



## Neon Compact Digital Panel



### Why are customers choosing Neon door entry systems?

- The only system designed to allow the use of many existing handset types – upgrade existing systems cost effectively
- British design and manufacture – highly vandal resistant
- Designed to combat increasing security issues in today's housing stock
- Active, scrolling display, deters vandalism
- Easy integration with Proximity systems e.g. PAC, KMS etc – all panels have space for a panel mount reader
- Belt and braces design and build philosophy from designers with over 60 years collectively in the door entry market
- Many built-in unique features - see over for full details.

**Neon Secure Access Ltd.**

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**Door Entry As It Should Be**



# Neon Compact Digital Panel

## Standard Features & Options

- **Back illuminated keypad** – this is a true DDA layout and can be used by any partially sighted or blind user in conjunction with Neon’s unique “DDA Auto-Call” facility – see below for further details. The keypad is extremely robust and designed for external use in ATM machines, public telephones etc.
- **“DDA Auto-Call facility”** can be enabled on Digital panels. Partially sighted users do not need to press the “Call” button after dialling the number required – just like making a telephone call, after a short delay the dialled number will start ringing!
- The **active display** gives full call progress and other information for the user and engineer.
- The system can **use most types of tone-call handset on the market** – upgrading an existing system can often be achieved using the existing wiring and handsets – just replace panels and distribution units.
- Very **high quality audio** giving loud clear speech without feedback – the audio bandwidth is actively enhanced to give clarity for users with poor hearing.
- System is **fully line isolated** – any fault or vandalism of a handset or wiring will not affect any other part of the system.
- Large clear bright **blue display module** – extremely legible for all and especially for partially sighted users
- Unique built in **“Soft Close”** technology for mag-lock installations – no more noisy, banging entrance doors to disturb residents.
- Active **scrolling display** when the system is idle that deters vandalism.
- **No add-on boards required** – the system comprises 2 circuit boards with no central equipment. Digital and functional systems use the same boards – all features are built-in and can be easily set up using the free software supplied with the system. This means minimal spares required to service/repair any system.
- Up to **255 door panels** on a system – there is no technical limit – mix all types of digital and functional panels as required.
- Up to **2040 flats** on a system with up to **10 handsets per flat**.
- **Coded access** facility – up to 6 coded access numbers can be programmed. 3 codes for 24 hour access and 3 codes to operate during trades time periods.
- **Direct trades access** – if no trades codes are programmed just pressing the trades button will open the door, at times set by the trades time clock.
- **Automatic GMT/BST** time clock changes – no need to send an engineer to site and adjust time clocks twice a year.
- **Anti-tailgate** feature can be enabled in software to cut short lock release time as soon as the door is physically opened.
- **Wiring faults etc are reported to the engineer** via the door panel making service and commissioning very easy – even identifies which wire within the interconnect cable has a fault condition.
- Simple connection of add on items in a flat such as **flashing beacons, extra sounders, multiple handsets** – no interfaces needed, connect straight to system.
- **3 year warranty** – all Neon OEM products benefit from a unique 3 year warranty.
- Neon Door Entry Systems are fully compatible with a **RING Interface**. Which means you now have the ability to answer your home door entry system wherever you are with your mobile phone.
- Optional **Call Divert** facility – in certain applications, it is useful to be able to divert calls to a communal area, sheltered housing schemes for example. This means a resident can go to the communal lounge and still receive their visitor calls. Calls are diverted to a phone in the communal lounge and a large text display shows which resident the call is for.
- Optional **Video Handset** – the Neon system distribution units can be supplied with built-in video drive facility enabling high quality colour video telephones to be utilised via standard telephone type cabling.

*Neon Secure Access Ltd design, manufacture and supply high quality door entry systems. Neon do not install but provide full manufacturers back-up to installation companies and, if required, can offer commissioning services.*

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