

# Technical Bulletin

## MIOU Address Programming

## TB 1010

The Kentec Multiple Input/Output Unit (MIOU) offers a convenient, compact and cost effective method of transmitting and receiving signals via an analogue addressable Hochiki ESP communications loop.

The MIOU is currently compatible with the Kentec Syncro & Solo control panels (Hochiki variants) only. For further information on the MIOU, see Kentec datasheet DS21.

The MIOU uses a single system address and 16 sub addresses. The system address is programmed into EEPROM memory on the MIOU, using the Hochiki ASX Address Programmer (Hochiki part number TCH-B100).

### Programming Method

1. Ensure a 24 volt d.c. supply is present on the MIOU power terminals.
2. Ensure that there is no loop wiring connected to the MIOU loop terminals
3. Connect the ASX Programmer remote programming lead to the MIOU loop terminals - ensure correct polarity (Red clip = Loop +ve, Black clip = Loop -ve).
4. Press the ASX Programmer Left (grey) Key to switch on power to the programmer.
5. Upon initialisation, confirm that the factory-programmed address of the MIOU is shown on the ASX Programmer LED display.
6. Use the Left (grey) Key to increment the address in the LED display in steps of 10 and the Right (grey) Key to increment the address in steps of 1.
7. When the desired address is reached, press the ASX programmer Middle (red) Key to store the set address in the MIOU. When set, the three dots in the ASX programmer LED display will go from "flashing" to "off". The MIOU will now be programmed to the required address.

### Error Messages

If the ASX reports an error message upon initialisation, there are a number of possible causes:

1. No 24 volt supply present on the MIOU.
2. Incorrect polarity connection of the ASX programmer lead
3. Other devices connected to the loop input of the MIOU when attempting to program.
4. Poor lead connection between ASX programmer and MIOU loop terminals.