

### Disability Discrimination Act

**There are over eight million disabled people and an increasingly elderly population in the UK.**

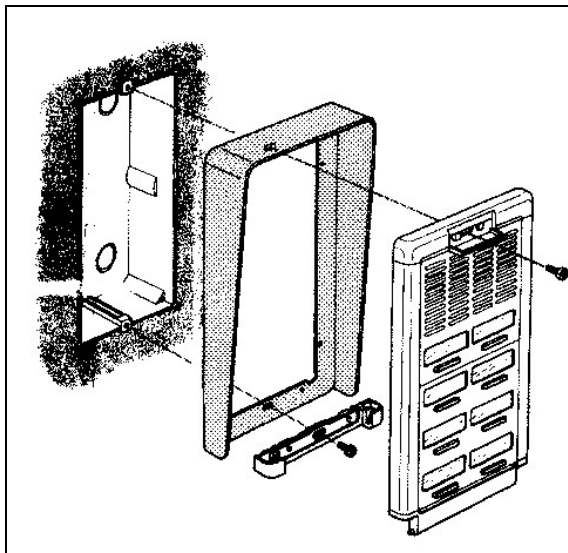
The definition of disability is broad: ‘a physical or mental impairment which has a substantial and long term adverse effect on the persons ability to carry out day to day activities’. For example: mobility, manual dexterity, physical coordination, continence, lifting, carrying or moving objects, speech, hearing or eyesight, memory, concentration, learning or understanding, or recognition of physical danger.



Every day disabled and elderly people need to use a wide range of goods, facilities and services, but every day these same people often face real problems in trying to gain access to those goods, facilities and services. Controlled entrances can prove an impossible barrier. A standard door entry system can be difficult to use for hearing or visually impaired people.

To assist service providers and others to meet their duties, under, ‘Part III of the Disability Discrimination Act 1995’, and to comply with the relevant sections of ‘The Building Regulations 2000 – Approved Document M - 2004 - Access to and use of buildings and British Standard 8300:2001 - Design of buildings and their approaches to meet the needs of disabled people’,

**CDI Services** are able to offer a range of Vandal Resistant Entry panels, Hands Free Access Control and Automatic Door Operators, all with secure and reliable design.



Panel mounting heights and position are, of course, a key issue when it comes to wheelchair users. To comply with BS8300: 2001 and Part M Building Regulations the door entry panel should be located on the latch side of the door with the activation pad positioned within 200mm of the door frame, (or aperture where there is a glazed façade), at a height of between 750mm and 1200mm from the finished floor level. There has been much debate as to whether two separate panels are required at different heights to cater for disabled and more able people.

8 Oak Road, Epping, Essex. CM16 5 DJ

Tel: 0845 838 2390 Fax: 0845 838 2391

Web: [www.cdiservices.co.uk](http://www.cdiservices.co.uk) Email: [sales@cdiservices.co.uk](mailto:sales@cdiservices.co.uk)

Providing bespoke solutions for the **C**ommercial, **D**omestic and **I**ndustrial market is our speciality.

So where do you start the design process? The very first port of call has to be in gaining a rounded understanding of the building usage, now and in the future. Consider, a building is only a component – the whole nature of the entrance and use of the building will need to be considered.

CDI Services are able to guide you and produce fully compliant systems, offering practical advice using our in house specialists. This, also where required, extends to the architectural ironmongery. For example, will a door handle prove difficult for a paraplegic or the existing door closer too heavy for wheelchair user to open the door? In this situation it may be more practical to use an automatic door operator with either a door entry and / or a proximity access control system.



The extensive range of powered door operators and active infer red sensors provide the opportunity to open and close even the heaviest doors hands non-manually. Apart from DDA requirements these are especially useful in Hospitals, Schools, Clean Manufacturing / Research area's, Store Rooms, etc.



Roller Blinds installed on the hinged side of the door protects against users, especially children, from trapping fingers in the door.



A full range of touch and microwave motion request to exit buttons, in various styles, complement door entry & Access Control systems.



An additional specification of the DDA requires consideration of fitting visual indicators for the hard of hearing. These units provide confirmation that the door has been released.



Electronic & Mortised locks complement any Access Control system proving high security and easy of use. All electronic locking systems include full battery back-up in the event of power failure, manual override by key or turn and fail-safe options for emergency exit doors, to automatically release in the event of emergency evacuation.

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