

# MX380

## Conventional Fire Alarm Control Panels

The Matrix 380's advanced microprocessor design has minimal components for higher efficiency and lower power consumption, requiring smaller standby battery sizes.

All these add up to significant cost savings in cabinet costs and improved reliability. An additional benefit is significantly smaller space that needs to be allocated for fire alarm control panel installation.

## Unmatched Flexibility and Features

The MX380 is Pyrogard's 5th generation control panel based on proven designs, incorporating the latest technology. Each panel comes with the following features as standard:

- Colour coded switches for easy identification
- Individual Zone selectable Alarm Verification Feature (AVF)
- Status Monitoring for Auxiliary Equipment (Pumps, Water Tank Level, etc)
- Lightning surge protection
- Fire Alarm Routing (DECAM) circuit monitoring
- 2 x 24VDC Bell / Sounder
- 2 x NO/NC Dry Contact Relay Outputs
- High Efficiency UL listed Power Supply generates less heat and wear for trouble free operation.
  - Optional LED Driver Module for Mimic & Repeater Panels
  - Optional Zone Selectable Bell and Relay Output M

### APPROVAL



## Features

- **Cost Effective**
- **Compact Dimensions**
- **Tested & Approved to British Standards BS EN**
- **BS EN 54-2/A1:2006**
- **BS EN 54-4/A2:2006**
- **Approved to Singapore Standards CP10 :2005**
- **Compatible with both UL and EN54**

## Key Features

- Cost Effective
- Compact Dimensions
- Compatible with both UL and EN54 Devices
- Approved to Singapore Standards CP 10 : 2005
- Tested & Approved to British Standards BS EN 54 parts 2 & 4

## Specification

Capacity :	1 Zone to 84 Zones
Main Indication :	Fire, Common Fault, Supervisory Signal, Isolation, Access Level 2, Power On, System Fault
Trouble Indication :	AC Mains Fault, Sounder Line Fault, Earth Fault, Charger Fault, Battery Fault, AVF Retard, AVF Confirmed, Fire Signal Send, "Fire Signal" Line Fault, "Fault Signal" Line Fault
Internal LED Indication :	Bell 1 & 2 activated, Common Fire Indication, System trouble, Auxiliary Contact activated
Operational Temp Range :	-5°C to +45°C
Operating Environment :	Max. 95% RH Non-condensing

### **POWER SUPPLY**

DC Input : 27VDC

### **SYSTEM OUTPUT**

Bell Output : Max 1A (2 bell output, 4 zone panel only)  
2 x 1A

Auxiliary Output : 2 x 24 VDC

Voltage Supply Or Dry Contact: 2 x 3 A @ 240VAC

### **SYSTEM CURRENT REQUIREMENTS (Typical)**

4 Zone :	88mA
12 Zone :	131mA
20 Zone :	174mA
36 Zone :	260mA
54 Zone :	346 mA
84 Zone :	520mA

