



Personal Security 2000 takes portable alarm and location systems into the 21<sup>st</sup> century, combining both the unique location and identification capability of infra-red alarms and the integrity and security of a fully supervised 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 system 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 system retains the location information of each of the registered users until a new location is detected for that user. 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 and distinct 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 time and date stamped printer or computer interface for a permanent recording. A relay expansion card can also be added to provide an interface to CCTV systems for camera or video activation.

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## PRODUCT & TECHNICAL SPECIFICATION GUIDE



1. Personal security units
2. Infra-red key fob
3. External location unit
4. Waiter call unit
5. Flush mounted location unit
6. Ceiling location unit
7. Telephony and paging units

### Technical Specification:

- Fully supervised monitoring, conforming to BS6799 Class VI
- Factory set unit identity conforming to BS6799 Class VI
- System Frequencies 173.225MHz, 868.300MHz and 953MHz
- Effective radiated power: 10mW integral aerial, approved to MPT1344 (licence exempt)

### Control Panel:

System Size:	Up to 64 control panels and 3,000 sensors per system
Outputs:	RS232 port for paging system. Selectable DECT or paging protocols RS232 port for system printer RS232 port for computer interface 2 programmable fully monitored outputs 2 programmable fully auxiliary relays 2 programmable hardwired alarm inputs
Display:	2 x 20 character LCD with back light, giving plain English text messages
Event Log Storage:	2x 500 events maximum
Supply:	Mains: 240V 50Hz 75VA maximum or equivalents Battery: 12V internal re-chargeable giving up to 24 hours standby

In pursuance of a policy of continued improvement, the company reserves the right to change the design and specification without prior notice

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