The Axis EN series is fully expandable from 2 to 8 loops and supplied with 8 on-board sounder circuits, 20 programmable Zonal LEDs with slide-in labels, and 25 System LEDs for information purposes. There are also 8 programmable function buttons with LED indication for confirmation of operation.

The control panel consists of the latest dual flash-based microprocessor technology combined with a high resolution, high contrast, graphical LCD display and tactile keypad providing a simple select & click programming aid for engineer configuration and end-user operation.

Powerful cause-and-effect programming coupled with dynamic zoning, and enhanced Trace Diagnostics makes the panel suitable for a wide range of site applications from small to large complex multi-area systems. Fully programmable onsite via the on-board alphanumeric keypad, or PC-NeT configuration software. An extensive suite of user-friendly Windows based PC software programs has been developed to enhance your experience when using Axis EN series fire panels. The suite incorporates a number of different programmes to include a configuration, service, logo and virtual panel tool to allow the flexibility of the equipment to be fully explored.

Simply adding a network card allows the panel to communicate with any other Axis EN fire panel, remote terminal, or network peripheral, such as, ipGateway™ or BMS/graphical interface. The network operates as a true peer-to-peer system and can be configured in a fault tolerant loop or radial format.

Features

- Fully expandable from 2 - 8 loops via plug-in loop driver boards.
- 20 programmable Zonal / 25 System LEDs with slide-in labels.
- Advanced graphical LCD user interface and support for up to 200 fire zones by default allowing full EN54 compliance without additional hardware.
- Dual flash-based microprocessor technology with real-time clock on-board.
- Dedicated USB & RS232 serial port for direct PC or modem connection.
- Installer friendly Auto-learn, Loop Detection and On-board Scope facility for ease of commissioning and fault finding.
- Fully programmable via the on-board alphanumeric keypad, or PC configuration tools.
- The graphical display can be configured to operate with virtually any language or character set, and allow the installer's logo to be applied using the Logo application software.
- Robust removable equipment chassis with plug-in connectors for simple fixing and cable termination.
- 2 x 5 Amp power supply and charger to En54 part 4.
- Integral P-Bus for system expansion via available option cards.
- Ad-NeT peer-to-peer network with up to 2000 zones.
### Key Features

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### Base Technology
- Dual flash-based processors with real-time clock, trace diagnostics, programmable languages and character sets

### Display
- White backlit 240 x 64 graphical LCD

### LED Indicators
- 22 red (1 x Fire, 1 x More Alarms, 20 x Zonal Programmable), 1 green (Power), 13 amber and 7 bi-colour (Fault & System)

### Controls
- Alpha numeric keypad permitting Navigation, Reset, Mute, Silence, Resound, Evacuate, and 4 x Programmable Push Buttons (Actual 2)

### Number of Fire Zones
- 2000 when networked (400 max across 8 loops)

### Number of loops
- Dedicated 2-8 control panel

### Devices per loop
- Up to 240

### Loop Current
- 500mA max per loop

### On-Board Sounder Circuits
- 8 x 1 Amp programmable

### On-Board Relays
- 4 x 1 Amp 30V AC/DC programmable (10mA, 5V min) - expandable to 8 using 2 x Mxp-507

### Auxiliary Supply
- 2 x 24V 500mA 2

### Programmable Input
- 2 x On-board Programmable Input

### Programmable Key Switch Inputs
- 16 volt free digital inputs

### Total Available Output Current
- 2 x 5A maximum available for loop current + sounder outputs + auxiliary supply

### Mains Supply
- 200 - 240V 47-63 Hz AC (+10%, -15% tolerance) 1.4A max

### Battery Capacity
- 2 x 24V 4Ah internal (min), 2 x 24V, 18Ah internal (max), or 1 x 24V 45Ah internal (max) and 1 x 24V 45Ah external (max) using optional battery enclosure

### Charger Current
- 2 x 2.0A temperature compensated

### Serial Ports
- 2 x on-board RS232 connection for PC, modem, IP or portable printer

### USB Interface
- 2 x USB B type connection for PC communication

### Programming
- On-board keypad or PC running Windows tools

### Event Log
- 2 x 5000 Event & Diagnostic + 500 Fire

### Printer (Optional)
- On-board

### Enclosure / Colour
- Steel IP30 / RAL7035

### Cable Entry (20mm knockouts)
- 30 x top, 6 x rear, 3 x bottom plus 2 x double knockout rear

### Size H x W x D mm
- 750 x 450 x 190

### Metalwork Options
- Flushing bezel, battery box, utility enclosure, termination enclosure and rack mount

### Order Codes and Options

**Mx-580xV:**
- Multi Loop Panel in Standard Enclosure with standard network cards fitted
- x: Add loop driver quantity 2 - 8
- /FT: Add Fault-tolerant network cards