

CONTROL PANELS

- ANALOGUE/ADDRESSABLE DETECTION DEVICES
- DIGITAL PROCESSING BASED
- LED ZONE INDICATION
- KEYSWITCH 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 AUXILLARY FAULT CONTACTS
- RS485 PORT



5000 FirePoint

Overview

The system 5000 is designed using EMS radio technology allowing flexibility and expansion of a wire-free fire detection systems. There are various panel options available 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 uses industry standard devices such as the Ziton detector, KAC call point and the Signature Industries sounder.

The analogue / addressable detectors, call points and sounders are alkaline battery powered with a 5 year typical life cycle.

The panel technology meets the requirements of the 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 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 FACILITY'S

- OPTIONAL WIRE-FREE (RADIO) LOCAL AREA NETWORK
- OPTIONAL WIRE-FREE (RADIO) VOICE EVACUATION SYSTEM
- OPTIONAL MODEM TECHNICAL SUPPORT
- INTERFACE COMPATIBILITY WITH THE EMS FIRE DETECTION RANGE

Specification

PHYSICAL:	DIMENSIONS:	330 x 450 x 116mm(Including back box)
	FASCIA:	Injection moulded, with steel backbox
	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 (not supplied)	
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 circuit 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 230VAC 50 Hz Transformer giving a total of 3 amps.	
STANDARDS:	Designed to comply with BS5839 part4 and EN54 part 2	

Outline Ordering Information

Addressable 4 Zone Controller	- Part Number 5 - 5004
Analogue Addressable 12 Zone Controller	- Part Number 5 - 5012
Analogue Addressable 24 Zone Controller	- Part Number 5 – 5024
Analogue Addressable 96 Zone Controller	- Part Number 5 – 5096



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