



## XP95 INTELLIGENT OPEN AREA ALARM DEVICES

A Fire System Compatible Device

PDS205-0100

### Features

- Three Tone settings, selectable by DIP switch setting Australian (AS1670-4), New Zealand (NZS4512) and Europe (EN54-3)
- Two volume settings (88dBa and 96dBa) selectable by DIP switch
- Synchronisation of tones and flashes
- Red, White and Clear options
- Supported protocols XP95 and Discovery
- Individual and Group addressing
- IP65 weather proof (deep base units) for indoor or outdoor use (supplied with sealing O-ring)
- Quick connect/disconnect with Device locking facility
- Complete with isolating base

### Description

The XP95 Intelligent Open Area Alarm Devices are loop powered, wall mounted devices which can be connected to the *FireFinder* and *LoopSense* range of Fire Detection panels.

The range comprises of sounders, beacons and sounder beacons, all designed to fit to a common mounting base.

Simple 'twist and click' insertion avoids wiring and connection problems.

The beacon is activated whenever the sounder is active and cannot be controlled separately. The Sounder Beacon is supplied with an Isolating Base. A yellow LED is illuminated if a short circuit is detected. Alternatively stand alone sounders or beacons mechanically identical to the Sounder Beacon are available.

The Sounder offers synchronisation of continuous and pulsed tones. This ensures the integrity of the alert signals – tones from different sounders do not merge into one signal that could be mistaken for an Evacuate signal.

The Sounder also offers the choice of selecting three different tones Australian (AS1670-4), New Zealand (NZS4512) and Europe (EN54-3).

The *FireFinder* and *LoopSense* range of Fire Detection panel will be able to drive up to 20 sounders and up to 15 sounder beacons. The Apollo Loop Calculator should be used to determine the correct numbers.

### Applications

- Fire
- Security
- Industrial
- Railway/Marine
- Hazardous Areas
- Public Warning



Figure 1 205-0100 (Sounder)

### Specifications

<b>Operating voltage</b>	17 – 28 Vd.c.
<b>Current drain</b> Switch on surge Quiescent Operating	<1.2mA <310uA 8mA Sounder Beacon 5mA Sounder Only 3.1mA Beacon Only
<b>Flash Frequency</b>	Selectable (temporal and 1Hz)
<b>Sounder O/P Level</b>	Selectable (88dBa and 96dBa) ±3dBa
<b>Operating Temp</b>	-10°C to +55°C
<b>Material –</b> Base Lens	High Impact Polycarbonate Flame Retardant Polycarbonate
<b>IP Rating Deep</b>	IP65
<b>Colour Base</b> <b>Colour Lens</b>	Red and White Red and Clear
<b>Dimensions (mm)</b>	
Sounder Beacon plus Base	67mm (H) x 97.5mm (DIA) 104mm (H) x 97.5mm (DIA)
<b>Weight</b> Sounder Sounder Beacon Beacon	225g 260g 205g
<b>Approvals</b>	C-tick

### Item Numbers

<b>Sounder (Stand alone Red)</b>	205-0100
<b>Beacon (Stand alone Red Lens)</b>	208-0100
<b>Sounder Beacon (Red Lens)</b>	205-0102
<b>Sounder (Stand alone White)</b>	205-0101
<b>Beacon (Stand alone Clear Lens / White Base)</b>	208-0101
<b>Sounder Beacon (Clear Lens / White Base)</b>	205-0103
<b>Strobe Sign Plate "FIRE"</b>	207-0042



**Figure 2 205-0102 (Sounder Beacon)**



**Figure 5 205-0103 (Sounder Beacon)**



**Figure 3 208-0100 (Beacon)**



**Figure 6 208-0101 (Beacon)**



**Figure 4 205-0101 (Sounder)**