CTA Time Saver

Generation 6 MX
Detection Range

Features
- Quick and easy to install
- Reduce installation time by up to 30%
- Allows detector commissioning and testing before ceiling installation
- Reduce installer injury risk

Specifications
- Dimensions (H x Dia): 52 x 165 mm, 8 x 111 mm
- Weight: Adaptor 232g, Adaptor Plate 40g
- Ceiling Cutout: 127mm (30mm max. tile)
- Material: Flame Retardant ABS
- Colour: White
- Ambient Temperature: –25°C to +70°C
- Storage Temperature: –40°C to +80°C
- Relative Humidity: 10% to 95% (non cond.)
- Part Numbers:
  - 517.050.060 Ceiling Tile Adaptor Kit
  - 517.050.056 Ceiling Tile Adaptor Back Box
  - 517.050.057 Ceiling Tile Adaptor Bezel and Clamp
  - 517.050.058 Ceiling Tile Adaptor Plate

Description
The Ceiling Tile Adaptor (CTA) is used to prepare a ceiling tile to be able to accept a complete base and detector assembly. It comprises a Bezel (1), Clamp (2) and Back Box (3). Traditionally the detector base (4) is installed without the detector head (5), as mounting screws must be inserted through the back plate of the base. The CTA can save time by allowing a system to be installed and commissioned before the ceiling (6) is installed. Once the ceiling is installed the base and detector assembly can be pulled into place without the need for disassembly and re-testing.

The adaptor can be ordered as a complete kit or as individual items (clamping rings and back box). Full details are provided in the leaflet packaged with the adaptor kit.

The Ceiling Tile Adaptor Plate is used when a beacon base or sounder base is fixed to the Ceiling Tile Adaptor Back Box.
Fixing
The Ceiling Tile Adaptor allows for a convenient two-stage installation.
The electrical installation is carried out by the fire alarm system installer. The detector is pre-fitted to the base and commissioned. The detector assembly can remain suitably supported, with dust cover fitted, until the suspended ceiling is fitted.

installation
The detector wiring is fed through a 20 or 25mm cable gland and the corresponding knock-out in the back box to the detector base. With the detector base wired to the alarm system, the Ceiling Tile Adaptor back box is connected to the detector base with a simple snap-fit.

Sounder Base
Where a sounder base is required, an Adaptor Plate must be used (ordered separately). First clip the adaptor plate to the back box, then secure the mounting flange of the sounder base to the back box.

Snapping the detector base to the CTA Box
Pull the detector and back box assembly through the cutout into position on the ceiling tile

The ceiling installation can be completed by the ceiling installer, without disturbing the detector assembly. As the ceiling installation does not require the separation of the detector from the base, the pre-commissioning remains valid.