

## MX1-Au Fire Alarm System Australia

The VIGILANT MX1 is an innovative, networkable, multi-loop analogue addressable fire indicator panel incorporating the latest technology and complying with the ISO-based AS 7240.2-2004 standard and including an integrated Fire Brigade Panel to AS 4428.3-2010.

Its support for Tyco *MX TECHNOLOGY*, fuzzy-logic detection algorithms and powerful control functions make it suitable for a wide range of fire detection applications including those in hazardous areas.

*MX1* supports the comprehensive range of *MX* multi-sensor virtual detectors and a range of functional bases, analogue addressable callpoints, input and output modules. Smoke/CO and temperature readings from the multi-sensor detectors can be combined in various ways to achieve optimum detection and nuisance alarm rejection for each location.



### Features

- // Up to 250 *MX* devices per addressable loop minimises wiring and installation costs
- // Up to 7 optional Loop Cards expands capacity to 2000 *MX* devices
- // Networkable using IP fibre/copper Network or I-HUB ring with up to 250 panels
- // Integrated Fire Brigade Panel (AS 4428.3-2010) for ease of fire-fighter operation
- // Four-line LCD control panel with menus and soft keys
- // Multi-sensor virtual detectors allow fire detection to be fine-tuned for optimum results
- // Wide detector compatibility providing detection for a range of applications
- // A wide range of addressable input/output modules and short circuit isolators provides extensive detection and control flexibility
- // Supports IR remote communications and isolator per detector with 850 Series *MX* detectors
- // Powerful output logic functions and timers for programmable output control
- // A comprehensive range of intrinsically safe detectors and modules covers most hazardous area fire detection applications
- // Networking provides interface to Remote Displays, XLG-C/S Colour Graphics, Modbus, QE90 EWIS

- // Field-proven fire detection algorithms provide sensitive analogue addressable detection with nuisance alarm rejection
- // Comprehensive test facilities, including automatic self tests, simplifies maintenance and reduces system down time
- // Supports one Remote Fire Brigade Panel (RFBP) for fire brigade or engineer use
- // Optional AS 1668 air-handling control/indication modules - up to 126, networkable
- // Optional zone LEDs for up to 192 zones of the 999 possible zones
- // Alarm Investigation Facility (AIF) function to AS 4428.10 built-in
- // Alarm Acknowledgement Facility (AAF) to AS 7240.2 Annex ZB built-in
- // LCD display of *MX* device presence on loops - for fault/break analysis
- // Sub-points indicate status of individual elements of multi-sensor detectors
- // Up to nine separate user passwords with three access levels for security against unauthorised operation or changes to configuration
- // Temporary Access Password for recovery from lost passwords
- // Automated addressing of service replacement detectors; no special tools
- // Automatic configuration of network modules for straight-forward situations
- // Dual databases for reduced down-time and increased reliability
- // "Profiles" which simplify programming
- // Non-volatile internal history of up to 900 events – vital for “after the event” diagnostics
- // High capacity 5A power supply accommodates large area occupant warning and ancillary facilities without additional power supplies
- // RZDU port interfaces up to 8 remote displays and HLI to QE90, IO-NET, BMS, etc.
- // Tandem Mode for cost effective remote fault diagnostics and control
- // Compliant with AS 7240.2-2004, AS 7240.4-2004, AS 4428.3-2010, and assessed to the functional requirements of AS 4428.10-1998 and AS 4428.7-1999
- // ActivFire Listing Number afp-2320

// Part Numbers:

FP0927	<i>MX1</i> -Au 15U panel with 3U Centaur ASE Bracket
FP0928	<i>MX1</i> -Au 15U panel with 3U Cube/WA ASE Bracket
FP0948	<i>MX1</i> -Au 15U panel with 3U blank
FP0950	Additional <i>MX</i> Loop Kit
FP1002	16 Zone LED Display
ME0457	4U LED display door (holds 5 x FP1002)
FP1056	3U 12 x AS 1668 Control Door (c/w 2 controls)
FP1057	2 x AS 1668 Controls expansion