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Telecare Solutions

Smoke/Heat+ Quick Reference Guide

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Smoke/Heat+

How they Work

The Smoke+ and Heat+ are discreet, compact units. When activated, a loud audible alert will be emitted and a radio message will be sent to the alarm receiving device. The Smoke+ and Heat+ are interlinked alarms, and can be connected to other Heat+ or Smoke+ devices, so that each of them alerts when one of the devices is activated.

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Preparing the Devices

- Firstly, unpack all units to be connected and separate the sensors from the mounting plates.
- Turn Switch 1 on the PCB into the ON position for all devices to be paired.
- The LEDs on all devices will flash rapidly red and orange.
- There are two methods that can be used to interlink the devices.

Tip: A suitable tool such as a head of a pin/tweezers can be used to change the position of the switch.

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Interlinking Devices - PCB Method

- Place the devices that are to be paired within 0.3m of each other
- To pair the devices, press Switch 2 on the PCB on one of the devices.
- The red LED will rapidly flash on all devices.
- The detectors will be paired when the LEDs cease flashing on all units
- The sensors can now be positioned and secured into the mounting plate.

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Interlinking Devices - Unit Method

- To pair, position and secure the sensors into their mounting plates.
- Press the ‘Test’ button on any device and the sensor will emit a series of clicks.
- When the clicks cease the devices have been paired.

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Test Pairing

- To test the pairing, press the test button on any connected detector.
- The unit will beep three times then fall silent.
- All other detectors will sound until the test is stopped.
- To stop the test, press the test button on any Smoke/Heat+ detector.
- The sensors will emit a series of clicks.
- When all clicks cease the test is complete.

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Pair Additional Devices

- To pair another device, place close to a device that has already been installed.
- Put Switch 1 into the ON position.
- Press the test button on a paired device.
- All the devices in the paired group will now sound.
- The new device is paired when the red LED stops flashing.

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Unpair Devices

- To unpair a device, turn Switch 1 to the OFF position.
- Now press and hold down Switch 2.
- Whilst still holding down Switch 2, return switch 1 to the ON position and release.
- The LEDs will flash and the device has now been unpaired.
- Ensure this is carried out for each individual device you wish to unpair.

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Registering to a Notifier / Other System

- Ensure all the devices are paired, secured in their mounting plate and turned on
- Prepare the Notifier/other system by entering registration mode
- Activate the alarm by pressing the test button
- The Notifier/other system should acknowledge the new device

Important: Each individual device must be programmed to the alarm receiving unit individually

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Changing the Protocol

The Smoke+ is an interoperable device with two built-in radio protocols: Tunstall and TeleAlarm. To check the protocol currently programmed, ensure Switch 1 is in the ON position and press Switch 3.

Two flashes indicate it is programmed to the TeleAlarm protocol, whilst three flashes indicate it is programmed to the Tunstall protocol.

- To change the protocol, turn Switch 1 to the OFF position.
- Press Switch 2 and Switch 3 simultaneously.
- Turn Switch 1 to the ON position then release Switch 2 and Switch 3.
- The LEDs will flash once to confirm the protocol has been changed.
- Press Switch 3 to confirm the protocol has been changed, indicated by 2 flashes for TeleAlarm and 3 for Tunstall.

Heat+

Positioning and Installation

- The heat alarm should be mounted on the ceiling in the middle of a room, and at least 300mm away from walls, light fittings, doors, windows, vents and bathrooms/shower rooms.
- Ensure the chosen location is also within range of the alarm receiving device and any other connected devices.
- The pattress can be secured to the ceiling using the enclosed fixings. Once the pattress is mounted, the wire from the heat alarm should be plugged into the radio interface, ensuring that the plug is orientated correctly and a click is heard.
- To assemble the heat alarm, first ensure that the wire is folded neatly into the pattress. Align the line on the head with the arrow on the base, then turn the head clockwise until the locking tag clicks into place. This action will also switch the heat alarm on.

Smoke+

Positioning and Installation

- The smoke alarm should be mounted on the ceiling in the middle of a room or hallway, and at least 300mm away from walls, light fittings, doors, windows, vents and bathrooms/shower rooms.
- If it is necessary to mount it on a wall, ensure it is at least 150mm below the ceiling and 300m away from a corner. Ensure the chosen location is also within range of the alarm receiving device and any other connected devices.
- The pattress can be secured to the ceiling/wall using the enclosed fixings.
- Once the pattress is mounted, the wire from the smoke alarm should be plugged into the radio interface, ensuring that the plug is orientated correctly and a click is heard.
- To assemble the smoke alarm, first ensure that the wire is folded neatly into the pattress. Align the line on the head with the arrow on the base. then turn the head clockwise until the locking tag clicks into place. This action will also switch the smoke alarm on.

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Status Indications

The Smoke+ and Heat+ feature a sounder and a red LED indicator which can be seen on the front of the units. The flashing LED and/or associated beeps indicate the following conditions:

- Power - One brief flash every minute with no beep confirms the unit is powered correctly
- Low Battery - One flash every minute with one beep indicates a low battery
- Test Button Jammed - A single beep every 11 seconds indicates the test button is stuck
- Fault - A double beep every minute indicates a fault or malfunction
- Test - Repeated flashing of the LED and a single series of 3 beeps
- Alarm - Repeated flashing of the LED every second and a series of 3 beeps sounding every 4 seconds
- Alarm Silenced - Brief flash every 12 seconds indicates an alarm condition if the alarm has been silenced

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Testing

Testing should take place weekly to ensure correct operation, and also to check that the link to the alarm receiving device is still working.

Testing can be carried out by simply pressing and holding the test button for a few seconds. The alarm should sound three times with a flashing LED and the radio transmitter should activate.

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

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Silencing

The units can be silenced by momentarily pressing the test button. This is ideal for non-emergency situations where nuisance alarms may have been created, for example, by steam.

The red LED will flash every 12 seconds to remind you that the smoke alarm has been silenced and will automatically reset to quiescent mode after 10 minutes. Low battery warnings can also be silenced. As low battery alerts often arise during the night, the audible warning can be temporarily silenced for ten hours by momentarily pressing the test button.

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Cleaning

The units should be cleaned regularly to ensure it works properly. The pattress can be cleaned with a very lightly damped cloth. Do not use an abrasive material, any chemical cleaning agents or any other liquids to clean the pattress as these may damage the unit. Avoid using aerosol based cleaning agents as these may cause false alarms. The use of a vacuum cleaner with soft brush to remove dust is advisable and will help to keep the unit working efficiently and prevent false alarms in more dusty environments.

Thank you

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