

# MxPro<sup>4</sup>

## Key Switch Control - obsolete

The MxPro 4 control panel range supports direct installation of 1 key switch. If additional switches are required, then an additional key switch input card must be fitted (Mxp-015(F)\*)

### Applications

The MxPro 4 1 loop permits 1 key-switch to be fitted, but the MxPro 4 2 & 4 loop control panels allow a maximum of 8.

### Features

- Enable/disable controls
- Group isolate to disable I/O across network
- For use to start/enable a class change
- Trapped and un-trapped key switches available
- Control of multi-sensor/device sensitivity mode change
- Simple to install and configure

### Order Codes and Options

|              |                          |
|--------------|--------------------------|
| Mxp-011(F)*: | Access Enable Key Switch |
| (F)*:        | Add - Fitted             |

### Compatibility

Can be used with all MxPro 4 series control panels.

### Limitations

If an on-board printer is fitted to the MxPro 4 2 & 4 loop control panels then the maximum number of switches fitted is limited to 4. If the MxPro 4 3 position switch is fitted, then two programmable inputs must be available per switch.

The Advanced Mimic Controller provides a convenient and cost effective solution to any system that requires supplementary graphical indication of the installation via LED technology.

These units, unlike a panel, mounted LED array, which to be meaningful must also have a printed lookup table or picture adjacent to the panel, provide an unambiguous graphical representation of the actual zones in fire.

The unit can be mounted either internally in a MxPro 4 multi-loop control panel, or alternatively, in a bespoke remote enclosure. Each unit comprises a graphical representation of the installation together with a programmable mimic driver card and LED indicators. The mimic diagram is copied from a standard CAD drawing provided by the client and the finished unit is supplied pre-wired and ready to power-up.

#### Applications / Limitations

The 100 Way Network Mimic Controller is a stand-alone unit with/without its own EN54-4 power supply and charger. Each output on the card is fully programmable using a PC programming suite.

#### Features

- 100 programmable LED driver outputs for energising and providing LED indication
- Expandable to 200 by installation of an expansion card
- Supports the connectivity of 10 Way Relay Output Card
- Large full-colour graphical indication for site maps, building layouts or simply zonal indication.
- Can be located remotely by simply adding the type of mimic interface onto the Ad-Net/Ad-Net+ Network
- Supplementary graphical indication
- Zonal or fully programmable LED option
- Fully networkable
- Full-colour mimic option
- 3-year warranty as standard

#### Specification

|                            |                                                                             |
|----------------------------|-----------------------------------------------------------------------------|
| AC Supply (Boxed Versions) | 220-240V AC (+10-15%) 50-60Hz 1.6A. Support for up to 2 x 12V 7Ah batteries |
| DC Supply (PCB) @ 24V DC   | 18-28V DC 63mA (/FT 101mA) + 0.8mA per LED energised                        |
| Output Drive Circuit       | 3.3V 4mA current limited (for direct LED connection)                        |

#### Order Codes and Options

|                    |                                                    |
|--------------------|----------------------------------------------------|
| Mxp-020 (/FT):     | 100 Way Network Output Controller (Unboxed)        |
| Mxp-020-Bx2 (/FT): | 100 Way Network Output Controller (type 2) c/w PSU |
| Mxp-027(F):        | 100 Way Expansion Card (Fitted)                    |
| Mxp-052(F):        | 10 Way Relay Card (Fitted)                         |
| Mxp-026(F):        | High Intensity LED (Fitted)                        |
| /FT:               | Denotes fault tolerant version                     |

#### Compatibility

The Advanced Mimic Controller is compatible with all MxPro 4 control panels from software revision 019-04 using the Ad-Net peer-to-peer or standard network platform. The Advanced Mimic Controller is programmable using the Pc-Net-03 Mx configuration tool revision 4.19 onwards.