5. TESTING THE SYSTEM

Test the full system using the test button of the alarms and or Control Unit for the Hearing Impaired System if fitted.

Press the test button on each alarm and wait for the other alarms to sound before testing all other alarms in the same way. The alarm should sound three times with a flashing red light then stop. Allow at least 5 seconds after a successful test before testing the next one. After testing check that the green light flashes approximately every minute. Test the alarm once a week to ensure correct operation.

The **Radio Interlinked System** is now ready for use.

Do not change any components of the system for those made by other manufacturers. Up to 15 alarms may be paired to the system.

WARNING: The electronic test button provides a full test of the alarms functionality. Do not try to test the alarm using either heat smoke or naked flame as damage will occur.

6. USER INFORMATION

Protect your Home Against Fire
Contact your local Fire Brigade for a home safety check, this information is free and will identify potential fire hazards in and around your home.

Make sure all occupants of the home know what a fire alarm sounds like. Prove and practise a fire escape plan and arrange a suitable and safe assembly point.

What to Do if the Alarms Sound
Alarms sounds are as follows:

Full alarm indicating smoke and fire	Repeating series of 3 beeps every 4 seconds with flashing light	••• ••• ••• •••
Low Battery	Single beep every minute	• • • •
Test button jammed	One beep every 11 seconds	• • • •
Fault	Double beep every minute	•• •• •• ••

MANY CHILDREN MAY NOT RESPOND TO THE ALARM TONES. THEREFORE CHILDREN MUST NOT BE LEFT ON THEIR OWN BUT MUST BE SUPERVISED AND IN THE EVENT OF A FIRE BE BROUGHT TO SAFETY BY AN ADULT.

Ensure everyone leaves the building as soon as possible.

Do not run.

- Do not stop to collect belongs.
- If it is safe to do so, close all windows and doors as you escape to prevent the spread of fire.
- Smoke is the main cause of death from fire. If trapped inside the building, cover your mouth, conserve breath and crawl to safety.

Do not silence a fire alarm until you know the cause of the alarm and when all occupants are safely outside the building.

Silencing an alarm
Do not silence a smoke alarm until you are certain there is no fire. The fire alarm that has detected a fire will be flashing its red light in the centre of the test button once every second, all other alarms in the system will just be sounding.

To silence the fire alarm system, press the test button on any alarm in that system. If one alarm continues to sound, it will be the one that has detected a fire. Check for a fire in its area and for its flashing red light. ONLY if you are certain there is no fire, press its test button to silence it. If you are not certain, evacuate the property and call your fire and rescue service on 999.

7. ALARM MAINTENANCE

A regular program of fire alarm maintenance will help to keep your alarm in good working order.

- Test the alarm monthly making sure that all interconnected alarms in the system sound within 10 seconds.
- Vacuum the alarms every six months and wipe them with a damp cloth.
- Do not paint the alarm.

A fire alarm is a sensitive life-saving device. The life of this alarm can be significantly reduced by adverse environments, incorrect location and a failure to regularly clean and maintain it according to the instructions. Incorrect location and a lack of reasonable care may also cause it to malfunction and will invalidate the warranty.

8. TROUBLE SHOOTING

The batteries in the FHH10-RF are intended to last 10 years – they are non -replaceable. At the end of its life the alarm will beep once every minute for a minimum of one month.

The life of the battery can be significantly shortened by periods of storage or use in temperatures below 5°C or above 30°C. It will also be shortened by frequent or extended periods in full alarm often caused by conditions such as cigarette smoke, steam, aerosol spray and condensation. In these circumstances the warranty will be void.

If this happens at night you can press the test button to silence the battery warning for 10 hours. Replace the alarm as soon as possible.

Problems are indicated in five ways;

1. The alarm beeps twice every minute indicating a malfunction.
2. The alarm beeps once every minute indicating a low battery.
3. The full alarm sounds for no reason. (A repeating series of three beeps with flashing light)
4. The alarm does not sound when pressing the test button.
5. The test button light remains steadily on or off. (i.e. does not flash approximately once every minute, when the unit is not in alarm)

Inspect for obvious damage. Check that the alarm has been installed in accordance with the instructions. In the case of repeated nuisance alarms, check that it is free from dust, cobwebs and external contamination from such things as cigarette smoke, drying paint, spray from household aerosols and steam that will ultimately shorten the life of the alarm and invalidate the warranty.

If this does not correct the problem, do NOT attempt to repair. There are no user serviceable parts internally. If the smoke alarm is within the warranty period and terms, indicate the nature of the problem and return the unit with proof of purchase to the address at the end of this manual. Units beyond warranty cannot be economically repaired.

9. PRODUCT WARRANTY

Fireblitz guarantees to you, as a purchaser, that the enclosed fire alarm will be free from defects in material, workmanship or design under normal use and service for a period of 7 years. This Guarantee are not assignable. Our liability to you, under this guarantee is limited to repairing or replacing any part which we find to be defective in material, workmanship or design, free of charge to the customer, upon sending the alarm with proof of date of purchase, postage paid to Fireblitz Extinguisher Ltd, Units 15/17 Manford Industrial Estate, Manor Road, Erith, Kent DAB 2AJ. The terms of this guarantee will not apply in the following circumstances:

- If the alarm has been modified, dismantled, contaminated, damaged, neglected or otherwise abused or altered following the date of purchase,
- If it fails to operate due to incorrect siting, installation or maintenance
- Damage caused by failure to abide by the instructions supplied.

It is specifically drawn to the users attention that substantial periods in alarm will shorten alarm life, during which time the fire alarm will have provided valuable protection; no Claim under the guarantee will be entertained. The liability of Fireblitz Ltd, arising from the sale of this alarm or under the terms of this guarantee shall not in any case exceed the cost of replacement of the alarm. In no case, shall Fireblitz Ltd be liable for consequential loss or damage resulting from the failure of the alarm or the breach of this or any other guarantee, express or implied or for damage caused by failure to abide by the instructions supplied.

This guarantee does not affect your statutory rights.

Fireblitz Extinguisher Ltd.
Units 15-17 Manford Industrial Estate,
Manor Road. Erith, Kent DA8 2AJ

Telephone: 01322 342238

TECHNICAL HELPLINE 0800 008 6568

Text on 07885 831239

Email: customerservices@fireblitz.co.uk

Firehawk SAFETY PRODUCTS

RF-LINK

Heat Alarm

7 YEAR Warranty

MANUAL

FHH10-RF

LONG-LIFE BATTERY

ALARM SILENCE

BS 5446-2: 2003
KM 654703

CE

UK CA

READ AND RETAIN THIS USER MANUAL

8171 V1.0

1. FHH1O-RF PRODUCT OVERVIEW

All FireHawk heat alarms are approved to BS5446:2 :2003, the most recent and rigorous Standard. The FHH10-RF comes with Advanced Thermistor based detection, controlled by bespoke software that is specifically designed for applications where smoke alarms would be unsuitable, such as kitchens, garages and dusty areas.

Product Features

- Can be radio interlinked with other RF-Link series devices Firehawk Smoke, Heat, Carbon Monoxide alarms or FHN800HIA Control units for hard of hearing.
- Two sealed in long life batteries.
- Bespoke software maximises detection ability, false alarm rejection and Alarm Silence operation.
- Power automatically switched on as alarm is installed onto its Radio Pattress and switched off when it is removed.
- Green LED flashes approximately every minute confirming the alarm is receiving power and ready to detect fire conditions.
- End of life low battery warning beeps once every minute.
- Low battery warning silence allows you to silence the warning at night and replace the alarm during the following day.
- Extra large test button for ease of use to test sensitivity, circuitry, battery and alarm sounder.
- Loud 85 dB piezo-electric sounder automatically resets when hazardous situation has passed.
- Alarm Silence feature allows you to silence nuisance alarms by pressing the test button, ideal in non-emergency situations. The red LED flashes every 2-3 seconds while the alarm is in the silenced mode and automatically resets in approximately ten minutes.
- Easy installation. Fixing screw kit supplied and there is no need to fit the batteries!

IMPORTANT NOTE: For minimum total property protection install at least one **SMOKE ALARM** in the escape route from each floor of your home and within 3 metres of all bedroom doors.

2. CHOICE AND LOCATION OF ALARMS

Heat Alarms are most suitable for kitchens, boiler rooms, workshops and garages where steam, cooking fumes, dirt and dust contaminate smoke alarms causing nuisance alarms and in some cases a failure to detect a fire early.

When installing heat alarms in living and working accommodation they should always be interlinked to smoke alarms and should not be used in escape routes from the building.

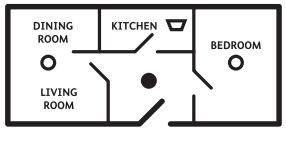
Photoelectric (Optical) Smoke Alarms are best for sensing smouldering fires and are therefore most suitable for rooms containing soft furnishings, carpets bedding and clothes, such as hallways, living rooms and bedrooms.

Photoelectric alarms are recommended by BS5839 part 6 for living accommodation where most fires are started by electrical equipment and smouldering material.

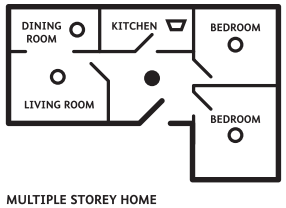
These alarms should be interconnected to heat alarms. See diagrams below. All alarms should be interlinked.

Recommended siting of smoke and heat alarms in:

SINGLE STOREY HOME WITH ONE SLEEPING AREA

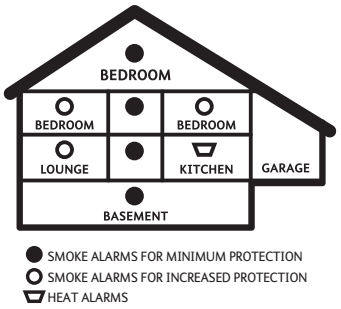


SINGLE STOREY HOME WITH TWO SLEEPING AREAS



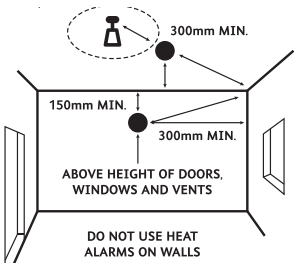
MULTIPLE STOREY HOME WITH MULTIPLE SLEEPING AREAS.

MULTIPLE STOREY HOME WITH MULTIPLE SLEEPING AREAS



Position of alarms on apex ceilings:

Recommended position of alarms.
Recommended in a room, corridor or escape route.



Heat Alarm location

The life of the alarm can be significantly reduced by adverse environments, incorrect location and a failure to regularly clean and maintain it according to the following instructions. Incorrect location and a lack of reasonable care may also cause it to malfunction and will invalidate the warranty.

- Do not install heat alarms on walls.
- Do not locate near fans or extractors; these can pull smoke and heat away from the alarm.
- Do not install in bathrooms and showers
- Do not install in rooms where the normal temperature may exceed 40°C or fall below 0°C. These may cause nuisance alarms.
- Do not install in the peak of an A frame ceiling; this may delay heat reaching it due to still air. (see diagram above for minimum distances from the peak)
- Do not install less than 300mm from walls and beams due to still air.
- Do not install less than 300mm from light fittings.
- Do not install heat alarms in sleeping areas such as bedrooms, nurseries, playrooms or areas where the elderly and disabled may spend long periods of time.
- Do not install on poorly insulated ceilings where cold air boundary layers may delay heat from reaching the alarm.
- Do not install near objects that may delay or prevent heat from reaching the alarm.
- Avoid installing within 1500mm of fluorescent light fittings that could cause nuisance alarms.
- Do not paint the alarm.
- The location of alarms must be in accordance with Part B of the applicable Building Regulations. Further help and guidance can also be found in BS5839 Part 6.

WARNING: Do not store alarms in temperatures below 5 degrees and above 30 degrees, and in low humidity; this may cause beeping and nuisance alarms when first installed. These will clear after a short time when the alarm has become acclimatised. Extended periods under these conditions will reduce the life of the alarms and invalidate the warranty.

3. FURTHER DETAIL ON ALARM LOCATION

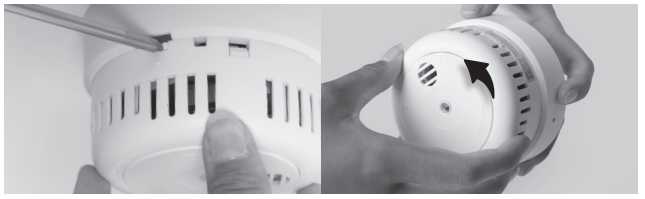
- At least one SMOKE alarm should be installed in the escape route from all floors of the building.
- The detection element of the heat alarm should be between 25mm and 150mm below the ceiling.
- Heat alarms should be mounted at least 300mm from any wall or light fitting.
- Heat alarms should NOT be mounted on walls.
- Do not use heat alarms in escape routes.
- No heat alarm should be further than 5.3 metres from other heat or smoke alarms.
- To give the earliest warning of a developing fire all smoke and heat alarms in your home should be interlinked (other than those in point 2 of Choice and Location of Alarms above).

4. INSTALLATION PROCEDURE

Linking the Radio System

Refer to the separate "RF-Link Pairing Guide" packaged with this alarm.

1. When the linking process is complete, test all alarms to make sure they all link to one another. If they do not, reset and link the alarms according to the instruction sheet packed with the alarms.
2. Now take the complete alarm to the rooms of their location and test the system again to make sure that they still operate correctly in their new location
3. Now separate the alarms from their radio pattresses by depressing the security tag shown below and twisting the alarm anticlockwise



4. Fix them to your final chosen location by referring to sections 2, 3, and 4 above and re-assemble the alarm to the pattress as shown below

5. You need to ensure surfaces do not contain hazardous materials eg asbestos. The screw fittings supplied are suitable for use on wood, plaster and plasterboard but on other surfaces such as concrete where adhesive material or adhesive pads may be better. For certain applications, the installer may need to source their own fixings.
6. Screw the pattress to ceiling using the fixings provided. You may also use two half-moon shaped and double sided fixing pads available from Fireblitz.
7. Alternatively, you may use any proprietary builders fixing adhesive normally used to fix skirting boards and other light building components to walls etc.

NOTE: Be sparing with any adhesives used on the back of the radio pattress to avoid excess adhesive squeezing through holes onto the circuit board. When using adhesive pads or adhesives make sure the surfaces are flake free, clean, dry and flat. Take care to use all appropriate Health and Safety precautions when fixing the pattress and alarm to their surface - in particular use appropriate access equipment, protect yourself from dust and wear eye protection.

Do not change any components of the system for those made by other manufacturers. Up to 15 alarms may be paired to the system.

WARNING: The electronic test button provides a full test of the alarms functionality. Do not try to test the alarm using either heat smoke or naked flame as damage will occur.