INTELLIGENT FIRE DETECTORS

- 5 Certified response modes
- Drift compensation
- User programmable
- Rejection of transient signals
Discovery is a range of high-specification, intelligent fire detectors developed to meet the requirements of sophisticated systems while providing engineers with an additional dimension in fire protection capability. Discovery detectors can be set to a sensitivity mode best suited for the application. Discovery gives you total reassurance in installations where adaptability to changing conditions and protection against unwanted alarms are paramount.

### Manual Call Point

The Manual Call Point has a highly visible alarm indicator which can be seen from up to 10 metres away. When activated, the manual call point interrupts the polling cycle for a fast response. A combined LED indicator and front reset mechanism allows for a quick and simple reset.

Part No. SA5900-908 Intelligent Manual Call Point
58200-950 Waterproof Addressable Manual Call Point
58200-951 Waterproof Addressable Manual Call Point with Isolator

### Fire Control Panel Compatibility

Discovery products are designed to be operated with purpose-designed control and indicating equipment that makes full use of Discovery features. Discovery devices can be connected to CoreProtocol or XP95 fire control panels but not all Discovery features will be accessible on XP95 systems. For a list of compatible panel manufacturers, visit www.apollo-fire.co.uk/controlpanels

### Compatible Products

Access to the Discovery range of audible and visual signalling equipment with advanced features such as choice of volume levels, tones, including class change.

### Drift Compensation

All Discovery smoke detectors include compensation for sensor drift caused, for example, by dust in the chamber, and will hold the sensitivity at a constant level even with severe chamber contamination.

### Sensitivity Selection

Each detector in the Discovery range can operate in one of five response modes, which can be selected from the fire control panel or hand held programmer. The response characteristics of the detectors have been carefully set so that the detectors are certified with the requirements of the relevant part of EN 54 in all response modes. Mode selection depends on application – Mode 1 will give a higher sensitivity to fire than Mode 5. See table below for more information.

### XPERT 7 Card and Base

The 7-Bit XPERT card is a unique, patented addressing method whereby the address is set by simply removing the ‘pips’ on the card according to a chart supplied with the base. The coded card is then inserted into the side of the base where it locks into position. The XPERT card simplifies and speeds up the installation and commissioning.

### Discovery Response Mode Selection Grid

<table>
<thead>
<tr>
<th>Room Type</th>
<th>1 2 3 4 5</th>
<th>1 2 3 4 5</th>
<th>1 2 3 4 5</th>
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<tbody>
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<td><strong>Mode</strong></td>
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</table>

**IMPORTANT:** Carefully select the appropriate mode for the application. Discovery detectors can be set to a sensitivity mode best suited for the application. Discovery gives you total reassurance in installations where adaptability to changing conditions and protection against unwanted alarms are paramount.

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