

Designed and manufactured by the leading provider of staff personal alarm systems in the UK, ACE incorporates tried and trusted Pinpoint® technology for the most reliable response.



VIOLENCE AT WORK - RELIABLE PROTECTION

The ACE Staff Personal Alarm System provides protection for staff at risk of violence at work. It is best suited to smaller installations which require 45 or fewer locations that need coverage. Reliable and very easy to use, the System employs trusted Pinpoint® infrared technology together with fully addressable component units. It is free from false alarms and highlights only genuine cases of need, maximizing staff response. Affordable and cost effective, total staff protection can be achieved without compromising safety.



ACE is affordable, capable and easily-installed by your local security systems provider or electrical contractor.

ACE

The ACE Staff Personal Alarm System offers you peace of mind in an increasingly impatient society where aggressive behaviour is becoming an everyday occurrence.

Personal Infrared Transmitter (Standard)

Of cylindrical design, the Personal Infrared Transmitter is 90mm long and 28mm in diameter. Worn on the belt or clipped to the clothing, it is activated by pulling the Transmitter from its retaining pin, instantly spreading upwards coded infrared signals towards the Infrared Receiver Unit, located in the ceiling. Because of its power, there is absolutely no need to point the Transmitter at the Receiver Unit. The Transmitter is available in four versions - Emergency; Patient Call; Emergency with Call Button Reset; Emergency with Reassurance Test/Reset - and a variety of colours.



Personal Infrared Transmitter (ID Badge-holder)

The ID Badge-holder Transmitter looks like a normal badge-holder but has all the electronics of a Personal Infrared Transmitter inside with emergency on the back. As your ID badge is often your access control fob, it provides a convenient multi-purpose device. It uses standard 3v button batteries and is available in three versions - Emergency; Patient Call; Emergency with Call Button Reset.



Infrared Receiver Unit

The ACE Addressable Infrared Receiver Unit has a dark, square, infrared-transparent fascia made from polycarbonate.

The all-over, infrared window and special supersensitive discriminating circuitry, ensure that the unit is triggered instantly by the coded infrared signal sent from a Personal Infrared Transmitter. On activation, it will transmit its "Address" via the data bus, to the ACE Display Unit(s).



Addressable Call Button

The ACE Addressable Call Button Unit is a nurse call unit with orange button, nurse symbol, reassurance LED and a magnetic reset switch. Made of ABS, it incorporates Biomaster® anti-microbial technology. Resetting is by presenting the appropriate Transmitter to the reset symbol area. There are options for the connection of a wander lead and for a push-button reset. An Emergency Call Button Unit is also available with a red, rather than the orange button.



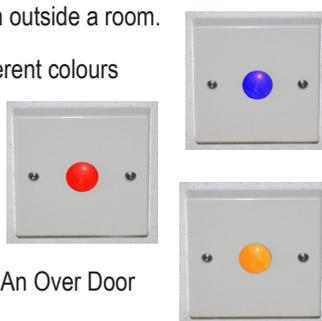
LCD Display Unit and System Monitor

The ACE LCD Display Unit fits into a double-gang back-box. When alarmed, the unit or units, display up to 32 backlit characters defining the precise location where an incident has taken place. The Display Unit has an integral 'insistent tone' sounder to alert staff and a connection to support 'adjustable tone' Sounders which can be positioned in any area you specify. The **System Monitor** is an optional unit which polls all units of the System and alerts you to potential problems or faults.



Over Door Light

The ACE Over Door Light provides indication of an alarm activation outside a room. It can be programmed to respond to different levels of call with different colours which can be customised using the hand-held programmer. Colours available are red, green, blue, yellow, orange, pink, cyan and magenta. It can also be programmed to respond to two different address ranges to create follow-my-leader configurations. An Over Door Light with an integral sounder is also available.



The System

The ACE System is installed using 8 core 7/0.2 screened cable and standard MK or similar back-boxes. Units are programmed with a hand-held programmer and are connected on up to three rings of cable to the Central Services Unit. The intelligence of the System is distributed to each individual unit where the onboard microprocessor controls the functions of the Unit. This system architecture is inherently much more reliable than one which uses a central 'controller' as it is not vulnerable to catastrophic, total, central processor failure.



ACE™

ALARMED? YOU SHOULD BE.

