



Wireless Solutions for Fire & Security

FirePoint Control Panel Features

- Analogue/addressable detection devices
- Digital processing based
- LED zone indication
- Keyswitch access
- Laptop programming
- Configurable system code
- Device isolate
- VHF remote receiver facility
- Keypad programming
- Integral pager transmitter



Overview

5000 FirePoint is designed using EMS radio technology allowing flexibility and expansion of wireless fire detection systems. There are various panel options available with the added benefits of wireless installation.

The fire alarm control panel incorporates state of the art radio technology, coupled with the panel features, providing the user with a cost effective and practical fire alarm panel.

5000 FirePoint uses industry standard devices such as the Ziton detector, KAC call point and the Signature Industries sounder.

The analogue/addressable detectors, callpoints and sounders are alkaline battery powered with up to 5 years typical life cycle.

The panel technology meets the requirements of BS5839 and EN54 standards and has been fully tested by the DTI to satisfy the requirements of MPT 1305 and 1328 radio standards. VHF technology is used for receiving information from devices and is combined with UHF (at 500mW) for command signals to radio sounders and personal pagers.

The fire panel and its peripheral equipment benefit from over 20 years of design, development and manufacturing experience, providing leading edge solutions to complex radio technology problems.

Optional system support facilities

- Optional wireless (radio) local area network
- Optional modem technical support
- Interface compatibility with the EMS fire detection range

5000
FirePoint

Specification

Dimensions:	330 x 450 x 116mm (Including back box)
Fascia:	Injection moulded, with steel backbox
Colour:	Two-tone contrasting beige
Operating Temperature:	-10 to 55 °C
Humidity:	Up to 75% non-condensing
Power:	230Vac, 50Hz
Battery Space:	2 x 12volt 9AH batteries (not supplied)
Operating Frequencies:	VHF - 173.2 MHz -173.5 MHz (receiver) UHF - 458.5 MHz - 459.5 MHz (transmitter)
Channel Spacing:	25 kHz
Output Transmitter Power:	0.75W (500 Mw) (+27DBH)
Outputs:	2 x .25amp 24v DC sounder output circuits individually fused with end of line by reverse polarity, open circuit & short circuit monitoring. 1 x hardwire call point with end of line, open circuit and short circuit monitoring. 2 x sets of auxiliary fire contacts. 2 x sets of auxiliary fault contacts. 1 x RS485 serial port 1 x RS232 serial port 1 x Power supply and charger 230VAC 50 Hz Transformer giving a total of 3 amps.
Standards:	Designed to comply with relevant parts of BS5839 and EN54

Ordering Information

Addressable 4 Zone Controller:	Part Number 53 - 5004
Analogue Addressable 12 Zone Controller:	Part Number 53 - 5012
Analogue Addressable 24 Zone Controller:	Part Number 53 - 5024
Analogue Addressable 96 Zone Controller:	Part Number 53 - 5096



EMS Group Head Office
Technology House
Sea Street
Herne Bay
Kent CT6 8JZ
England
Tel: +44 (0) 1227 369570
Fax: +44 (0) 1227 369679
Email: enquiries@emsgroup.co.uk

www.emsgroup.co.uk

An ISO9001:2008 approved company



Dealer Information:

The information contained within this literature is correct at time of publishing. The EMS Group reserves the right to change any information regarding products as part of its continual development enhancing new technology and reliability. The EMS Group advises that any product literature issue numbers are checked with its head office prior to any formal specifications being written.

Part No: FirePoint 1, v1.2