



## Medical Alarms Personal Emergency Response System

This supervised personal emergency response system has been specifically designed for medical alert applications for the infirm and the elderly. In the event of a personal or medical emergency, the user presses a button on their emergency pendant, belt clip or wristwatch, or the main console, and ER-1 will call a central monitoring station over the public telephone

network.

When the emergency activation is sent to the monitoring station the console may be programmed to automatically answer the telephone and establish hands free telephone communication through the console. The console also provides visual and audible indications of the event.

The monitoring station can establish end user communications via the console in one of three modes, as selected by the central station operator. Communications can be hands free duplex, one way speak only or one way listen only. These communication modes are dynamic and are selected to ensure communications are clear and accurate.

After an emergency activation has been dealt with by the monitoring station, as specified by the user, this unit can automatically send up to three emails to care givers, family or medical practitioners.

This unit can be sited on a table top or mounted on a wall and can be programmed to accept up to 16 wireless transmitters. For the visually impaired, each button on the ER-1 is embossed with a universal symbol to identify the button's function.

A user activated medication reminder function beeps the console for up to thirty seconds, at a pre-determined time every 24 hour period. This function helps ensure important medication is taken at the correct time, each day.

ER-1 is mains powered, with a rechargeable backup battery that provides power for emergency activations up to 40 hours after a mains power failure. ER-1 connects to a standard telephone socket and auto detects loss of the telephone circuit.

ER-1 can be programmed locally, via a computer serial port, or remotely using a modem and a standard internet web browser. No special software is required as the programming software and graphical user interface are embedded in the microprocessor of ER-1 and displayed by the browser in web page format.

Complies with standard AS4607-1999



### Wristwatch / Pendant / Beltclip Transmitter

The personal emergency transmitter (PET) may be worn around the neck as a pendant, as a belt clip or as a wristwatch. The water-resistant personal emergency transmitter (PET) may be worn permanently, even in the shower. The PET confirms an alarm transmission to the console with a red indicator light and an audible beeper. The PET's extended transmission range means a high degree of confidence in the signal reaching the console, even when outside in the garden.

The PET is also continuously monitored by the console, alerting the user when the ultra long life battery is running low.

Two operating modes are available:

#### Non-supervised mode

In this mode the PET will send an alarm transmission when the emergency button is pressed and held for 1 second. PET also sends 'low battery' warning transmissions when the internal long life battery is approaching the end of its life.

#### Supervised mode

This mode is selected by the installer when a new PET is commissioned. PET sends an 'OK' transmission every 24 hours and also reports a 'low battery' condition as in non-supervised mode.

Battery life in this mode is reduced by approximately 30%.