

INSTALLATION SHEET

PART NO. 770 850

ISSUE 3

Part Numbers

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|---------|---------------------------|---------------|
| 770 001 | Transmitter Detector (TX) | 2100mm height |
| 770 002 | Receiver Detector (RX) | 2100mm height |

Bill of Materials for fixing kit for Pana40 Plus 3D detector - per Detector

| | | | |
|---------|----------------------|---------|--|
| 011 040 | Earth Shield 1 off | 011 009 | Drilling Template 1 off |
| 006 042 | Fixing Bracket 5 off | 055 223 | Fixing/Locking Screw No 8x12 long 25 off |
| 006 043 | End Plate 1 off | 001 048 | P-Clips 5 off |
| | | 001 069 | Grommet 1 off |
| | | 057 018 | M4 Spring Washers 5 off |

Introduction

The standard Pana40 Plus 3D detectors must be fitted flush with the door edge. This is to allow the infra-red light for 3D operation to project into the landing.

IMPORTANT: The detectors must be installed level with the sill, be set no more than 10mm apart when the doors are fully closed and aligned within $\pm 8\text{mm}$ of the detector's centre line. This is to ensure reliable operation of the 3D self-test that is performed when the doors have closed.

The Model 770 detectors are handed; ensure that the yellow arrow is facing the landing on installation. The TX detector should be mounted on the left and the RX on the right when viewed from the landing.

Installation

Install the detector flush with the door edge, use the drill plate provided, Fig 1. Mark 5 holes, the bottom hole as shown in Fig 1 and the top hole approximately 1950mm above the sill. The other 3 holes should be spaced at approximately equal intervals between the top and bottom holes. Drill the 5 holes 3.5mm in diameter. Continue by fitting the end plate to one of the 5 brackets provided as shown in Fig 2. Slide/slot the 5 brackets into the aluminium channel. Place the detector onto the door, positioning the 5 brackets over the previously drilled holes. Loosely screw the fixing brackets to the door, ensuring the earthing bracket is installed as in Fig 3 to any one of the brackets. Adjust the detector to the required position and tighten the fixing/locking screws. Push the detector cable into slots on the fixing blocks and plug in the extension cable. Fit the grommet into the earth shield and pass the extension cable through the grommet as in Fig 4. Slide the earthing shield into the groove of the plastic cover, Fig 5. Drill 4 holes 3.5mm in diameter through the earth shield and into the door at even spacing. Using the screws provided, secure the earth shield to door.

