

“SENTINEL” LOW COST WIRELESS CALL SYSTEM FOR SCHOOLS

PROTECTING STAFF & STUDENTS WITHIN EDUCATIONAL ENVIRONMENTS

RESPONDERS – ANYWHERE ON-SITE



OPTIONAL ANNUNCIATORS



A RANGE OF ‘AT RISK’ LOCATIONS



PLAYGROUND ALERTS



TOILET ALERTS



CLASSROOM ALERTS



SYSTEM OVERVIEW

This “Sentinel” call system allows both fixed or portable wireless call button to deliver a preprogrammed text message to one or more Alphanumeric Pagers and/or Annunciator displays.

Waterproof wireless Pendants and Call-Points will also allow wide ranging external applications to allow Staff to generate alerts from locations such as playgrounds, sports arenas, swimming pools and general communal areas.

Staff have the choice of carrying a wireless pendant or perhaps to have a fixed call-point suitably located within each classroom and other at-risk locations.

The typical wireless range for a Pendant or Call-Point exceeds 150M in free space. However, where longer range is required or perhaps the need to avoid range blocking brick walls or concrete floor structures it is possible to include low cost range extenders (Repeaters).

A major benefit of this system is its self installed ‘Plug-and-Play’ design concept. This means that all items can be pre-programmed to suit the specific requirement ensuring that everything will operate correctly without adjustment or special programming as delivered.

The “Sentinel” system uses the International POCSAG wireless Paging technology [as used within Hospitals and aged Care facilities]. The Pendants and Call-points are transmitting direct to the required displays. This means that there is no requirement for costly cable installation.

The inclusion of LED full colour Annunciator displays with their adjustable volume tone alerts does however, introduce the need for a minor level of cable installation.

Low battery reporting is provided however, it is possible to connect all fixed devices to a 12v dc supply either direct or individually via a 12v plug-pack.

The choice of call-points includes Low priority (Green Button), Staff Assist (Yellow Button) and Emergency (Red Button). The displayed text and accompanying tone cadence quickly draws attention to the status of the event along with precise location where fixed call-points are used.

The use of Repeaters will be deployed to resolve any wireless range or obstruction issues and these need nothing more than their 12v plug-pack connection to a 240v mains socket.

There is no practical limitation to the number of Pendants, Call-Points, Pagers Repeaters or Annunciators that may be included within this flexible and low cost wireless call system.