



MINERVA[®] MX

MX2 Fire Detection Control Panels

Features:

- EN54 Compliant MXDigital system
- Integral power supply
- Optional integral eighty way zonal LED's
- One to four loops or network up to 396 loops
- 250 addresses per loop
- Full range of MX virtual multi-sensor detectors
- MX FASTLOGIC fuzzy logic smoke detection algorithms
- Fully functional repeater
- Powerful MXConsys & MXConsys Express configuration software
- Easy to install
- Space for 17Ah or 38Ah batteries

MX2 Fire Detection Control Panels

MINERVA[®] MX2 is one of a new generation of digital addressable fire alarm controllers that is based on MX Technology[®]. It brings a host of system options and benefits to both installer and end user. It uses state-of-the-art multi-sensor virtual detection to expertly protect personnel and property through varying occupancy conditions.

One or two loops are provided as standard with each loop supporting up to 250 devices. Two loop panels can be expanded to four loops by adding a plug-in XLM800 loop expansion card which increases the number of devices supported to 1000. Further expansion of the system is achieved by networking panels via a plug-in TLI800 MXNet network card. A networked system can support a maximum of 396 loops and 99,000 detectors.

All MX2 controllers share a common fully featured user interface allowing multiple access levels and providing complete system wide control. User interfaces that are spread over a networked system will operate seamlessly and function together as a single integrated unit. The fully functional repeater also provides a seamless user interface to the entire system and can be sited up to 1200m from a controller.

Architecturally matching expansion boxes simplify the addition of what would normally be termed customised features. The expansion boxes can accommodate up to two add-on modules including the ANN840 a 40 way bi-colour LED display, ANN880 80 way LED display, COM820 20 way command button LED display or the PRN800 in-built thermal printer.

SPECIFICATIONS

Mechanical

Dimensions (mm):	H	W	D
Panel/Repeater Shallow Housing	580	458	129
Panel Deep Housing	580	458	209
Expansion Box Shallow	357	458	129
Expansion Box Deep	357	458	209
Approx Weight:			
Panel/Repeater	12.7Kg Shallow	15.2Kg Deep	
Expansion Box	6.2Kg Shallow	7.5Kg Deep	

Colour

Housings:	Dawn Grey (BS 4800 10A – 03)
Control Facia:	Pantone Grey 431C

Environmental

Operating temperature:	-8°C to +55°C
Storage Temperature:	-20°C to +70°C
Relative Humidity:	90% RH continuous (non-condensing)
EMC/RFI:	EN50130-4, EN50081-1

Electrical

Supply Voltage:	110 - 240 Vrms
Input Current:	0,8 – 1,6 Amp
Max Charge current :	3.8A (dependant on standby current)

Ordering Information

Stockcode	Description
557.200.200	MX2-100 One loop shallow housing
557.200.201	MX2-200 Two loop shallow housing
557.200.202	MX2-110 One loop c/w LEDs shallow housing
557.200.203	MX2-210 Two loop c/w LEDs shallow housing
557.200.204	MX2-201 Two loop deep housing
557.200.205	MX2-211 Two loop c/w LEDs deep housing
557.200.206	MX2-R Repeater c/w LEDs and addressable PSU shallow housing
557.200.207	MX2-XB0 Expansion Box Shallow
557.200.208	MX2-XB1 Expansion Box Deep
557.200.209	MX2-FB Panel/repeater flush mounting bezel
557.200.210	MX2-FBX Expansion box flush mounting bezel
557.202.007	XLM800 Loop expansion module
557.202.026	TLI800 MXNet network node interface module
557.202.021	ANN840 LED Annunciator 40 way bi-colour
557.202.022	ANN880 LED Annunciator 80 way
557.202.020	COM820 Status command module 20 way
557.202.024	PRN800 In-built thermal printer (expansion box)
557.201.209	MX2 Dual power supply kit
557.201.211	Ancillary/expansion board mounting kit