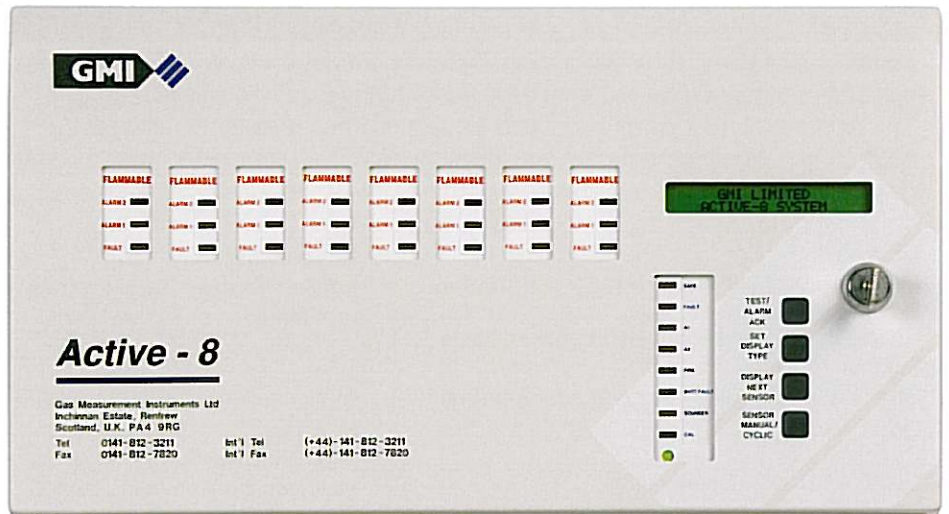


# GMI



## ACTIVE-8 Gas Detection System



- ❖ Common A1, A2 and A3 plus Common Fault Relay Outputs as Standard
- ❖ Individual mA Outputs Per Channel Available with an Optional 4-20mA Output Box
- ❖ Audible and Visual Alarms
- ❖ Up to 16 Additional Relays for Customised Alarm Zoning
- ❖ Ability to Add More Channels if Required
- ❖ Easy Installation
- ❖ One Man Calibration



GMI - PROTECTING ENVIRONMENTS...WORLDWIDE

## Active-8

The GMI Active-8 is an easy to use gas detection system which can house up to eight gas or fire input modules. These input modules can monitor a combination of different gas sensors and/or fire sensors, resulting in a flexible detection system designed for the smaller facility.

Flammable gases include Methane, Butane, Pentane, Propane, and Hydrogen. Toxic gases include Carbon Monoxide, Hydrogen Sulphide, Sulphur Dioxide, and also Oxygen.

Up to 30 fire and smoke detectors can be monitored per zone.

The alarm levels are programmable to give early warning of danger. These alarms are both audible and visual. There are two sounder outputs on the Active-8. The LCD will show the location of the alarm and any fault messages.

Features include up to 16 programmable relay outputs for customised alarm zoning and volt free outputs to drive external devices for both faults and alarms.

The Active-8 control panel is configured and calibrated using the 'Active-8-or', a hand-held communications adaptor that allows complete security for system settings and calibration information.

### Gases

Flammable: Methane, Pentane, Propane, Butane, Hydrogen

Toxic: Carbon Monoxide, Hydrogen Sulphide, Sulphur Dioxide

Others: Oxygen (other gas types on request)

### Relative Humidity Range

5% to 95% Non-Condensing

### Fire Detection

Up to 30 Fire Detector per Zone

### Number of Zones

Up to Eight Zones

### Displays

Individual Zone LED Display

Common LED Display

Descriptive LCD Display

### Alarms

Common Alarm 1, Alarm 2, Alarm 3 and Fault. In addition, there can be up to 16 individual customised alarm outputs.

### Terminals

Screw Type, Cable Sizes up to 4mm

### Battery Options

Internal Battery Back-up (rating 1.2Ah) (optional)

### Outputs

SPCO Relays with the following contact ratings:

Max Switching Power 60W

Max Switching Voltage 220vDC, 250vAC

Max Switching Current 2A

Two Monitored Sounder Outputs (rated at 24vDC 500mA each).

Optional 4-20 mA Output Box can provide individual analogue output per channel. This is available as isolated or non-isolated.

### Dimensions:

415mm x 230mm x 102mm

### Weight:

6.5Kgs (including batteries)

5.5Kgs (without batteries)

### Power Supply:

240vAC, 110vAC or 24vDC

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