



Neon Functional Panel (for up to 12 flats)



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
- Optional 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 Functional Panel

Standard Features & Options

- **High quality** 20mm stainless steel buttons are used and feature a replaceable micro-switch insert. Each button is grouped with its associated address number by a DDA yellow ring ensuring the correct button is always pressed.
- **Functional panels** with up to 12 buttons in any configuration, including trades button.
- The **active display** (optional, but recommended, on functional panels) 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.
- Optional 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.
- Optional 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**.
- Direct **trades access** – if trades button is required just pressing it 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 (when optional display is fitted) 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 utilized 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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