

# Instructions

## Wireless Convulsion Monitor - (AMM)

FREQUENCY PRECISION

airlert®

www.pressuremat.com

A pressure sensitive mat to alert to seizure  
The movement monitor uses an Airlert™ bed pressure mat to detect excessive movement of an individual whilst in bed.

### What's Inside

Your wireless convulsion monitor consists of a rolled up full length foam mat and a battery powered control box. These plug together using the black air tube. It is supplied with a matched pager.



### How it works

The air filled foam mat is placed underneath the mattress and connects to the control box. When excessive movements are detected (such as those typical of the type of seizures that cause the whole body to shake), the rapid change in air pressure in the foam mat is detected by the control box. The red and blue light will flash on the control box to indicate that the sensor has been triggered and a wireless signal will be sent to any linked pager(s).

### Installation Instructions

#### 1. Unroll the bed mat

Unroll the bed mat. When newly unrolled allow the mat to self inflate by leaving it on the floor for at least 20 minutes. It can then be inserted into position underneath the bed mattress.

#### 2. Insert the batteries

Remove the control box from the rubber case. The battery compartment is located on the back of the unit. Open the battery compartment by sliding the cover and insert 2 x Alkaline AA batteries if not already fitted.



#### 3. Connect the bed mat

Connect the air tube to the mat and to the control box by twisting the end firmly over the proud airpipe. Take care to ensure the tube is not bent or crushed.

The 'extra sensor' jack socket will not normally be needed but it can be used to connect an additional sensor such as a floor pressure mat. Please contact us for more information

#### 4. Set the sensitivity using the side control switch

The sensor is triggered by repetitive movements. Slow is the most sensitive setting. It means that the sensor will pick up slower shaking movements. Rapid is less sensitive, because the sensor will only pick up faster shaking movements.



#### 5. Fine tune the sensitivity

Adjust the dial to fine tune the sensitivity. For most people, this will be somewhere between the 3 o'clock and 9 o'clock positions.

When setting the sensitivity, the aim is to allow the person to move normally while they are in bed without triggering the sensor, while also ensuring that excessive movements typical of a seizure are detected.

It is useful to fine tune the sensitivity with a person in the bed.

Ask them to roll over or reposition themselves and ensure that this doesn't trigger the sensor. Then ask them to simulate the movements associated with a seizure and check that the sensor triggers.



#### 6. Position the control box

The control box is supplied with a blue protective rubber case and straps. The straps are threaded through the back of the rubber case and can be attached to any part of the bed by feeding them through and pulling them until tight.

Alternatively, the control box can be placed on the floor underneath the bed.

We can supply alternative mounting solutions including:  
- Self adhesive velcro pads which can be used to attach the control box to any flat surface.  
- A wall mounting plate which can be used to attach the rubber case to a wall.  
Please contact us for more information.



