

Commissioning and Maintenance

Fit all detector heads before switching on power. Commission in accordance with BS 5839 Part 1 or any applicable code.

Routine maintenance should be carried out in accordance with any local code such as BS 5839 Part 1.

Compatible Series 60/Series 65 Bases

The Orbis Adaptor is compatible with the following Series 60 and Series 65 bases.

Series 60/Series 65 Bases	Part nos
Standard Base	45681-200
Diode Base	45681-201
Low Profile Relay Base	45681-360
Sav-Wire Base	45681-206
Zener Base	45681-350

Incompatible Series 65 Bases

The Orbis Adaptor is incompatible with the following Series 65 bases.

Standard Relay Base	45681-245
Auxiliary Relay Base	45681-246
EOL Relay Base (9–18V DC)	45681-247
EOL Relay Base (16–33V DC)	45681-248

Orbis Intrinsically Safe Adaptor

This adaptor is compatible *only* with the Series 60 Intrinsically Safe Base, part no 45681-207.

orbis™ Adaptor Installation Guide

General

The Orbis Adaptor allows Orbis detectors to be fitted to an existing Series 60 or Series 65 base. No rewiring of the existing fire system is required. For a list of compatible Series 60/Series 65 bases, please refer to the table overleaf.

The Orbis Adaptor cannot be fitted to a Series 60 or Series 65 base without first having an Orbis detector head fitted to the adaptor.

When an Orbis detector head is fitted into the adaptor, it forms a detector/adaptor assembly. To lock this assembly to the existing base, the tab shown in **Fig 1** should be removed.

The Orbis Adaptor does not have a continuity link.

Fitting the Orbis Adaptor

1. Isolate or de-power the circuit or zone to which the Series 60/Series 65 detectors to be changed are fitted.
2. Remove Series 60/Series 65 detector from its base, unlocking it with a 1.5mm AF hex driver if required.
3. Fit an Orbis detector to the adaptor to create a detector/adaptor assembly.
4. The assembly can be locked to the existing base by means of the removable tab on the underside of the assembly as shown in Fig 1.
5. Fit the assembly to the Series 60/Series 65 base.
6. De-isolate or re-power the circuit or zone.
7. Commission the detector in accordance with any local code.

Note: Details of the commissioning features for Orbis can be found in the Orbis detector installation guide, part no 39214-211. For Orbis IS systems refer to Orbis Intrinsically Safe Base Wiring Guide, part no 39214-369.

Releasing the assembly from a Series 60/Series 65 Base

1. Twist the assembly anticlockwise to release it from the base.
2. If the assembly is locked to the Series 60/Series 65 base, unlock it by locating the slot in the adaptor moulding as shown in Fig 2. Then, using a small screwdriver in the slot, gently lever the locking mechanism toward the Series 60/Series 65 base whilst twisting the assembly anticlockwise.

Unlocking the Detector Head from the Adaptor

1. Remove the assembly from the Series 60/Series 65 base (as described above).
2. Locate the locking tab on the back of the adaptor shown in Fig 3.
3. Using a small, flat-head screwdriver, gently lift up the locking tab and twist the adaptor in an anti-clockwise direction to separate the detector head and adaptor. (See Fig 4).

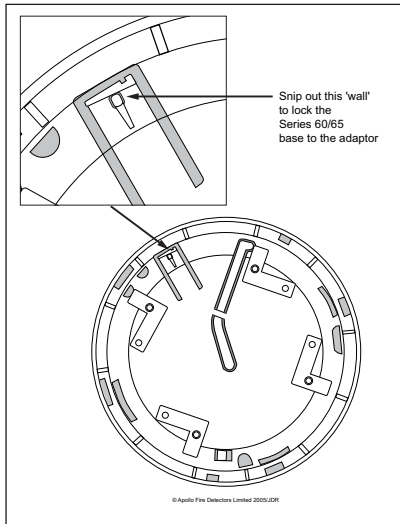


Fig 1 Location of locking wall

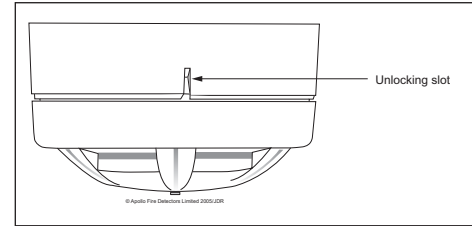


Fig 2 Location of the unlocking slot

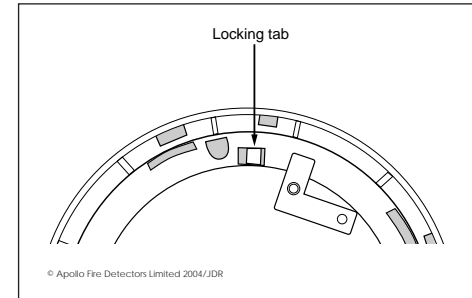


Fig 3 Position of locking tab

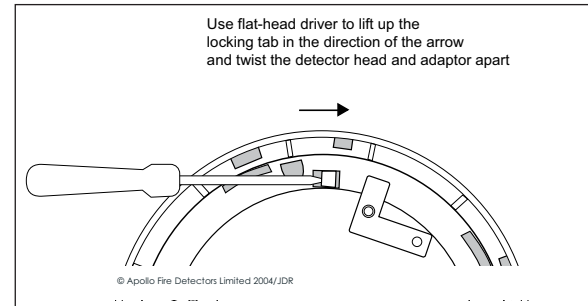


Fig 4 How to unlock the Orbis Adaptor