



P154 Bedside Monitor Systems

System with sound monitoring capability

The P154xA Bedside Monitor unit is capable of detecting Spasm induced Bed Movement, Sounds associated with distress and Bed Vacation by the addition of the necessary sensors. Any distress condition is immediately communicated to either the P138 pager via a failsafe radio link, or by wired connection to a Nurse Call, remote bell or Telephone Dialler. The pager can support up to 3 Bedside Monitors (or an extended P137 pager is available for up to 32 clients).



The Bed Movement sensor (P114) is well proven and one of the most sensitive on the market. It can assist with even small children exhibiting single limb spasms

The Sound Sensing uses an optional external microphone (P158), which can be easily adapted for a wide range of use. The system is designed to be sensitive to repetitive bursts of sound, as a client may exhibit during a seizure or severe distress, but to be insensitive to continuous background noise (eg radios and TVs).

(A Sound Level version P154xC can be supplied if required)

The Bed Occupancy detector (P143) can either alert the carer immediately the client gets out of bed, or it can be set to allow the client an acceptable period out of bed (eg for a bathroom visit) and will only sound the alarm if they fail to return.



The settings are clear and easy to follow, being mainly a time delay to differentiate between normal and abnormal movement and sound

The P154 is available ready configured in a number of monitoring systems shown below, or can be supplied configured for a range of applications eg with specific Nurse Call leads, Telephone Diallers or Floor Mats and Panic Button sensors. A version capable on Enuresis Monitoring (P154B) is also available.

For more demanding applications, the S1016 Advanced Bed Monitor can provide the additional capabilities of Breathing Monitoring, Vomit and Urination Detection

S1026A	Radio system for Bed Movement only, with optional sound capability
S1027A	Wired system with Remote Bell & 10m cable for Bed Movement only, with optional sound capability
S1028A	Wired system with Remote Bell & 10m cable for Bed Movement, and Bed Vacation, with optional sound capability
S1029A	Radio system for Bed Movement, and Bed Vacation, with optional sound capability

To monitor sounds then order the additional microphone (P158). A wall/bed bracket (P159) is also available as an option

"SafeLink"[™] is a complete radio link concept which, by means of repetitive self-check signals and secure information coding, can alert the carer not only to the alarm but also to the loss or degradation of the radio signal. Most importantly it warns of interference from other systems using the same frequency range (e.g. door-bells, car locks, burglar alarms). As many as 32 systems can be used in the same area without interfering with each other. The radio signal will penetrate walls so that the system is suitable for linking bedrooms, between floors or even between adjacent houses, up to a clear sight range of 450

Alert-it Care Alarms are social aids designed and manufactured in accordance with 93/42/EEC as Class 1 Medical Devices. They are intended to improve, but not replace, the vigilance of carers to distressing side-effects of various diseases, such as Epilepsy and Dementia. They do not monitor vital physiological processes and should not be expected to diagnose any disease or predict the onset of any symptoms.