orbis™

Detector Head Installation Guide

1. After installing all the bases and testing for continuity, select 'walk test' (if not available, then other appropriate mode) on the control panel and switch on the power to the zone.

2. Fit a detector* to the first base. If the wiring is connected in the correct polarity the detector LED will flash red once per second for four minutes. While the LED is flashing a smoke or heat test of the detector may be carried out. A successful test will result in an alarm signal and a constant red LED. If the panel is not designed to reset the zone automatically, it should be reset manually.

    If the power supply is interrupted the red LED will flash again for 4 minutes on restoration of power.

3. Proceed to the next base and carry out the same procedure. Repeat until all detectors have been fitted to the zone.
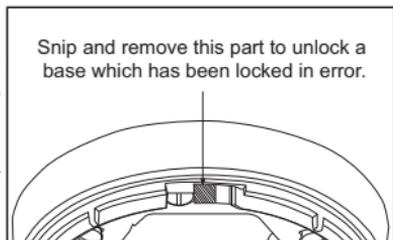
Snip and remove this part to unlock a base which has been locked in error.

Fig 1 Orbis locking mechanism

4. If the detector LED fails to flash check the wiring and power to the detector. If no fault is found the detector itself should be tested for function.

5. It is also possible to fit all detectors in the zone before switching on the power and then simply walking the zone to check that the red LEDs are flashing. If this cannot be completed within 4 minutes, simply remove a detector from its base and replace it to re-initiate StartUp.

Unlocking the Detector

If the detector is locked, it can be unlocked from the base inserting a 1.5mm hexagonal driver (part no 29600-095) into the small hole on the detector face and gently levering the handle of the driver outward whilst rotating the detector anti-clockwise.

If the locking mechanism of the Orbis TimeSaver base has been activated in error the base may be converted back to a non-locking base by removing the detector and cutting out the small portion of plastic marked with a cross-hatch in *Fig 1*. It is now permanently a non-locking base.

Technical Data

Supply voltage	8.5V to 33V dc
Quiescent current	100µA dc
Alarm current	44mA at 24V
Operating temperature	−40°C to +70°C

For technical data refer to Product Guide PP2147 held by manufacturer.