



Fire Detection and Alarm Systems (FDAS)

There is no aspect more vital in any building or construction project than the installation, maintenance and if needed upgrading of a working Fire Detection and Alarm System.

At Custom Electronics Limited we provide a wide range of Fire Detection and Alarm Systems that will work effectively even in the most demanding environments once designed and installed properly.

That is why at Custom Electronics Limited we go to great lengths to ensure that any products we provide to our clients are best suited to their intended working environment and to ensure compliance with IS3218.

We currently supply an extensive range of Fire Detection and Alarm Systems including:

- Conventional & Addressable Fire Detection Systems all complying with EN54-2 and EN54-4 and/or EN54-13
- Specialist detection (flame detection, beam detection, linear heat detection, aspirating detection)
- Warning devices (bells, electronic sounders, beacons, talking sounders)
- Fire alarm accessories (SMART+Guard, call point covers with INTERCOM Sounders)
- Specialist detection products including water detection systems
- A complete range of smoke, heat and/or CO domestic alarms
- A wide range of Nurse Call Systems

Custom Electronics Limited currently offer a site survey to advise on the most appropriate equipment for your requirements, ensuring that you will be supplied with the correct products for your application and environmental conditions.

We are experienced at working with contractors to deliver on value and quality in supply & commissioning of Fire Detection and Alarm Systems.

Some of the other benefits of working with Custom Electronics Limited for your complete Fire Detection and Alarm System requirements include:

- Next day delivery on most items
- Free impartial advice on all products before you commit to a purchase
- Dedicated support services
- At Custom Electronics Limited we are committed to building a successful business relationship with our clients, that is why our experienced and highly trained staff will endeavour to find a cost-effective solution to your requirements.
- At Custom Electronics Limited we only supply the highest quality fire detection and alarm products. We are confident that the products and services that we offer will provide a first-rate service to our clients.
- We can manage every aspect of the supply chain, from sourcing, installation through to service & maintenance of the equipment installed.



Nurse Call Systems

The Nurse Call Systems that Custom Electronics Limited provide can be as basic or as sophisticated as your specific requirements entail.

We understand that no two Customers require the same technical requirements so Custom Electronics Limited adapt at tailoring systems to our clients' unique requirements.

Nurse call systems are used in a variety of facilities and clearly these will all have different requirements. Custom Electronics Limited has provided nurse call systems to:

- Private Hospitals
- Public Hospitals
- Residential Care Homes
- Psychiatric Hospitals
- Dementia Care Homes

As these are potentially lifesaving systems, great care must be made upon selecting the most appropriate system for the project that you are working on.

Most people will be familiar with the traditional nurse call bell system that is operated from a hospital bed.

However, there are now far more complex systems available such as:

- Wandering Alarm Systems
- Wireless alarms for medical staff
- Monitoring of Nurse Call Events

These motions activated alarm systems can for example be used to track the number of times a patient gets out of bed and at what times.

In addition, the systems can be configured to automatically switch the bathroom light on, if the sensor is activated during the night time. One of the primary reasons for Nurse Alarm Systems is that a patient can get immediate attention if they require it, however it also acts to reassure patients that assistance is always close at hand.

The integration of new technology into hospitals has greatly increased the way in which patients can communicate with medical professionals on a 24/7 basis.

Custom Electronics Limited are in a strong position to offer on-site and off-site support on all aspects of installation. When using Custom Electronics Limited to source any type of Nurse Call System that you require, you can be assured that the quality of the products provided will be of the highest industry standard and fully compliant with the latest safety regulations.

We also distribute and install a wide range of products including Staff Protection Systems, Disabled Refuge, Dispersed Living Alarms, Dementia Care, Epilepsy Monitors / Bed Exit. We can provide bespoke solutions for almost all situations.



Disabled Refuge System

Disabled Refuge Systems are also known as Emergency Voice Communication (EVC) Systems are placed in buildings to give those with reduced mobility a safe area where they can safely assemble and keep in touch with rescue workers.

Even in a non-emergency situation such as during a scheduled fire drill, those who are unable to exit a building via the stairs need to be kept informed of what is happening.

New building regulations mean that any commercial building has to have a disabled refuge system installed, regardless of the age of the actual structure all premises are now required to be fully compliant with the current building regulations.

We can provide disabled refuge systems that have:

- Multiple contact points from 1 master to up to 64 outstations
- Easy to use interfaces
- Hands free operation
- Internal and weatherproof (IP65) outstations
- Full duplex communications
- Disabled W.C. alarms
- Options for outstations, Outstations type A & B
- Exceeds the requirements of BS5839: Part 9
- Fire resistant cable for secure operation
- Unique address and text allocation for each outstation
- Battery back up
- Fully monitored

Custom Electronics Limited has a vast wealth of experience in installing and advising our clients on the most appropriate disabled refuge system for their specific project.

We need our clients to be satisfied that the system that we are providing fully meets with their requirements.

Some of the other benefits of sourcing your disabled refuge system from Custom Electronics Limited include:

- Comprehensive product range
- Technical support on all products
- Nationwide coverage and support
- Professional and efficient service

As the installation of disabled refuge systems is now a legal requirement of any commercial building, the need to source the correct product quickly and at a competitive price is vitally important to ensuring that your project does not experience any unnecessary delays.



Emergency Lighting Systems

Emergency and exit lighting systems are installed in buildings to ensure that the occupants can safely egress buildings in the event of a power cut or a fire condition.

These systems are crucially important to install in buildings to keep all those inside safe in any type of emergency and allow them to exit the structure safely and securely. The requirements for emergency lighting are detailed in IS32317.

At Custom Electronics Limited we have a diverse range of products in this area and can source the most sophisticated emergency and lighting systems currently available on the market.

Custom Electronics Limited can supply a wide range of emergency and exit lighting systems including:

- Addressable lighting systems
- Networked lighting systems
- Central battery systems
- Standard lighting systems
- L.E.D. low energy lighting

As all of our engineers are qualified electricians, we are in a very good position to advise our clients on the correct method of installation of all the emergency and lighting system products that we provide.

The products that we can offer can be low power consumption and can provide payback on your investment within a few years.

We can even provide systems that will test themselves and will automatically self-report any problems to a local control panel, via e-mail, SMS message and/or event log, which can be converted into a text file.

Custom Electronics Limited has a track record of working successfully with a wide range of clients to ensure that the right products are sourced at the right price.