



# Datasheet for Models:

## KF2R

## KF2

The new-look, cost-effective Firex cable-harness range of smoke and heat alarms – manufactured and supplied by Kidde, with the reassurance of a leading global manufacturer.



Lic No: KM524754  
BS EN 14604: 2005

### Kidde Firex – 2012 model numbers

(previous models in brackets)

Back-up type	Sealed-in rechargeable	Loose battery
<b>Alarm type</b>		
Ionisation smoke	KF1R (4881)	KF1 (4870)
Optical smoke	KF2R (4985)	KF2 (4973)
Heat	KF3R (4892)	KF3 (4899)

## 230V Mains Optical Smoke Alarms

### Key Features

Firex hard-wired smoke and heat alarms all have a full 6-year guarantee and are BSi Kitemarked to reinforce the consistent quality provided by the world's largest manufacturer. Ionisation and optical models are complemented by heat alarms for situations unsuitable for smoke alarms, such as kitchens and garages.

- Single 'Hush' and 'Test' button
- Choice of sealed-in rechargeable (three Panasonic lithium cells) or loose battery back-up ranges
- Cable harness type connection and interconnectable up to 24 units
- Supplied with base-plate

### Applications

Both models are mains powered (for professional installation) with back-up power, complying with current minimum requirements of the relevant Building Regulations for new housing, i.e. Grade D (BS5839, Part 6).

Optical Smoke Alarms are for use in escape and circulation routes and in areas where there is danger of ignition of furniture and surroundings by cigarettes. They are best suited to slow, smouldering fires such as PVC cabling, foam filled furniture or bedding material. They are less prone to nuisance alarms than Ionisation alarms from cooking particles and steam near kitchens.

### Technical Specification

<b>Sensor</b>	Optical circular lateral chamber with insect resistant width, 9 slot entry inlet portals
<b>Chamber Size</b>	35mm outside diameter x 16mm depth approximate (external)
<b>Certification</b>	BSi Kitemarked to BS EN 14604: 2005
<b>Detection Band</b>	Infrared light wavelength
<b>Button Test</b>	Simulates the effect of smoke within the sensing chamber, checks electronics and sounder
<b>Automatic Self-Test</b>	Circuitry is tested and unit single beeps (chirps) if fault is detected
<b>Supply Voltage</b>	230V AC, 50Hz (nominal UK Voltage)
<b>Power Consumption</b>	Typical 50mA
<b>Connection</b>	Push fit/snap in grip type connector with 150mm long flying leads (supplied)
<b>Battery back-up</b>	(Model KF2) 1 off 9 Volt Alkaline Battery 522/6LR61 (User replaceable) (Model KF2R) 3 off 3 Volt Rechargeable Lithium Cells Panasonic UL2330 (User Non replaceable)



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.