

Radio linked Pneumatic Pressuremat system RPMB

To alert to bed/chair leaving.

The pneumatic sensor is a patent applied system that provides better discrimination and reduced false alarms to alert when a vulnerable individual leaves a bed

Elements in the system

Pressure Mat approx 198X63X3 cm (25x37 for chair) Green/Blue waterproof fabric with plastic pneumatic tube .

Pocket receiver (Black with display marked pager) Requires 2AAA alkaline batteries Display shows battery icon when change is necessary

Transmitter With spigot for air tube. Battery with life of some months requires PP3 alkaline battery accessed at rear

Note green pressuremat under mattress/on chair and pneumatic tube from the pressuremat plugged into transmitter

The pneumatic pressuremat is plugged into the coded battery powered transmitter by means of an air tube.

The pneumatic pressuremat when first supplied will be rolled up tightly and should be unrolled and left for some time to expand and equalize pressure, it should be placed centrally if under a mattress .

Testing Pressuremat After allowing time for self inflation; place the pneumatic pressuremat under the mattress/or on the chair push the pressure tube over the central rigid connection tube on the side of the transmitter



Lay on the mattress or sit on the chair for a minute to sensitise .

Turn the pager receiver on .

Leave the bed or chair and observe that the red light on the transmitter illuminates to indicate that a signal has been sent to the pager receiver.

The light on the pager transmitter will be observed to illuminate and the pager receiver will beep.

Notes

The pager receiver may be silenced before this by pressing the off button if required. When the bed is left unused such as during the day the transmitter will be off automatically.

The system will be insensitive for the first seconds.

The Pocket receiver can be turned on by pressing the ON button, the receiver will beep and the LCD indicator will move from diagram to diagram whilst operating and the light at the top of the receiver will flash briefly at turn on.

**Frequency
Precision Ltd.
Shorts Farm
Northlew
Okehampton
Devon
EX20 3NR UK**

**Phone +44(0)1837810590
Fax +44(0)1837810862
contact@frequencyprecision.com
www.pressuremat.com**

**Directors
D. F. G. Dwyer and S.M. Dwyer
Registered in England 1944317
Registered Office ; Shorts Farm Northlew
Okehampton Devon EX20 3NR**

The receiver will operate for a month or more from **fresh alkaline AAA batteries** The receiver will beep and the LCD screen show the battery sign when the batteries are low. To change batteries slide rear cover away from body, fit 2 new AAA alkaline batteries.

The receiver has a memory and is matched to the code of the transmitter .

Normally the transmitter and receiver will already be matched but the receiver may need to be re-matched to the transmitter if batteries are not inserted for an extended period..

The attachment lead and clip forms part of the receiver aerial and should not be folded or shortened. The Transmitter is powered by an **Alkaline** (Duracil preferred) PP3 battery accessed by pressing and sliding the rear battery cover. The transmitter may be attached to a surface by means of the Velcro strips at the rear.

The battery will have a life of some months. the transmitter should be tested regularly. Pressure on the yellow press button will cause the transmitter to operate as indicated by the red panel light. There is a battery voltage detector built into the transmitter, the battery can be checked by pressing the yellow call button, the battery should be changed when the red light intensity reduces.

Testing the system without the pressuremat

Switch on the pocket receiver.

Press the yellow call button on the transmitter and hold down for a few seconds.

Observe that the transmitter light is illuminated and the receiver beeps and the receiver light illuminates

Notes

To test maximum range, place the receiver at some point from the transmitter , activate the transmitter by pressing the yellow call button .

Observe that the receiver beeps.

To reset the receiver turn the receiver off , then on, after a few seconds. alternatively press the reset button.

Maximum line of sight range will exceed 100m but may be reduced in a building .

The transmitter may be used to call the pager receiver without the contact closure by means of the **yellow press button**.

Remember The red light is arranged to dim before the battery becomes fully discharged , the battery should be changed before the light fails to illuminate.

All monitoring systems are intended to assist carers and are not to replace supervision. Daily system tests should be carried out to ensure correct function and incorporated within safety manuals and procedures where available .All systems can fail and it is the responsibility of the user to carry out regular tests and to determine the suitability of this equipment for any application.

Repair and replacement Frequency Precision will refund payment for any unit returned within 30 days of purchase as unsuitable for the intended purpose.

Un-damaged but faulty units returned within 1 year will be repaired no charge.

All batteries should be removed for long term storage.

**Frequency
Precision Ltd.
Shorts Farm
Northlew
Okehampton
Devon
EX20 3NR UK**

**Phone +44(0)1837810590
Fax +44(0)1837810862
contact@frequencyprecision.com
www.pressuremat.com**

**Directors
D. F. G. Dwyer and S.M. Dwyer
Registered in England 1944317
Registered Office ; Shorts Farm Northlew
Okehampton Devon EX20 3NR**