



Wireless Solutions for Fire & Security

FirePoint Heat Detector Features

- Analogue/addressable
- Proprietary sensor
- Universal transmitter module
- Up to 5 Years battery life
- Detector / transmitter tamper
- Range in excess of 250 metres



Overview

The model 5120 Analogue Addressable Heat Detector is bayonet fitted to a radio address/transmitter module, incorporating alkaline batteries and supplied with a surface-mount base unit. Removal of the detector or address/transmitter module will indicate a fault condition. The detector is manufactured by Ziton limited and complies with BS5839 Part 5 and EN54 Part 5 (Class B) and part 8 (Class B).

The Heat Detector operates on a highly sensitive thermistor, which measures actual temperature and the rate of temperature rise change. At regular intervals, the detector carries out a self test that checks and verifies every function, including the thermistor and sensitivity to temperature. Any failure is automatically reported to the control panel.

The detector incorporates a selectable automatic lock, which, if enabled locks it into its base when plugged in, preventing unauthorised removal. Each unit has a unique address configured during manufacture and is individually addressable by the system controller. The radio address module is programmed to report at regular intervals of 5 – 9 minutes.

Designed and manufactured using the latest techniques and surface-mount technology ensures component count is kept to a minimum, thereby maximising reliability.

The address/transmitter module is powered by a low-voltage dual supply alkaline battery pack. The battery pack condition is continually monitored. The battery pack has been tested to provide up to 5 years life at normal site operations (10 - 30°C). The system indicates remaining battery capacity and a low battery condition is indicated to the controller as a fault, leaving approximately 30 days for the battery pack to be changed.

Specification

Dimensions:	106 x 75 mm with transmitter/address module
Weight:	119g
Operating Temperature:	-10 to 85 °C
Humidity:	Up to 95% non-condensing
Supply:	6 x 1.5 volt Alkaline AAA cells Up to 5 years battery life (at normal site conditions 10 - 30°C)
Operating Frequencies:	VHF - 173.2 MHz -173.5 MHz (transmitter)
Channel Spacing:	25 kHz
Output Transmitter Power:	1 mW ERP
Outputs:	Detector alarm – Fire and Fault Detector identity Battery condition Auto report signal
Standards:	Designed to comply with relevant parts of BS5839 and EN54

Ordering Information

Detector / address module complete: Part Number **53 - 5120**



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Dealer Information:

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