

Battery powered alarm control unit for Wi-Safe 2 enabled alarms and devices

- The alarm control unit shall be compatible with all Wi-Safe 2 products. The unit shall have the ability to be used as a remote interface between up to 50 Wi-Safe 2 devices. The unit shall carry the CE mark to indicate conformance to all of the applicable EC directives including Low Voltage and Electromagnetic Compatibility Directives.
- The unit shall be powered by a non-removable integrated battery which has a 10 year life in normal operating conditions.
- The unit shall incorporate a Wi-Safe 2 intelligent communication module as standard, which wirelessly interlinks with up to 50 other units with Wi-Safe 2 technology inside on a single network. All units shall have the ability to be learnt into a single network by an easy 2 button process.
- The Wi-Safe 2 radio frequency shall be 868 MHz band in accordance with R&TTE Directive 1999/5/EC.
- A simple 2 button process enables the control unit to communicate with other Wi-Safe 2 products on a unique coded network. Additional units can be added on to the network using the same procedure.
- The unit shall feature an optional tamper proof function where required, that can securely lock the unit into place after installation and thereafter it can only be removed with a tool.
- The unit shall visually indicate whether it is a fire or carbon monoxide (CO) incident.
- The unit shall incorporate 4 functions; Test, Silence, Locate and Memory.
- Test Function: Pressing the 'test' button shall cause all alarms on the network to sound for 3 minutes. This shall allow testing of the entire system without having to press the central test button on each of the alarms.
- Silence Function: Pressing the 'silence' button shall silence all of the interlinked alarms for up to 10 minutes in the event of a known false alarm. After 10 minutes the alarms shall return to full sensitivity. During these 10 minutes if additional smoke/heat is detected the alarm silence function will be overridden and the alarms will sound.
- An alarm cannot be silenced using the alarm control unit if CO has been detected, however the locate function will allow the initiating CO alarm to be located.
- Locate Function: Pressing the 'locate' button shall silence all wirelessly interlinked alarms except for the initiating alarm which has sensed smoke, heat or carbon monoxide. To make locating the alarm easier, the control unit shall be removable from its bracket enabling it to be carried around the property (providing the tamper proof function has not been engaged), allowing the user to press the Locate or Test button whilst moving from room to room.
- Memory Function: Where an alarm has previously gone into full alarm, a fire or CO indicator shall flash on the control unit every 10 seconds. This indicator will continue to flash until the Locate button is pressed. Pressing the Locate button shall sound the initiating alarm to enable further investigation.
- The unit shall be manufactured from ABS, UL94 V0 fire retardant plastic.
- The unit shall be supplied with installation / user instructions.
- The unit shall have the following dimensions:
90mm height x 90mm width x 22.5mm depth.
- The unit shall have the following weight: 142g (including power pack).
- The unit shall have a 5 year warranty.