

Mx-4400 Fire Panel

Analogue Addressable Fire Control Panel



Features at a glance

- Fully Expandable from 1 to 4 Loops
- EN54 Parts 2 & 4 'Approved'
- Apollo/Hochiki Protocol
- 3 Year Warranty as standard
- Global Compliance
- Multiple Languages
- Fully Networkable

Advanced Fire Panel Technology

The Mx-4400 series is fully expandable from 1 to 4 loops complete with 4 on-board sounder circuits. The control panel consists of a simple to use LCD menu driven graphical interface, dual, flashbased microprocessor technology driven by a 4 Amp power supply and charger approved to EN54 parts 2 & 4. Dedicated system navigation keys makes learning this control panel user friendly as well as installer friendly due to the uncomplicated, trouble free, commissioning and fault finding.

Powerful Cause and Effect programming coupled with 'Dynamix' zoning makes the panel suitable for a wide range of site applications, from small to large complex multi area systems. Fully on site programmable via on board alphanumeric keypad or PC -Net Configuration tools.

PC Software

An extensive suite of PC based, software programs have been developed to supplement the Mx-4000 series Fire panels. User-friendly Windows based 'PC-Net' configuration software includes a virtual panel allowing for remote diagnostics via a low cost modem connection, saving time and expense for any travelling or maintenance.

Key Features:

- Fully expandable from 1 to 4 loops via common plug in loop driver boards.
- Full support of Apollo (Discovery, Xplorer S90 & XP95) and Hochiki ESP protocols.
- Advanced graphical LCD user interface with up to 1000 fire zones as standard, allowing full EN54 compliance without additional hardware or LED indication.
- 4 Amp power supply and charger to EN54 part 4.
- Dedicated RS232 serial port for direct PC or modem connection.
- Dual, flash based, microprocessor technology with on-board Real Time Clock.
Optional on-board or remote printer.
- Installer friendly 'Auto-learn' and 'Loop Detection' facility for trouble-free, commissioning. Fully on-site programmable via on-board alphanumeric keypad or PC configuration tools.
- Flash memory and the advanced graphical display enables the panels to be configured to operate in virtually any language with any character set and allows the installer's logo and company details to be applied to the LCD display.
Robust, removable equipment chassis with plug-in connectors for simple fixing and cable termination
- When connected to the fault tolerant Ad-NeT network, the panel operates as a true peer-to-peer interface (with up to 1000 shared zones) with full cross panel reporting, control and cause and effect functionality.



Sales Order Parts:

Mx-4400: 0 to 4 Loop Analogue Addressable (0 Loop Cards)
 Mx-4401: Mx-4400 c/w 1 Loop Card Fitted & Tested
 Mx-4402: Mx-4400 c/w 2 Loop Cards Fitted & Tested
 Mx-4403: Mx-4400 c/w 3 Loop Cards Fitted & Tested
 Mx-4404: Mx-4400 c/w 4 Loop Cards Fitted & Tested
 Mx-440*/D: Mx-4400 c/w * Loop Cards Fitted & Tested
 with Deeper Enclosure for 2 x 28Ahr Batterys

Options:

Mxp-002: Loop Driver for Mx-4200/4400
 Mxp-003: Standard Network Card
 Mxp-009: Fault Tolerant network Card
 Mxp-012: On-Board Printer
 Mxm-007: Glass Door Kit
 Mxp-025F: 20 Zone LED Card Fitted
 Mxp-013-050/100F: 50/100 Zone LED Card Fitted

| Mx-4400 | Specification Details |
|--------------------------------|--|
| Base Technology | Dual Flash based Processors with Real Time Clock, 'Trace' diagnostics, 'PuLsE' communications & programmable languages |
| Display | Backlit 240x64 Graphical LCD |
| LED Indicators | 3 Red (2 x Fire, 1 x Alarm), 1 Green (Power) & 12 Amber (Fault & System) |
| Controls | Alpha Numeric Keypad, Navigation Keys & System Keys for Reset, Mute, Silence/Resound & Evacuate |
| Protocols | Hochiki ESP, Apollo XP95 and Discovery |
| Number of Fire Zones | 1000 'Dynamix' |
| Number of Loops | 1 – 4. Expandable via individual plug-in loop driver |
| Devices per loop | As per Detector Manufacturer's Specifications |
| Loop Current | 500mA |
| On Board Sounder circuits | 4 x 1 Amp Programmable |
| On Board Relays | 2 x 1 Amp 30v AC/DC Programmable |
| Auxiliary Supply | 1 x 24v 300mA Switchable |
| Open Collector / Logic Outputs | 8 x Programmable |
| Programmable Switch Inputs | 8 Volt Free Digital Inputs |
| On Board Power Supply | 5 Amp High Efficiency Switched Mode |
| Mains Supply | 110 - 230 V AC (+10%, -15% tolerance) 50 / 60 Hz 1.7 Amp |
| Battery Capacity | 24v 18 Ah internal. 24v 48Ah external |
| Charger Current | 2.2 Amp DDP monitored, temperature compensated integral charger |
| Serial ports | 1 RS232 Onboard for PC, Modem or External Printer |
| Programming | Via on-board Keypad or PC running Windows Tools |
| Event Log | 1000 Fire & Event + Diagnostic |
| Networking | Optional plug in Network card |
| Printer (Option) | Optional on-board or External Serial Printer |
| Enclosure / Colour | Steel IP40 / Beige (textured) |
| Cable Entry | 20mm Knock-outs. 18 x top, 9 x top rear and 2 x bottom |
| Size H x W x D mm / Weight | 475 x 450 x 115 / 10.5Kg |
| Metalwork Options | Flushing Bezel, Ancillary Enclosure & Battery Box |
| Approvals | BS EN54-2:1998, BS EN 54-4:1998 |

