

INSTALLATION ISTRUCTION FOR MI-B501AP (-IV, -BK)

GENERAL DESCRIPTION

These bases are designed for use with all Morley Advanced intelligent ranges of sensors and their variants (**Note:** The standard MI-B501AP is white, an IV suffix indicates the base is ivory in colour, a BK suffix indicates the base is black. Please refer to the control panel manufacturer for compatibility information.

INSTALLATION

Mounting

The sensor base should be mounted using pan headed screws, with a maximum diameter of 4mm, and with a maximum head diameter of 8mm. If required, suitable junction boxes may be used. Standard mounting hole centres are 60mm, however the MI-B501AP offers from 50mm to 60mm.

The MI-B501AP features knock-outs in the side of the base to allow the access of surface mounted cabling. Match the markings on the knock-outs to ensure perpendicular or opposed points (either blank or marked I or II).

Wiring

All wiring should be installed in compliance with local codes and standards, and the authority having jurisdiction.

The base terminals are designed to accept cables with cross sectional areas between 0.75mm² and 2.5mm². Reference should always be made to the control panel specifications for acceptable cable parameters.

Note: To ensure supervision of contacts, the wire run must be broken. Do not loop the wire under the terminals.

See diagrams opposite for wiring details.

Tamper Resist Feature

B500 bases also include a tamper resist feature, which when activated prevents removal of the sensor head without the use of a tool.

To activate this feature, break off the tab on the base prior to installing the sensor (figure 1a). To remove the sensor once this tamper resist is activated, place a small bladed screwdriver into the slot on the side of the base, push the lever away from the sensor and rotate the sensor anti clockwise (see figure 1b).

Note: Do not activate the feature if a head removal tool is to be used; this feature is not reversible without damaging the base.

Figure 1a: Activation of Tamper Resist Feature

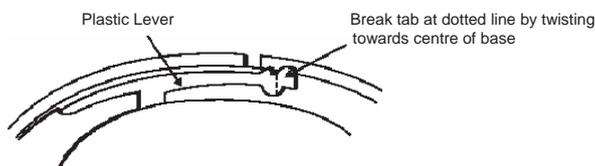
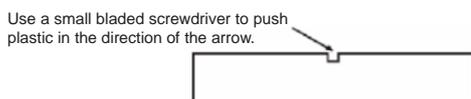


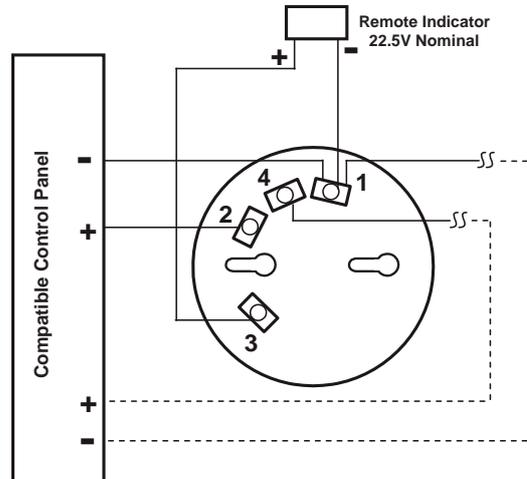
Figure 1b: Removing Sensor Head From Base



MI-B501AP (-IV, -BK) BASE

If the sensor address needs to be visible without the removal of the sensor head, break off the address tag from inside the base and place in the slot on the outside of the base as required.

The tamper resist tab is located in the wall of the base between terminals 2 and 4



Terminal 1: Loop (-) In and Out and Remote Annunciator (-)

Terminal 4: Loop (+) Out

Terminal 2: Loop (+) In

Terminal 3: Remote Annunciator (+)