

# *Nexus 1-8 Loop (A1557)*

## *Analogue Addressable Control Panel*

### *User Instructions*

**Note:** *You must turn the ACCESS CONTROLS keyswitch from 0 to 1 before you can operate any controls*

#### **Fire**

The RED main fire LED and - if a zonal display is fitted - the zonal fire indicator will pulse, the alarms will sound and the internal buzzer will operate. The LCD display will indicate the exact location of the device.

Locate the source of the fire (an LED will be visible on the detector which has been activated).

To silence the alarms, turn the keyswitch from 0 to 1 and press SILENCE ALARMS. The alarms will silence and the RED LEDs will change to a steady illumination.

When the fire has been extinguished, press SYSTEM RESET. Should the system have activated for no apparent reason, please note which detector has been activated before pressing the SYSTEM RESET button and contact your service engineer.

If necessary, the alarms can be resounded by pressing EVACUATE. To silence the alarms during an evacuate condition, press SILENCE ALARMS. To clear fire indication, press RESET.

A second alarm condition will re-initiate a full alarm condition. The LCD display will then show the location of the second device operated. Any further device operations will cause the MORE MESSAGES LED to flash. Press the SCROLL MESSAGES button to reveal locations.

#### **Fault**

Call your service engineer immediately.

The fault buzzer will sound and the appropriate fault LED will pulse. The LCD display will also indicate fault details. Press SILENCE BUZZER to silence the fault buzzer. When the fault condition has cleared, press RESET FAULTS.

**WARNING:** *This equipment contains dangerous voltages. To prevent electric shock, do not open the panel door. No user-serviceable parts inside - for servicing, contact suitably qualified personnel.*

#### **Evacuate**

When the panel is in standby (normal) mode, the alarms may be sounded by pressing EVACUATE. Press SILENCE ALARMS and RESET SYSTEM to return the panel to standby.

#### **Override Delay**

When a fire alarm occurs and the Delay On LED is flashing, the fire alarm sounders will not operate until the time delay has timed out. To override this time delay, press the button marked Override Delay.

## Test Display

The TEST DISPLAY button should be operated every week as part of the system test routine for checking correct operation of the LCD display, panel buzzer and LEDs. Press momentarily to operate.

## Test Routine

This should be carried out in accordance with BS5839 Part 1. Refer to Fire Alarm System Logbook.

## User Facilities

**Note: You must turn the keyswitch from 0 to 1 before you can operate any controls**

The following user facilities are available via the Engineer's Menu screen.

### (i) Level 1 Access Code 1278

1:SET TIME/DATE

2:ISOLATE DEVICES Single device, range, all (de-isolate only), status

3:EDIT DEV/LOGO TEXT Via PC or special QWERTY keyboard

### (ii) Accessing Engineer's Menu

Step 1 - Press (4) ENGINEER to reveal the following:

```
0 9 : 0 4 : 2 6
P a n e l   N a m e
-----
ENTER CODE , PRESS *
```

Step 2 - Press Engineer's code (1) (2) (7) (8) and then (\*) to reveal the following:

```
SELECT LEVEL 1 OPTION
1 : SET TIME / DATE
2 : ISOLATE DEVICES
* NEXT PAGE # QUIT
```

Step 3 - Press (\*) to scroll through the Engineer's Menu.

**NOTE: No facility is accessible unless it is shown on-screen.**

Step 4 - Select the required engineer's facility by pressing the corresponding number button.

### (iii) Setting Time & Date

At Step 4 within the Engineer's Menu (see section ii above), select 1:SET TIME/DATE.

```
SELECT LEVEL 1 OPTION
ENTER TIME h h m m s s
# BACKSPACE * ENTER
```

Time is entered as two digits for each of the hours, minutes and seconds; eg 8am is 08:00:00. The clock starts, at the time set, when the **\*** ENTER key is pressed. The date may then be entered as two digits for each of the day, month and year for example, the 3rd of August 1997 is 03:08:97. It is not necessary to press the ENTER key after entering the date, the system automatically returns to normal operation.

**(iv) Isolate**

At Step 4 within the Engineer's Menu (see section ii above), select 2:ISOLATE DEVICES.

Within this sub-menu, the following four options are available. Use the **\*** to view these options (if not currently displayed). Select the required option by pressing the corresponding number button and then follow the on-screen instructions for each option.

ISOLATION FACILITY		Enables the engineer to isolate/de-isolate loop devices
1 .	SENSORS	
2 .	PANEL INPUTS	
*.	NXT PAGE #	Enables engineer to isolate/de-isolate programmable panel inputs
	QUIT	

To select next page (printer isolate)

Selecting Option 1. SENSORS reveals the following screen:

SENSOR ISO / DE - ISO		Enables the engineer to isolate/de-isolate a range of devices
1 .	SINGLE	2 . RANGE
3 .	READ	4 . DEIS ALL
#	=	QUIT

Enables the engineer to isolate/de-isolate a single device

Enables the engineer to view the devices isolated

Within options 1 and 2 above of the Sensor Iso/Deiso screen, follow the on-screen instructions to enter loop and sensor number(s). Press **\*** ENTER at each stage. After entering loop and sensor (or range of sensors), a screen similar to the following will appear:

IDENTIFY DEVICE		Current Status
01 : 001	DE - ISOLATED	
1 .	ISO	2 . DE - ISO
#	=	QUIT

Loop & device number

Press 1 to isolate

Press 2 to de-isolate

Selecting Option 2 . PANEL INPUTS on the ISOLATION FACILITY screen accesses a screen for single, range or read options. After selecting single or range as appropriate and entering the input number (s), followed by **\*** ENTER, the following screen is revealed:

IDENTIFY INPUT		Current Status
INPUT 001	DEISOLATED	
1 .	ISO	2 . DE - ISO
#	=	QUIT

Input number

Press 1 to isolate

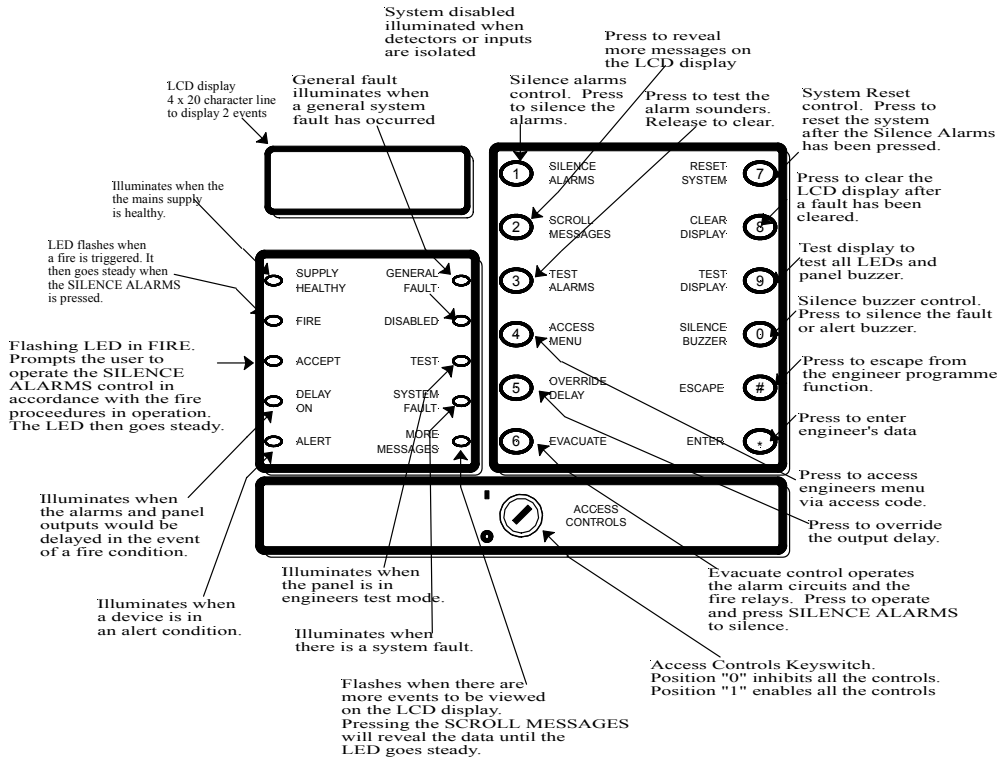
Press 2 to de-isolate

When any device is isolated, the DISABLED LED indicator on the panel will illuminate.

(v) **Edit**

This option is used to enter device location messages and to enter the company name of the installation. Text editing must be done using either the PC download facility or special keyboard. Please contact your system provider for details.

**User Controls and Indications**



**LCD Display Example**

