

arm

wire free solutions



nurse call

personal security

fire alarms

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introduction



Radio alarm systems have been serving both the public and private care sector for over a decade. The advances in battery technology, manufacturing processes and computing have enabled the radio call system industry to progress dramatically.

Since 1991 Alarm Radio Monitoring have been leading the field in the design and manufacturing of radio alarm systems. At the forefront of technology with innovative design and manufacturing Alarm Radio Monitoring has established itself as a major force in the radio call system sector

Utilising the latest manufacturing processes all the company's products are manufactured and tested to the highest standards ensuring continuity of production and product quality. Continual process assessment and component awareness ensures product development is maintained and the ability to react to market requirements is maximised.





radio technology

Traditionally the advantages of radio have mainly been utilised where it was impractical to run wires, in buildings with listed status or asbestos issues for example.

Today with the requirement for minimal disruption to occupants, ease of installation and the increased cost of alternate wired systems, a radio solution is as likely in a new building as in an old one. These include schools, hospitals, nursing and care homes, banks, prisons, manufacturing plants, job and leisure centres or GP surgeries to name but a few.

Our systems comply with all relevant UK, European and North American standards. The products are CE approved and the radio modules are also approved to the appropriate specifications for harmonised European radio frequencies as detailed by the ERC and CEPT.



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Radio Nurse Call 2000 has been developed over several years with both the client and user in mind. It enables staff to efficiently answer calls, making the management of resources more flexible and provides the functionality you would expect of any nurse call system.

Providing up to seven levels of call and fully descriptive text displays, the system is supervised to Class VI standards with regular transmissions between the individual units and the controllers, ensuring continuous monitoring of the systems functionality. The equipment is easily installed with radio communication between both the units and the system infrastructure. Unique factory set device identities allow for modular design and installation, with system programming achieved using a simple PS2 keyboard and the on-screen menus.

Once a caller operates a device, an LED on the unit will flash and a comfort tone is generated, this confirms to the caller that their alarm has been sent to the system and that staff have been alerted.





fully integrated systems

The full text display provides information detailing the identity of the call and its type on all the system displays. These displays can be zoned to provide information to given areas and have a separate and distinct day and night mode for user and client comfort. Each call is scrolled on the display with higher status calls taking priority.

The displays can be enhanced or replaced by utilising a fully integrated DECT telephony system or radio paging system. Through more detailed programming both the telephony and paging options can be zoned.

Providing specific call types or locations to individuals or groups ensures those who need to know receive information quickly and clearly. The display and telephony options can also be enhanced by the addition of a printer with a date and time stamped event log, or computer interface for permanent recording.

The system provides for a comprehensive range of call units incorporating all aspects of cover together with simple interface options that provide inputs for more unusual or unique requirements.



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personal attack



Personal Attack 2000 takes portable alarm and location systems into the 21st century, combining both the unique location and identification capability of infra-red (IR) alarms and the integrity and security of a fully supervised Class VI radio system.

The system consists of a number of fully monitored dual technology ceiling or wall mounted units designed to look like low profile fire alarm smoke detectors. These units contain both infra-red receivers for localised receipt of signals and a radio transmitter to communicate information back to the controllers over distance. All the system units are uniquely identifiable, supervised and fully text addressable.

The protected individuals have a small lightweight alarm activation unit which is available in a number of forms. This unique, fully traceable and supervised unit emits its identity to the ceiling or wall units every five seconds and in turn the information is passed back to the system. The controllers retain the location information on each of the registered users until a new location is detected for that user.





personal alarm and location systems

When a portable alarm is activated the system utilises both the memory location and the information provided by the ceiling unit in alarm. In this way the system is constantly updated with information about a person's identity and current location.

The full text display can be zoned to provide alarm information to given areas and have a separate day and night mode. Each call is scrolled on the display with the higher status calls taking priority.



The displays can be enhanced or replaced by utilising a fully integrated DECT telephony system or radio paging system. Through more detailed programming both the telephony and paging options can be zoned to provide specific calls or locations for individuals or groups. This ensures those who need to respond may do so quickly and effectively. The display and telephony options can also be enhanced by the addition of a printer with a date and time stamped event log, or computer interface for permanent recording. A dedicated relay expansion card can also be added to provide an interface to CCTV systems for camera or video activation.

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combined
personal attack
nursecall



As the radio backbone of this modular system is common to both the nurse call and personal attack systems its flexibility and ease of operation allows for the two systems to run in tandem or unison.

By simple deployment of portable alarm units and the installation of radio ceiling or wall units, a nurse call system can be reconfigured to be a combined nurse call and personal attack system. The same is of course true to redefine a personal attack system; the addition of nurse call units provides a combined system.

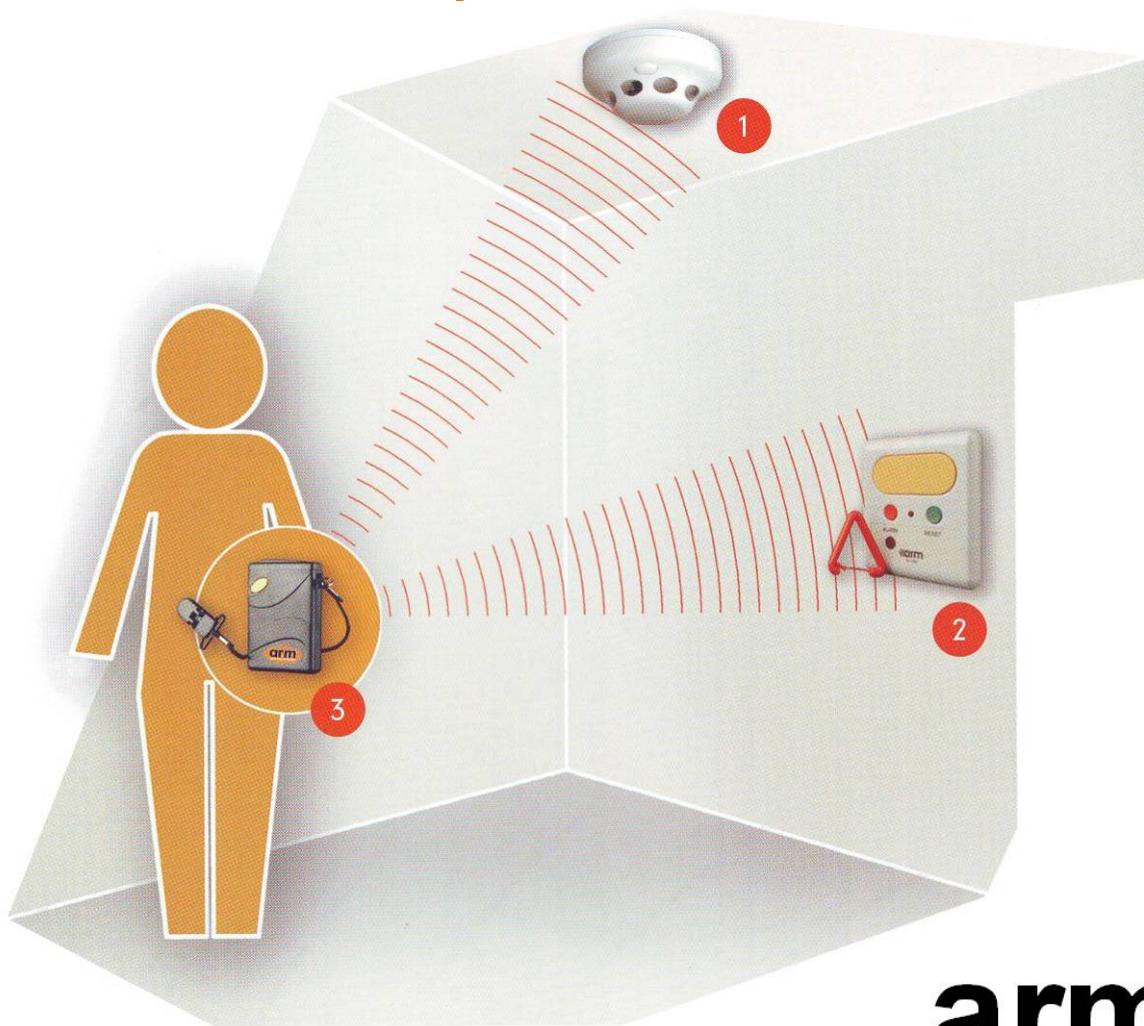


This combined system uses the full text display and infrastructure installed in a single nurse call or personal attack system. The optional additions of a fully integrated DECT telephony system or radio paging system together with physical printers and software interfaces provide this system with a high degree of flexibility.

- ① Ceiling location unit
- ② Radio pull cord unit
- ③ Personal attack unit



personal alarm and location systems



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fire alarm systems



Utilising the latest technology and advancements in radio communications together with traditional fire alarm technology, radio fire alarm systems are now as likely to be deployed as traditional wired systems.

Providing a complete range of system devices covering all aspects of fire detection and protection, the systems comply fully with BS5839 and EN54 and are CE marked and approved to the appropriate DTI specifications.



As a viable alternative to hardwired systems, radio fire systems provide the same ease of installation and lack of disruption that the nurse call and personal attack products provide. Modular expansion, the ability for simple relocation and modern battery technology, makes maintenance and ownership as cost effective as alternate systems.



fire detection and alarm


Like its complimenting nurse call and personal attack systems, the radio fire system comes complete with the ability to be integrated with both DECT telephony and radio paging systems.


System options and features:

- Zone and device isolation
- Test modes
- Class change facility
- 2 and 3 stage alarms
- Voice alarms
- Modem connections
- Programmable sounder circuits
- Programmable auxiliary relays
- Mains fail battery back-up
- Internal printer
- Battery backed event log
- Auxiliary programmed devices



Alarm Radio Monitoring Ltd.
Brunel Road
Leominster Enterprise Park
Leominster
HR6 0LX

 01568 610016

 01568 615511

 sales@arm.uk.com

 <http://www.arm.uk.com/>



Supplier:

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