



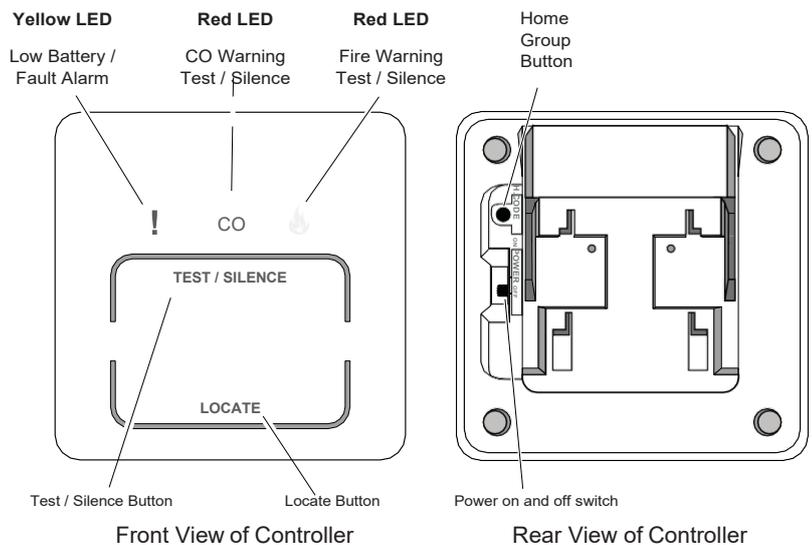
## Technical Specification

Power Supply	“Lifetime Power” Lithium battery (10 years)
Battery Capacity	1600 mAh
RF Frequency	868Mhz
Operating Temperature	0°C to 40°C (Cat 3)
Humidity	15% - 95% (Non Condensing)
Receiver Category	Cat 2
EMC Performance	EN 301 489-1, EN 301 489-3
Safety Testing	EN 60065
RF Power	+7dBm
Number of RF Alarms	20 per Home Group inc. control unit

The Hispec RF-PRO Control Unit can link to and control up to 19 alarms in the Hispec RF-PRO range, consisting of smoke alarms, heat alarms, and Carbon Monoxide (CO) alarms.

## Control Unit functionality

Function	Description
Test	All of the Alarms can be tested from a centralised location
Locate	This will silence all the Alarms in the system except the one sensing Fire
Silence	This will silence the Home Group
Fire Indicator	Indicates that a Fire Alarm has been activated
Low Battery Indicator	Indicates that the Control Unit battery has reached the end of its life
Memory	The memory feature allows the Control Unit to stay connected with Hispec Home Grouped alarms



## Home Grouping

Please read through all of the steps thoroughly before installation. It is essential to “Home Group” the control switch to all of the alarms in the system, to ensure they will not communicate with any other nearby systems. Failure to “Home Group” the system will prevent it from operating correctly.

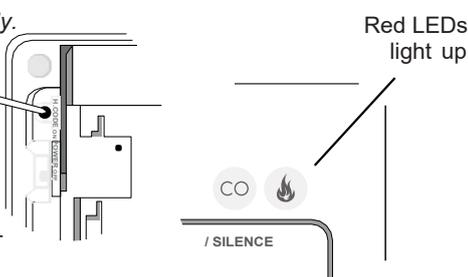
**\*\*Do this BEFORE you install any of the devices!\*\***

### Setting up the Home Group

1. Turn the power on with the switch on the back of the Control Unit.
2. Turn on all alarms to be installed in the system by sliding them onto their baseplates until they click into place.
3. Press and hold the “Home Group” button (H CODE) on the back of the Control Unit until the Red LED lights up on the front as pictured below, then release. Now the Control Unit is in “Home Grouping” mode.  
*Note: The “Home Grouping” mode on the controller will be active for 2 minutes 30 seconds. After this period, it will*

turn off automatically.

Use a screw driver to press and hold the H.Code at the back of controller



4. “Home Group” all of the alarms in the system.

**Mains powered alarms:** press the small rectangular pairing button on the side of the alarm baseplate TWICE. A red LED next to this button will flash 5 times.

**Battery smoke/heat:** press the small black pairing button on the back of the alarm TWICE. The red LED on the front will flash five times.

**Battery CO:** press the TEST/SILENCE button slowly so red and green LEDs flash once each time. The red LED will then flash 3 times.

This alarm is now in the Home Group.

5. Repeat Step 4 for each additional alarm. Ensure the Red LED stays lit on the Control Unit throughout - if it goes off before you have finished, repeat Step 3 and continue Step 4 with any alarms not yet joined to the Home Group.

6. Now all of the devices are joined in the Home Group, they can be installed.

7. For details on individual alarm devices, consult the instruction manuals enclosed with them.

*Note: The Control Unit and all of the connected Home Group alarms have a memory function. When they are disconnected from their power supply or turned off (i.e. for installation) they will remain joined to the Home Group.*

### Range

All the RF-PRO Models have a maximum wireless connection range of upto 80m in an open outdoor space and 30m indoors.

## Operation

Frequent testing of the system is advised to ensure its continued and safe operation. Guidelines and best practices for testing are as follows:

1. After the system is installed.
2. Once weekly thereafter.
3. After prolonged absence from the dwelling (e.g. after holiday period).
4. After repair or servicing of any of the system devices or household electrical works.
5. After any electrical power cut.

## Testing the alarm system

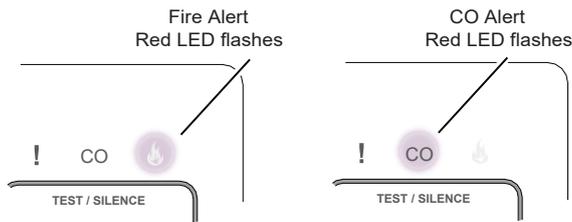
1. Hold the "TEST / SILENCE" button on the Control Unit for half a second. The red LED's will light up for 2 minutes 30 seconds to indicate it is in test mode. In this period, the controller will constantly send a signal to all Home Grouped alarms.

2. All of the Home Grouped alarms linked to the Control Unit will sound.

3. To manually exit the test mode, press the "TEST / SILENCE" button once. The red LED will turn off and all sounders will stop after a few seconds.

*Note: The test mode will automatically turn off after 2 minutes 30 seconds. If the test fails go to the "Troubleshooting" section.*

## Locating the source alarm(s)



If the FIRE indicator is flashing and there is no obvious fire, you can trace the source alarm to check.

1. Hold the 'LOCATE' button for half a second. The red LED on the controller will change from flashing to a steady glow.
2. After a few seconds, all the other Home Grouped alarms will stop sounding except the source alarm.

*Note: The Control Unit will automatically turn off the Locate Mode after 2 minutes. If the source alarm is still activating after 2 minutes, the Home Grouped alarms will resume sounding. If you have not yet traced the source alarm, repeat Step 1.*

## Silencing the source alarm(s)

If you are satisfied there is no fire, but a fire alarm is still continuing to sound, you may now silence the system.

1. Hold the "TEST / SILENCE" button for half a second. The red Fire Alert LED on the Control Unit will change from flashing to a steady glow.
2. After 5 seconds, the source alarm will enter silence mode. All other Home Grouped alarms will stop sounding. The silence function is active.

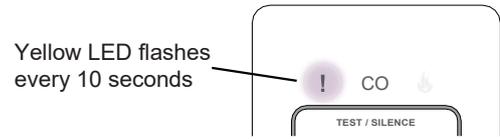
## When the alarm system sounds

If there is a fire, immediately evacuate the premises and telephone the fire service. If a CO alarm has sounded immediately open doors and windows to ventilate.

## Low Battery Warning Signal

The Control Unit uses a sealed lithium battery to operate, which will last for approximately 10 years under normal use.

When the battery gets low, the yellow LED light flashes every 10 seconds. The Control Switch must be replaced for a new one.



## Reset the Home Group

Sometimes, e.g. to resolve a communication issue, it may be necessary to reset and "Home Group" all of the devices in the system again.

To reset the Control Switch use a thin screwdriver to press the H.Code button 5 times. The red LED's on the front will flash 10 times to indicate the memory has been reset. To reset the other Home Grouped alarms in the system consult the appropriate instruction manuals.

## Troubleshooting

If some of the Home Grouped alarms do not respond to the Control Unit remote control test, then:

- (i) Ensure the Control Unit has been powered on correctly.
- (ii) Check that unresponsive alarms have been powered on correctly and work with their individual Test buttons.
- (iii) With the unresponsive alarms, repeat the steps in the "Home Grouping" section from Step 3.
- (iv) Relocate the Control Unit and/or rotate/relocate the alarms. There are a number of reasons why the RF signals may not reach all of the alarms in your system. Therefore try rotating or relocating the alarms (e.g. move them away from metal surfaces or wiring) as this can significantly improve signal reception.
- (v) Return all of the devices to factory settings by following the "Reset the Home Group" procedures. Then, while in their installed positions, follow all the steps in the "Home Grouping" section.

## Guarantee

Hispec Electrical Products Ltd guarantee this Control Unit for 5 years from date of purchase, against any defects that are due to faulty materials or workmanship.

This guarantee only applies to normal conditions of use and service and does not include damage resulting from accident, neglect, misuse, unauthorised dismantling, or contamination howsoever caused. This guarantee excludes incidental and consequential damage.

This guarantee does not cover costs associated with the removal and/or installation of units.

If the product should become defective within the guarantee period, it may be returned with proof of purchase, carefully packaged, and with the problem clearly stated, to the place of purchase.

We shall at our discretion repair or replace the faulty unit.



LIGHTING • FIRE & CO DETECTION

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