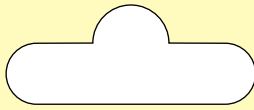


Please keep these instructions carefully



180° Multi-PIR WALL SENSOR DETECTOR

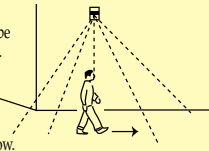
The Wall Sensor Detector (180°) can only be used in conjunction with the SL055 Multi-PIR Sensor Switch (maximum 8 detectors - 4 each zone) to extend detection coverage. Each sensor detector can be sited up to 50 metres away from the controlling switch.

The SL099 can also be used with the now discontinued SL05 where a maximum of 4 sensor detectors can be connected.

INSTALLATION SHOULD BE CARRIED OUT BY A COMPETENT DIY PERSON. IF IN DOUBT CONSULT A QUALIFIED ELECTRICIAN. PLEASE READ INSTRUCTIONS THOROUGHLY BEFORE COMMENCING WORK. SAFETY: THE ELECTRICITY SUPPLY MUST BE DISCONNECTED WHILST CARRYING OUT THE INSTALLATION.

Siting

The Wall Sensor Detector should be mounted at a height of 2.5 metres. At this height the sensor can be adjusted within minimum and maximum settings as shown in detection range opposite. Refer to Adjusting Detection Range below. Maximum sensitivity is achieved when movement of people is past the detector rather than movement directly towards or away from it (see diagram above).



False Alarms

It may also respond to cars, animals, central heating flues, cold moving objects against a warmer background (eg swaying trees in front of a warm wall).

Fixing Sensor Detector To The Wall

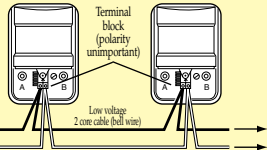
- Unscrew and pull off front cover.
- Mark fixing holes A & B and drill holes.
- Fix unit to the wall using 2 x No. 8 1.5" (40mm) screws and wallplugs (not supplied).
- Replace front cover on completion of wiring and walk testing.

Wiring

All wall sensor detectors should be wired in parallel back to the controlling switch - to terminals marked zone 1 and zone 2 on the SL055 Multi-PIR Sensor Switch or to terminals marked A and B on the SL05 (polarity is not important in either case). A low voltage 2 core cable (bell wire) can be used. For convenience wiring may be looped from one detector to the next, alternatively a junction box may be used.

Cable Plan

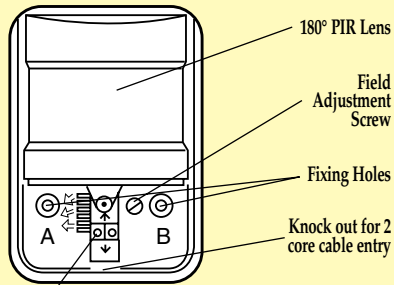
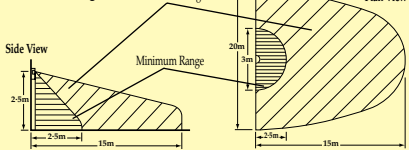
Route 2 core cable through case knock out into terminal blocks and tighten terminal screws. (Cable knock out on front cover).



Adjusting Detection Range

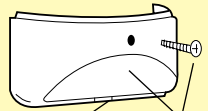
- Unscrew and pull off front cover.
- Loosen field adjustment screw.
- Using terminal block slide up or down into position
Up = Minimum setting at 2.5 metres 180°
Down = Maximum setting at 15 metres 180°
See above for detection range.
- Once the range is established lock the terminal block into position by tightening the field adjustment screw.
- Replace front cover and secure with cover screw.

Detection Range



Terminal block slides up and down to adjust detection range

Up = Minimum Setting
Down = Maximum Setting

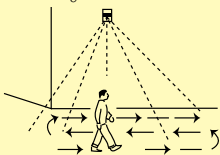


Knock out for 2 core cable entry
Front Cover & Screw

Walk Testing

Before commencing the walk test the controlling switch light level and light on time controls need adjusting. Turn the light level adjuster to (+) setting and light on time adjuster to (-) setting. Switch on the mains electricity supply to the controlling switch and wait 20 seconds for the unit to stabilise

SL055 Maximum 8 Sensor Detectors (4 each zone)



Starting at a distance greater than 15 metres from the Wall Sensor Detector walk across the front of the unit gradually moving closer. Note the position where detection occurs. The light will remain on for approximately 3 seconds. Continue this pattern to establish the full extent of coverage.

Reset the light level and light on time controls on the controlling switch. Commissioning is now complete.

Specifications

Operating Voltage:	Safety extra low voltage (can only be used with the SL055 or the now discontinued SL05)
Weatherproof Rating:	IP54
Forward Detection Range:	15m (minimum at 20°C)
Angle of Detection:	180°
Conforms to Directives:	73/23/EEC & 89/336/EEC

FIVE YEAR



GUARANTEE

5 Year Guarantee

In the unlikely event of this product becoming faulty, due to defective material or manufacture, within 5 years of the date of purchase, please return it to your supplier with proof of purchase and it will be replaced free of charge. Should you encounter any difficulty please contact our helpline on 020 8450 0515

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Helpline

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