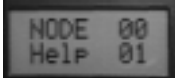




## Quick-start guide for P163A Radio linked Mobility Monitor systems: (S1034A & B)

The P163A is a flexible monitor capable of using a range of sensing components and passing an alarm to a portable Nurse Call Pager. The system will have been provided with sensors and set for operating conditions to best suit your needs, within our experience and the information you provided. This leaflet is a quick-start guide to installing, testing and using your system. After installation we are pleased to offer you a full system check via our telephone helpline, and would urge you to use this service. Should you wish to change any of the operating parameters or modify your system in any way, then detailed handbooks are available on request or on-line at [www.alert-it.co.uk/handbooks/](http://www.alert-it.co.uk/handbooks/)

Install the sensing components	Connect to P163 and test	Normal Operation
<p>The P149 <b>Chair Occupancy</b> Mat is installed on top of the chair cushion under a suitable cover sheet, in a position that ensures the maximum body weight is sitting on the mat, typically below the upper torso. Under the shoulder area is a good place if an alarm is required before the users feet touch the floor.</p>	<p>The connection of any sensor to the P163 is by means of a telephone style 6 pin connector, which should be pushed home until the click of the latch is heard</p>	<p>The unit will be quite passive until the sensor is activated, when the alarm will be raised at the pager. Remember that some sensors operate with a time delay to reduce false alarms.. If the sensor remains activated for this delay then there will be a beep, the front panel light will flash and the alarm will be transmitted . The pager will show the alarm and will normally also sound an appropriate audible alarm (which can be silenced either permanently or for 5 minutes while attending the client). The pager can also be set to vibrate (see setup sheet).</p> 
<p>The P143 <b>Bed Occupancy</b> Mat (C) is installed on top of the mattress under a suitable cover sheet, in a position that ensures the maximum body weight is lying on the mat, typically below the upper torso. Under the shoulder area is a good place if an alarm is required before the users feet touch the floor.</p>	<p>Turn on the P163 by removing the Red plug-in key. The P163 has a internal battery or an external 12v power adapter can be used. A rechargeable option is also available. If the battery becomes discharged then a fault message will be transmitted to the pager. Turn on the <b>Pager</b> by pressing the MENU button for 3 seconds (in the event of no response then charge the battery for at least 5 minutes)</p> 	<p>The front PRESS switch can be used to call for assistance by a short 1 second press. A PRESS longer than 5 seconds sets an URGENT alarm. The alarm can only be cleared at the pager by pressing the RESET button.</p>
<p>The P150 <b>Floor Mat</b> can be placed by a bed or in a door way to detect mobility. It is only suitable for use on a carpet floor, to enhance sensitivity and reduce slipping. An anti-slip underlay is available from iTs Designs if required. The cable should be run to the P163 in such a way as to reduce any trip hazard.</p>	<p><i>These tests must be repeated regularly to check the sensors</i></p>	<p><b>S1034B only:</b> Bed &amp; Chair Occupancy reset has a special feature to prevent false alarms during the day. If the RESET button is pressed at any time with the occupant out of the chair, then the alarm detection is inhibited until the mat is next operated, indicating that the client has got into the chair and is therefore now to be monitored.</p>
<p>To use the P144 <b>Weight Sensor</b>, the bed/chair leg is positioned in the recess of the wedge. For beds it is recommended to use a leg near the headboard which carries greater patient weight.</p> <p>On wheeled legs it is best to lock the wheels where possible as movement within the recess can affect the weight setting.</p> 	<p><b>Radio Test:</b> A short press on the reset button (less than 1 second) will stimulate a radio transmission (and battery test). The name of the alarm monitor should flash up on the pager as a result. Repeat this at the extremities of the building to test radio reception</p> <p><b>Chair or Bed Occupancy (S1034B):</b> After pressing RESET the P163 will be in a disarmed state awaiting the user to return. By pressing the mat the unit will arm and emit a beep, which proves the successful operation of the mat. This makes an ideal test of operation.</p> <p><b>Floor Mat (S1034A):</b> Stepping on the mat will produce a beep and the alarm will be raised, which can be immediately cancelled</p>	<p>The rechargeable version may have the Safelink protection enabled. Should the radio signal become weak or disappear, then the pager will show RF Fail, which should be corrected immediately as it implies any alarms would not be displayed</p>
<p>The P163 can be supplied with a wide range of sensing switches, which will be installed as directed in their own handbook</p>		

## Alarm Indications

Pager Indicates	Reason	P163 Indicates
URGENT 01	Sensor activated	0.5 sec flash
ASSIST 01	Short PRESS	0.5 sec flash
URGENT02	Long Press	0.5sec flash
FAULT 30	Battery Low	short flashes
FAULT 31	Battery Dead	short flashes
RF Fail	No radio signal	
	Battery exhausted	Clicking sound

## System components and connection (actual components supplied may vary to order)

Part Description	Part No
A Monitor for Floor Mats	P163
B on/off key	P163C
C Rechargeable Option	P163D
D Pager	P138B
E Power Supply for F (Universal)	P153A
F Bed Occupancy Pad	P143C
G Floor Mat	P150C
H Chair Occupancy	P149A
I Bed Leg Weight Monitor	P144B

F to I will depend on system ordered

### Instant/Delay link (S1034B)

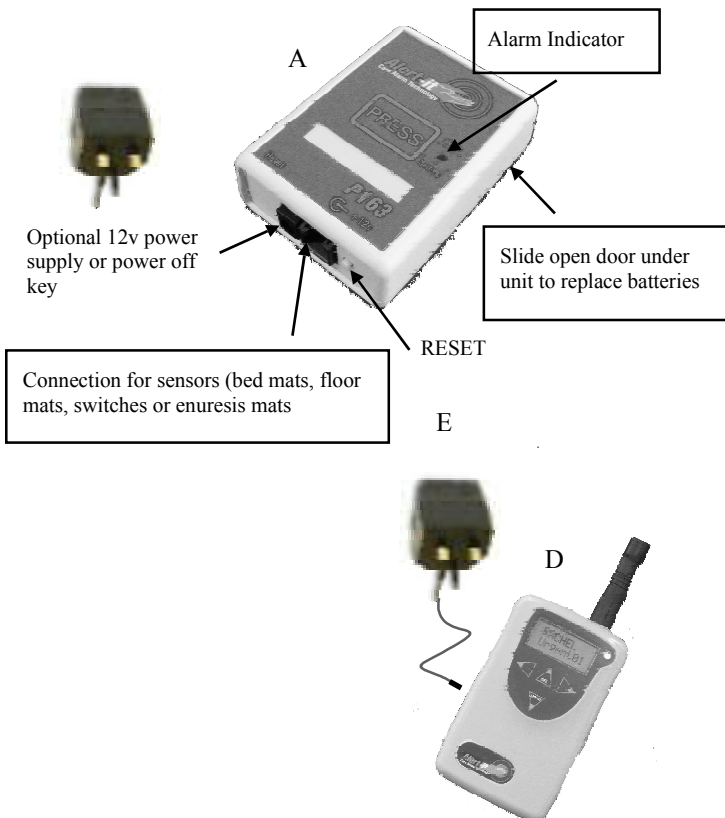
The Bed & Chair occupancy systems (P143, P144, P149) can be set for instant alarm or for an alarm after 5 minutes (or any delay to special order). The choice is controlled by an internal link. To access this link, then remove the base by removing the 4 corner screws.. The link can then be set as shown below:



Alarm will occur instantly



Alarm will be delayed



Full adjustment details are found in handbooks available on:  
[www.alert-it.co.uk/handbooks/](http://www.alert-it.co.uk/handbooks/)  
 Or by phoning Alert-iT **0845 2179951**