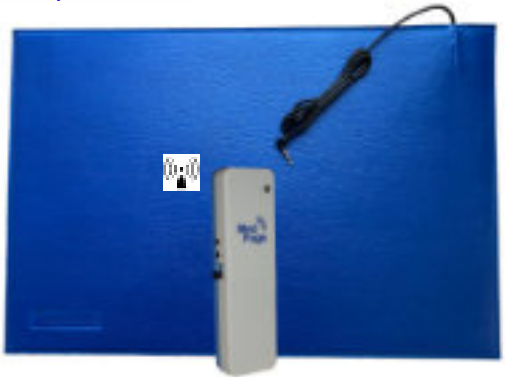


DTX2T04FP TumbleCare Large non-slip floor pressure mat sensor with long range alarm transmitter

- Quick and easy solution for detecting a person stepping out of bed
- Non-slip materials provide grip on carpets and tiled floors
- Stepping on the mat activates alarm transmission to data message pager
- Suitable for large building, Care Homes, Hospitals

This quick to install floor pressure mat alarm can be used for bed exit, entrance hall and general floor pressure mat security applications.

The tough durable materials will provide years of use, and with the heavy gauge connection cable, failure through broken wires is highly unlikely. Multiple floor mats with transmitter can be used in a multi-alarm system.



This product does not include an alarm pager see: [EM300 Pager](#)

Order Code: [DTX2T04FP](#)

TUMFBP1LRK Folding bed leaving pressure mat alarm sensor for single and double size beds with digital message pager

The new TUMFBP1 TumbleCare folding bed sensor pad is designed to provide bed occupancy detection on both sides of a double or even super king-size bed. The sensor folds neatly in half for use on a single bed too.

When connected to a Medpage sensor controller transmitter it provides a reliable alert when a person rises from and leaves their bed, essential as part of a falls management strategy. This kit includes 1 x NMDTX2 long-range transmitter, 1 x EM300 digital message pager 1 x TUMFBP1 folding bed sensor pad.



- **Dimensions: 126cm x 33cm**
- **Sensor cord length 3M**
- **Alarm signal range 400M**
- **Alarm type: Pager with display alarm message**

Order Code: TUMFBP1LRK

CTM3FMDRXK Large floor mat with voice prompt alarm transmitter and Portable alarm station

- Patient and carer warning on bed exit with voice prompt and alarm transmission
- Recordable voice memo is played back when patient stands on floor pressure mat
- Alarm signal is transmitted to carer portable wireless alarm station
- Alarm receiver can monitor up to 5 individual monitor/floor mat kits

The CTM3 is a versatile alarm monitor, which allows a voice recording to be played back as a voice prompt when triggered by a person standing on the floor pressure pad. Additionally, the CTM3 transmits an alarm signal to the NMDRX portable alarm station. This kit is suitable for domestic and professional care and can be expanded by adding additional alarm transmitters.



Order Code: [CTM3FMDRXK](#)

CTM3FMMPLK Large floor pressure mat with voice prompt alarm transmitter and radio pager

- Patient and carer warning on bed exit with voice prompt and alarm transmission
- Recordable voice memo is played back when patient stands on floor pressure mat
- Alarm signal is transmitted to carer radio pager
- Radio pager can monitor up to 2 individual monitor/floor mats kits
- Floor Mat: 91.44cm x 60.96cm
- Wireless range: 60-100M



Order code: [CTM3FMMPLK](#)

UFMT10T Universal large non-slip floor pressure mat with cabled or concealed transmitter option

- Single or multiple patient monitoring
- Heavy duty durable design
- Choice of alarm signal receiver types to suit number of devices/patient's
- Can be used in conjunction with bed/chair sensors, door, and movement sensing PIR's



The UFMT10 can be used in wireless (no cables) and cabled floor mat alarm configurations. The UFMT10 with transmitter option (UFMT10T)) can signal the MPCSA11, TUMPAG31 and PAG11C pagers directly. If the cabled option is used it would need the MPCSA11, or BTXMED-04 sensor mat alarm transmitter to signal the pagers. You can see by the transmission flow diagram that all cordless sensor pads can signal the 3 alarm receivers directly.

The MPCSA11 provides multi-sensor monitoring with alarm transmission to the PAG-11c pager. The MPCSA11 also has a relay output to allow connection to a nurse call or Telecare system. Sensors can be selected for instant alarm, or with talk-back control; this feature provides a reset to the last active sensor. Example, bed to chair,

Portable fall sensors with SOS call buttons

The products featured below all include a gravity change sensing microchip to detect a fall. They contain a transmitter to signal an alarm receiver or Smartphone.

TXP11 Fall sensor with SOS call button

- Compatible with: MPPL, TUMPAG31, NMDRX, PAG-11c radio pagers.
- IP67 rating, suitable for use in shower/wet room/bathing
- Supplied with lanyard and wristwatch strap
- Alarm range: 60-100M



BC346 Long-range Fall sensor with SOS button

- IP67 rating, suitable for use in shower/wet room/bathing
- Long alarm signal transmission range (400M)
- Compatible with EM300 digital message pager
- DIMS: 47 x 41 x 15mm Weight: 37g



MPPL-FA6 Fall sensor wristband with touch-sensor call button

- Compatible with: MPPL, TUMPAG31, NMDRX, PAG-11c radio pagers
- Touch sensor call button to aid people with poor dexterity
- Alarm transmission range 60-100M
- Dims: 45mm x 35mm x 18mm Weight: 31g



MMFA66 GPS Smartphone watch with fall sensor

- GPS location via guardian Smartphone (iOS & Android phones)
- Integral fall sensor with sensitivity adjustment via phone APP
- Remote monitoring of: Step count/Blood Pressure/HR & sleep
- 3-7 day battery life between recharging (magnetic charger)
- Send/receive SMS messages - Make & receive phone calls

