

1-8 Loop Panel

Features:

- Fully expandable from 1 to 8 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.
- 2 x Separate 5 Amp power supply and charger to EN54 part 4. (1x Power Supply Unit per 4-Loop chassis).
- 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 uncomplicated, trouble-free, commissioning and fault finding.
- Fully on-site programmable via on-board alphanumeric keypad or PC configuration tools.
- Dedicated system and navigation keys for simple user control.
- Powerful cause and effect programming coupled with the flexible *Dynamixx* zoning makes the panel suitable for a wide range of site applications including the most complex multi area systems.



- User-friendly Windows based *PC-Net* configuration software includes virtual panel for remote diagnostics functionality via a low cost modem connection.
- Programmable variable sensitivity (Day/Night) modes with multiple 7-day timers.
- Robust, removable equipment chassis with plug-in connectors for simple fixing and cable termination
- The panel supports (protocol dependant) automatic Contamination warning, Sensitivity Band selection and Rapid Drift Compensation.
- 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.
- 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.
- The powerful *Trace* diagnostics feature enables highly accurate device monitoring with event tracing and load monitoring of all loop, sounder and auxiliary outputs
- Optional LED expander boards and enclosure options for bespoke applications.

Sales Order Parts:	Options:	
Mx-4800: 0 to 8 Loop panel (No Loop Cards fitted)	Mxp-002: Loop Driver	Mxp-008 8-way Relay card
Mx-4802: Mx-4800 c/w 2 Loop Card Fitted & Tested	Mxp-012: On-Board Printer	Mxp-014: 8-way Input card
Mx-4803: Mx-4800 c/w 3 Loop Card Fitted & Tested	Mxp-025F: 20 Zone LED Card	Mxp-028: Internal Modem card
Mx-4804: Mx-4800 c/w 4 Loop Card Fitted & Tested	Mxp-013-100F: 100 Zone LED Card	Mxp-027-100F: Advanced Mimic Unit
Mx-4805: Mx-4800 c/w 5 Loop Card Fitted & Tested	Mxp-013-050F: 50 Zone LED Card	Mxp-029F: Shop Interface Unit
Mx-4806: Mx-4800 c/w 6 Loop Card Fitted & Tested	Mxp-011: Access enable key switch	Mxm-032: Semi-Flushing bezel
Mx-4807: Mx-4800 c/w 7 Loop Card Fitted & Tested	Mxp-003: Standard Network card	
Mx-4808: Mx-4800 c/w 8 Loop Card Fitted & Tested	Mxp-009: Fault Tolerant Network card	

Mx-4800	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, S90, Xplorer and Discovery
Number of Fire Zones	1000 'Dynamix'
Number of Loops	1 – 8. Expandable via individual plug-in loop driver
Devices per loop	As per Detector Manufacturer's Specifications
Loop Current	500mA
On Board Sounder circuits	8 x 1 Amp Programmable
On Board Relays	4 x 1 Amp 30v AC/DC Programmable
Auxiliary Supply	2 x 24v 300mA (500mA from S/W V019)
Open Collector / Logic Outputs	16 x Programmable (via optional 8-way relay cards)
Programmable Switch Inputs	16 x Volt Free Digital Inputs (via optional 8-way input cards)
On Board Power Supply	2 x 5 Amp High Efficiency Switched Mode
Mains Supply	220 - 240 V (+10%, -15% tolerance) 50/60Hz AC 2 Amp maximum
Battery Capacity	2 sets of 24v 4 Ah internal Minimum. 24v 38Ah Maximum
Charger Current	2 x 2.4 Amp DDP monitored, temperature compensated integral charger
Serial ports	2 x 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 IP30 / Beige (textured)
Cable Entry	20mm Knock-outs. 36 x top, 9 x top rear and 2 x bottom
Size H x W x D mm	Enclosure: 950 x 450 x 190 Back Box only (When recessing): 950 x 450 x 173
Weight	23Kg
Metalwork Options	Semi Flushing Bezel
Standards	BS EN54-2:1998, BS EN 54-4:1998
As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice	