



FA4564 HARD WIRED ALARM CONTROLLER USER MANUAL

230 V AC 50 Hz mains powered unit, Hard Wired Alarm Controller. This FA4564 Hard Wired Alarm Controller is designed to be used in conjunction with FireAngel alarms. We recommend the device is fitted in a room where the temperature is between -10°C (14°F) and 40°C (104°F). Prolonged exposure to temperatures outside those stated above will reduce product life.
WARNING: Wiring should be installed by a qualified electrician in accordance with BS 7671. The wiring must conform to current regulations for electrical installations. Check with local building and fire regulations for your property, to ensure compliance. This device is not intended for any non-residential, commercial or industrial application, nor for any other purpose than described above.

Privacy Statement

FireAngel Safety Technology Limited takes your privacy seriously. Our devices and products collect data to enable us to provide services (including product support and notifications) and to enable us to predict fire risks and create statistics. Details of the data we collect, how we use and how long we keep that data are contained in our privacy notice which is available at <https://www.fireangel.co.uk/FACTPP>. If you have any queries about how we use your personal data or would like to exercise any of your rights, including your right to object where we rely on legitimate interests, please contact us at customersupport@fireangeltech.com or call 0330 094 5830.

Technical Support

Online: www.fireangeltech.com/support
E-mail: customersupport@fireangeltech.com
Phone: 0330 094 5830
Fire & Rescue Customers: 0800 141 2561
www.fireangel.co.uk



Note: This user manual is also available in large text and other formats.

FireAngel Safety Technology, Ground Floor, BOURN, 1 Manor House Drive, Coventry, CV1 2TA, UK

EU Importer: FireAngel Safety Technology Europe, B.V., Concertgebouwplein 15-H, 1071 LL, Amsterdam, Netherlands
Email: euenquiries@fireangeltech.com

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1. POSITIONING

The Hard Wired Alarm Controller should be located on an easily accessible wall, at light switch height, on a landing or hallway, possibly next to the master bedroom.

It is recommended that the device is mounted at standard light switch level (1.2 m from the floor).

The device can be either surface mounted or positioned flush against the wall. If the controller is to be recessed the backbox must have a minimum of at least 35 mm depth.

NOTE: Up to 4 Hard Wired Controllers can be used on a single system. It is recommended that they are equally spaced apart.

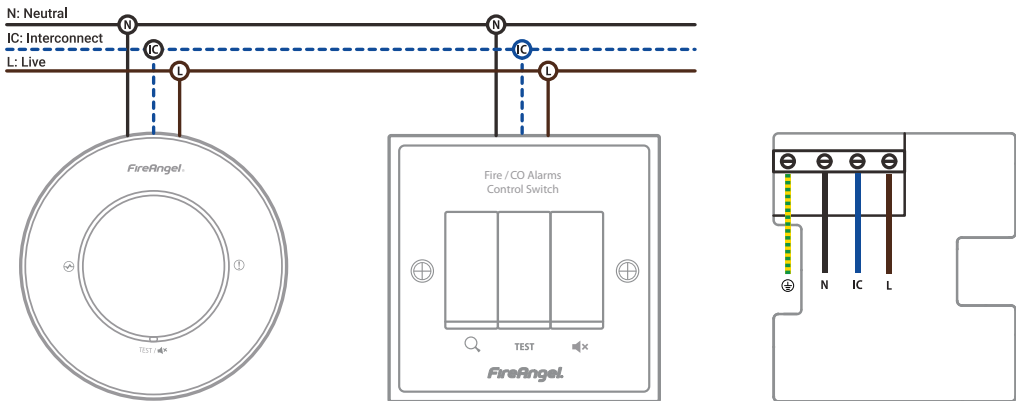
2. INSTALLATION

IMPORTANT: This FireAngel Hard Wired Alarm Controller is only to be connected to FireAngel Bluetooth products. Do not use with alarms from other manufacturers.

WARNING: This Hard Wired Alarm Controller should be installed by a qualified electrician in accordance with BS7671:2018.

- Switch off electricity supply.
- Select a suitable location, based on the positioning advice above.
- Remove the device cover by using a cross-head screwdriver on the two screws located on the front of the product.
- Feed the wiring through from the alarm network which is to be connected. A minimum of 0.75mm² cable should be used.
- Install the mounting box (or suitable flush mounting box) into the wall.
- Connect the wires to the correct terminals L: Live (Brown), N: Neutral (Blue), IC: Interconnect (Black/UK or White/ROI). This controller is equipped with a grounding port, which provides a safe grounding connection for any connected grounding wire.

WARNING: Ensure all wiring is correctly connected. If it is not the Hard Wired Alarm Controller and all connected units may be damaged.



- To complete the installation, screw the cover back into place.
- Switch on the mains electricity supply.
- Test the Hard Wired Alarm Controller after installation (and weekly thereafter) by pressing the Test switch, ensuring all connected alarms sound and the red LEDs flash.

IMPORTANT: The circuit used to power the Hard Wired Controller must be a 24 hour voltage circuit that cannot be turned off by a switch. In accordance with BS 5839: Part 6, we recommend: For mains powered units, each with an integral standby supply, the mains electricity supply should take the form of either a) an independent circuit at the dwelling's main circuit board, in which case no other electrical equipment should be connected to this circuit (other than a dedicated monitoring device installed to indicate failure of the mains electricity supply); or b) a separately electrically protected, regularly used local lighting circuit. Check with local building and fire regulations for your property to ensure compliance.

WARNING: The Hard Wired Alarm Controller must not be exposed to dripping or splashing. Install as late as possible to avoid contamination during building works.

PLEASE NOTE: A maximum of 50 devices (including the Hard Wired Alarm Controller) can be interlinked on a network. Please refer to your FireAngel Smoke / Heat / CO Alarm User Manual for interlink instructions.

Please refer to the individual alarm manuals for installation instructions.

3. WHAT TO DO IF AN ALARM SOUNDS

A loud alarm is a warning that potentially lethal levels of carbon monoxide or fire is present. NEVER IGNORE AN ALARM.

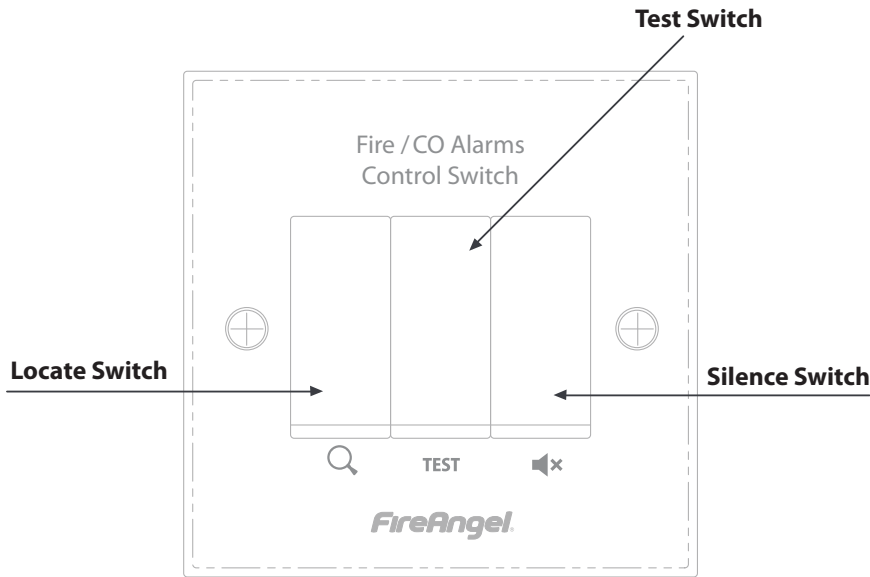
If there is any doubt about the cause of an alarm activation, assume it was caused by an actual fire and evacuate immediately. If it is safe to do so, press the 'Locate' switch to silence all but the source alarm that has been activated. The location of the activated alarm can now be audibly identified. If certain that there is no danger or risk, the 'Silence' switch can be pressed to silence the activated alarm.

If the 'Locate' switch has not been pressed, pressing the 'Silence' switch will first silence the secondary device(s) (the activated alarm will not be silenced). You can then press the 'Silence' switch a second time, within 10 minutes of the first press, to silence the activated alarm.

4. TESTING THE ALARM SYSTEM

Press the Test switch to confirm that the Hard Wired Alarm Controller is operating properly. This will instigate a 4 second test. All networked alarms should sound. To stop the test, simply press the Test switch again. This test should be performed on a weekly basis.

Pressing the Test switch on the Hard Wired Alarm Controller creates a lot of traffic. If you need to use the feature more than once, please wait 40 seconds to let the network settle down.



5. PRODUCT FUNCTIONALITY

Function	Description
TEST - Test switch	This allows you to test all interlinked alarms from one centralised location.
Q - Locate switch	In an alarm event this will silence all interlinked alarms except the initiating alarm which has sensed carbon monoxide / smoke / heat. Once located, if you are sure there is no danger, you can silence the initiating alarm by now pressing the Silence switch.
Qx - Silence switch	This will silence all interlinked alarms, except the initiating alarm, and reduce the system sensitivity. The initiating alarm can be silenced by pressing the switch a second time. Warning: if CO levels are above 150ppm, then the alarm cannot be silenced.

6. MAINTENANCE

This Hard Wired Alarm Controller will act as an interface between the alarms in your home when maintained properly. To ensure the reliability of the Controller:

- Keep the unit free from dust by gently vacuuming the case with a soft brush attachment every 3 months.
- Never use cleaning solutions on the Controller. Simply wipe with a damp cloth.
- Do not paint the Controller.
- Do not spray aerosols on or near the Controller.
- Do not use any solvent based products near the Controller.
- Do not attempt to repair the Controller.
- Do not remove any screws or open the main casing of the Controller. Any attempt to do so may cause malfunction and will invalidate the warranty.

TEST YOUR
CONTROLLER WEEKLY

7. TROUBLESHOOTING

Issue	Indication
The alarms don't sound when pressing the test switch:	- Check all connections from the controller to the alarms. - Check the green power LED is illuminated on all alarms.
If you have any questions about the operation of your Hard Wired Alarm Controller, please visit the FireAngel website for FAQs: www.fireangeltech.com alternatively contact Technical Support via email: customersupport@fireangeltech.com or by calling: 0330 094 5830.	

8. TECHNICAL SPECIFICATION

The FA4564 Hard Wired Alarm Controller is designed to be installed by a qualified, competent person.

- Standard UK 1-gang installation (surface box supplied).
- 3 clearly identifiable control modes; Test, Locate and Silence.
- Supports up to 50 Interconnected devices.
- For use with FA4150BW Smoke Alarm, FA4250BW Heat Alarm, FA4451BW Heat and CO Alarm, FA4452BW Smoke and Heat Alarm and FA4453BW Smoke, Heat and CO Alarm.
- Storage and transportation conditions: -20°C to +50°C.
- Operating conditions: -10°C to +40°C.

9. WARRANTY AND DISPOSAL

FireAngel Safety Technology Limited warrants to the original purchaser that its enclosed Hard Wired Alarm Controller be free from defects in materials and workmanship under normal residential use and service for a period of 5 (five) years from the date of purchase. Provided the product is sent back to FireAngel Safety Technology Limited with proof and date of purchase, FireAngel Safety Technology Limited hereby warrants that during the 5 (five) year period commencing from the date of purchase FireAngel Safety Technology Limited, at its discretion, agrees to replace the unit free of charge. The warranty on any replacement FA4564 device will last for the remainder of the period of the original warranty in respect of the alarm originally purchased – that is from the date of original purchase and not from the date of receipt of the replacement product. FireAngel Safety Technology Limited reserves the right to offer an alternative product similar to that being replaced if the original model is no longer available or in stock.

This warranty applies to the original retail purchaser from the date of original retail purchase and is not transferable. Proof of purchase is required.

This warranty does not cover damage resulting from accident, misuse, disassembly, abuse or lack of reasonable care of the product, or applications not in accordance with the user manual. It does not cover events and conditions outside of FireAngel Safety Technology Limited's control, such as Acts of God (fire, severe weather etc.). It does not apply to retail stores, service centres or any distributors or agents. FireAngel Safety Technology Limited will not recognise any changes to this warranty by third parties. This warranty does not cover replaceable batteries which are considered user-replaceable parts.

FireAngel Safety Technology Limited shall not be liable for any incidental or consequential damages caused by the breach of any expressed or implied warranty. Except to the extent prohibited by applicable law, any implied warranty of merchantability or fitness for a particular purpose is limited in duration for 5 (five) years.

This warranty does not affect your statutory rights. Except for death or personal injury, FireAngel Safety Technology Limited shall not be liable for any loss of use, damage, cost or expense relating to this product or for any indirect, or consequential loss, damages or costs incurred by you or any other user of this product.

DISPOSAL

Waste electrical products should not be disposed of with your other household waste. The device is ideally suited for disposal within the waste electronic and electrical equipment (WEEE) recycling scheme. All batteries should be removed from the product and disposed of separately in line with current local regulations. Please recycle where facilities exist. Check with your local authority, retailer or contact our Technical Support team for recycling/disposal advice as regional variations apply.
Do not attempt to open. Do not burn.

For Technical Support reference, please write the alarm batch number and install date here:

Batch number:

XX XX XX XX

Install date:

XX / XX / XX XX XX