



4-96 ZONE CONTROL PANEL

- ▶ Addressable detection devices
- ▶ Digital processing based
- ▶ Led zone indication
- ▶ Key switch access
- ▶ Laptop programming
- ▶ Bomb alert input
- ▶ Configurable system code
- ▶ 2 auxiliary fire contacts
- ▶ RS232 port
- ▶ Device isolate
- ▶ LCD display
- ▶ VHF remote receiver facility
- ▶ 230v. 50hz operation
- ▶ 4 hardwired inputs
- ▶ Keypad programming
- ▶ Integral pager transmitter
- ▶ Class change input
- ▶ 2 wired sounder circuits
- ▶ 2 auxiliary fault contacts
- ▶ RS285 port



Overview

The system 5000 FIRE POINT is designed using radio technology, allowing flexibility and expansion of wire-free fire detection systems. The controller's features have been targeted, but not exclusively, to a 4-zone panel system but with the added benefits given by wire-free installation.

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

The system 5000 FIRE POINT uses approved industry standard devices such as call points, sounders and Ziton detectors etc.

The addressable detector is alkaline battery powered with a five year typical life cycle including call points and sounders.

The panel technology meets the requirements of the BS5839 and EN54 standards and has been fully tested to satisfy the requirements of MPT 1305 and 1328 radio standards. VHF technology for receiving information from devices 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

- Wire-free (radio) local area network
- Wire-free (radio) voice evacuation system
- Modem technical support
- Interface compatibility with the fire detection range
- On board event (hard copy) printer

Specification

PHYSICAL:

DIMENSIONS: 330 x 450 x 116mm (Including back box)
FASCIA: Injection moulded, with steel back box
COLOUR: Two tone contrasting beige

ENVIROMENT:
TEMPERATURE: -10 to 55 degrees C
HUMIDITY: Up to 75% non-condensing

SUPPLY: 230v 50Hz

BATTERY SPACE: 2 x 12volt 7AH batteries

OPERATING FREQUENCIES: VHF - 173.2 MHz -173.5 MHz (receiver)
UHF - 458.5 MHz – 589.5 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 and 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 230v AC Hz Transformer giving a total of 3 amps

STANDARDS: Designed to comply with BS5839 part4 and EN54 part 2

Order details:
01-R-004/4 - 4 zone
01-R-004/12 - 12 zone
01-R-004/24 - 24 zone
01-R-004/96 - 96 zone

For a full range of products and part numbers please contact us

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