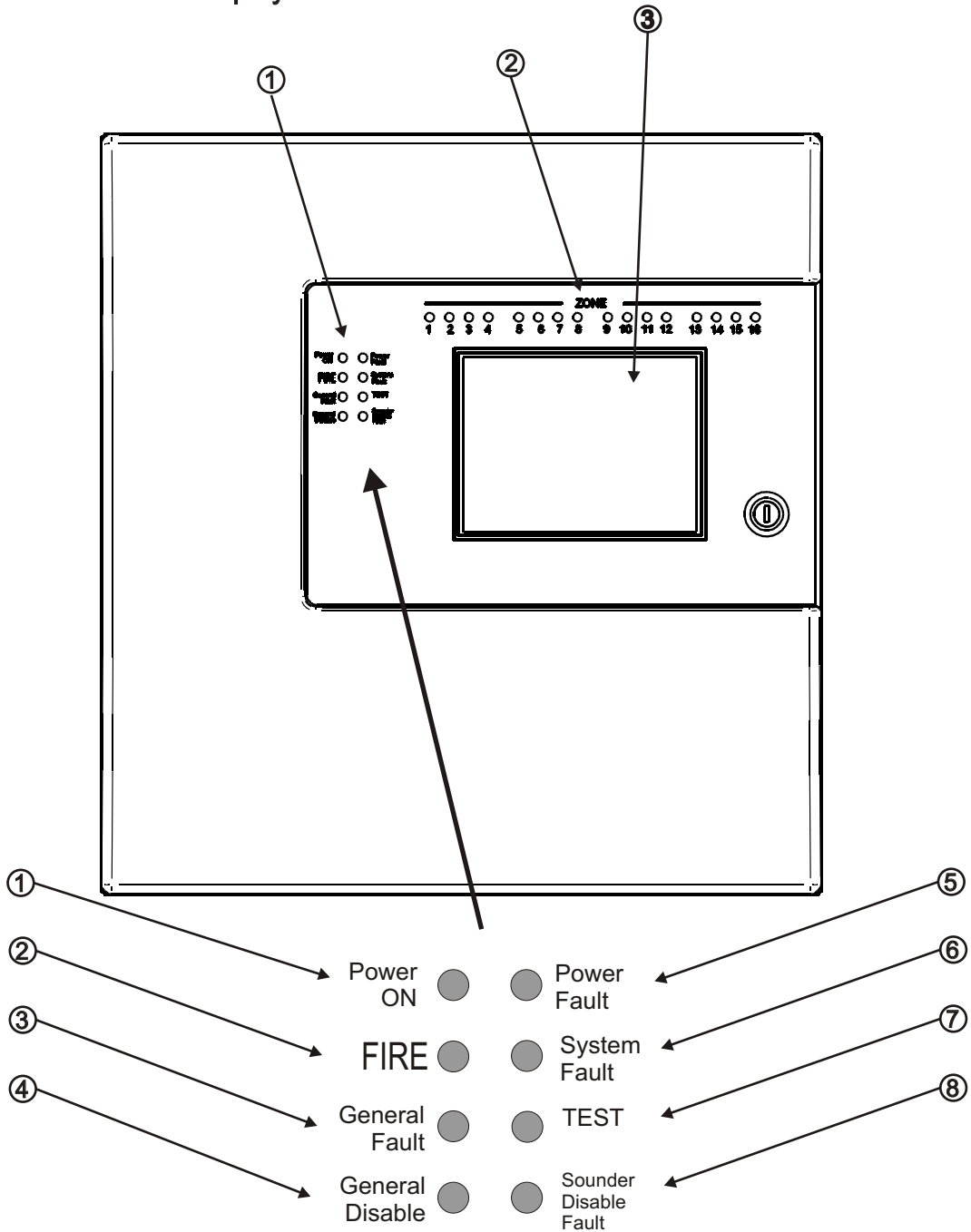


Panel Controls & Indicators

1. System LED's
2. Zonal LED's
3. Touch Screen Display



| LED | Name | Function | Action |
|-----|-----------------|---|---------------------------------|
| 1 | Power On | Shows Panel is On | Check Indicator is Illuminated |
| 2 | Fire | Indicates Panel has Detected a Fire | Implement Fire Action Procedure |
| 3 | General Fault | Monitors Devices for Faults e.g. Smoke detectors/Sounders | Report to System Supervisor |
| 4 | General Disable | Monitors Fire Panel for Faults | Report Fault to Service Dept |
| 5 | Power Fault | Monitor Internal Battery Charger | Report Fault to Service Dept |
| 6 | System Fault | Monitors Fire Panel for Faults | Report Fault to Service Dept |
| 7 | Test | Supervisor/Engineer is Testing the Systems | Report to System Supervisor |
| 8 | Sounder | Indicates the Sounder Status | Check with System Supervisor |

Touch Screen Display

| Supervisor | Fires | Pre Alarms | Faults | Disabled |
|---|-------|------------|--------|----------|
| FRE Off | 0 | 0 | 0 | 0 |
| System Healthy XX Zones Active | | | | |
| Tuesday dd-mm-yyyy | | | | |
| 16:25.25 BST On | | | | |

The Touch Screen is a multi-function display consisting 320x240 dots featuring high intensity backlighting. In normal operation, the display indicates as above with the backlighting off.

During an event on the system the display shows the FIRST EVENT and LAST EVENT plus other events as space allows.

The last 2 lines are normally used to display the total number of events, but they are also used for scrolling fire conditions, faults, pre alarms or disabled devices independently or for displaying a reduced menu when in fire condition.

When an event occurs the Touch Screen backlighting comes on unless there is a mains power supply fault.

Use the Touch Screen to scroll through all active events on the system by using the SCROLL UP and SCROLL DOWN buttons (available at access level 1). You can display the contents of the log and also view details of any fires, faults, pre-alarms, faults or disablements.. When displaying the system menu on the Touch Screen, the last 5 lines of the display are shown in reverse text.

Panel Operation

The Panel is operated via a backlit touch screen. The default fire screen is shown below. From this screen all the panels functions can be operated. The first time you touch the screen the backlight will illuminate the panel.

| Supervisor | Fires | Pre | Faults | Disabled |
|--|-------|----------|--------|----------|
| FRE Off | 0 | Alarms 0 | 0 | 0 |
| <p>System Healthy XX Zones Active</p> <p>Tuesday dd-mm-yyyy</p> <p>16:25.25 BST On</p> | | | | |

Pressing a field will highlight it and forward to the next screen as shown below.

Touch the screen here to view details

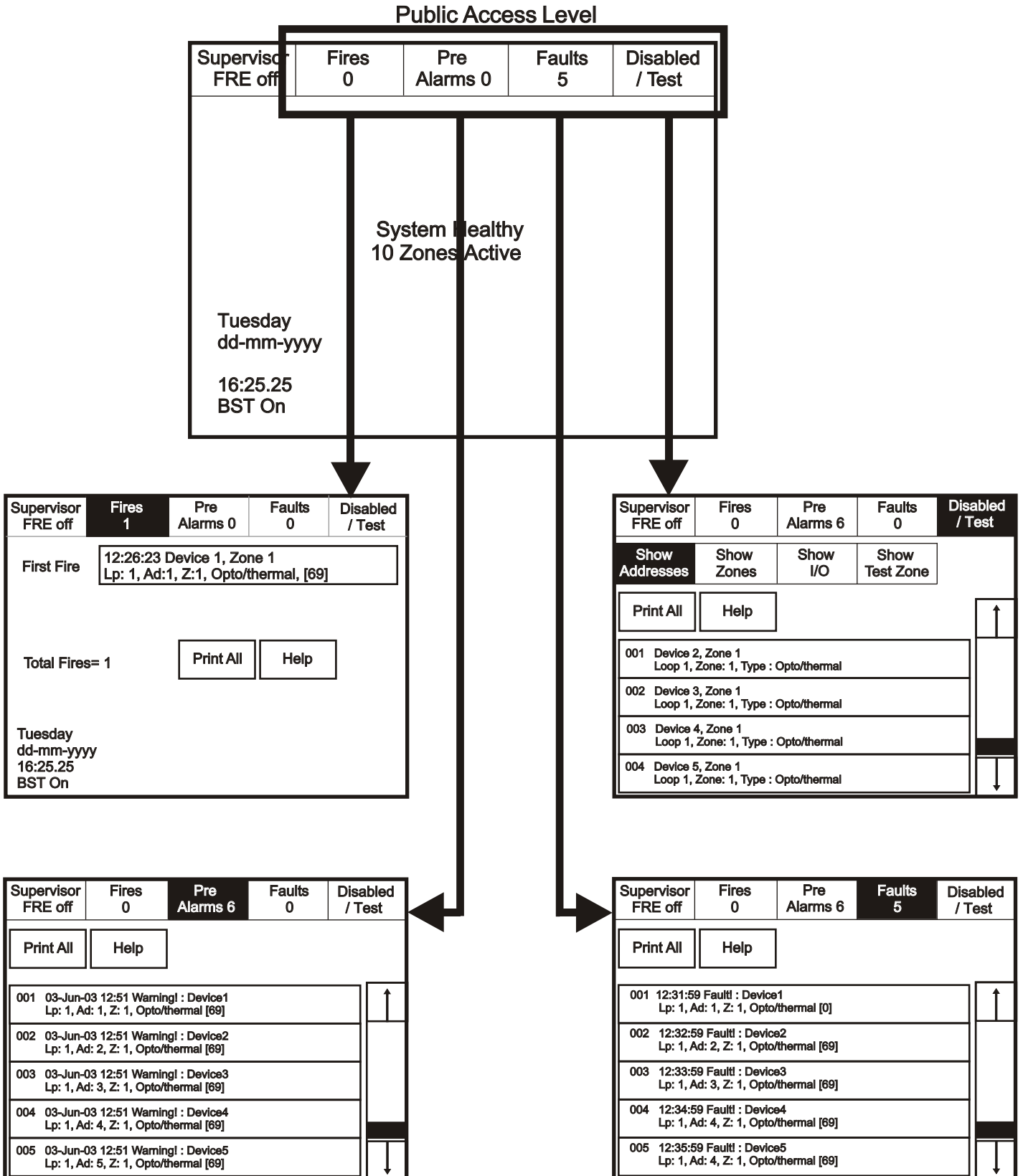
| Supervisor | Fires | Pre | Faults | Disabled |
|--|-------|----------|--------|----------|
| FRE Off | 1 | Alarms 0 | 0 | 0 |
| <p>System Healthy 10 Zones Active</p> <p>Tuesday dd-mm-yyyy</p> <p>16:25.25 BST On</p> | | | | |



| Supervisor | Fires | Pre | Faults | Disabled |
|--|--|----------|--------|----------|
| FRE Off | 1 | Alarms 0 | 0 | 0 |
| First Fire | Meeting Room 1, Building 1, 1st floor Loop: 1, Zone: 2, Type: Optical | | | |
| Total Fires= 1 | Print All | | Help | |
| 001 FIRE! Meeting Room 1, [Optical] (Ana = 169) Building 1, 1st floor, Panel 1, Loop1, device 4 | | | | |
| <p>Tuesday Dd-mmm-yyy 16:25.25 BST On</p> | | | | |

Public Access Level 1

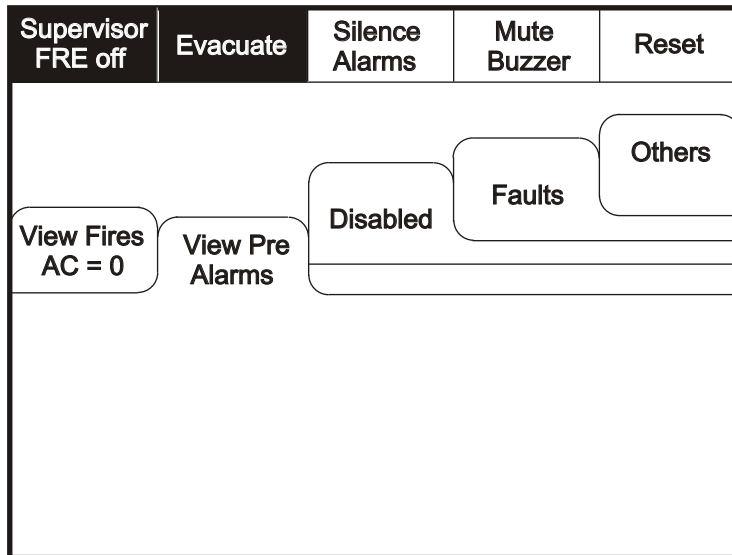
Public access level does not require an access code and allows anybody to review the functions outlined below.



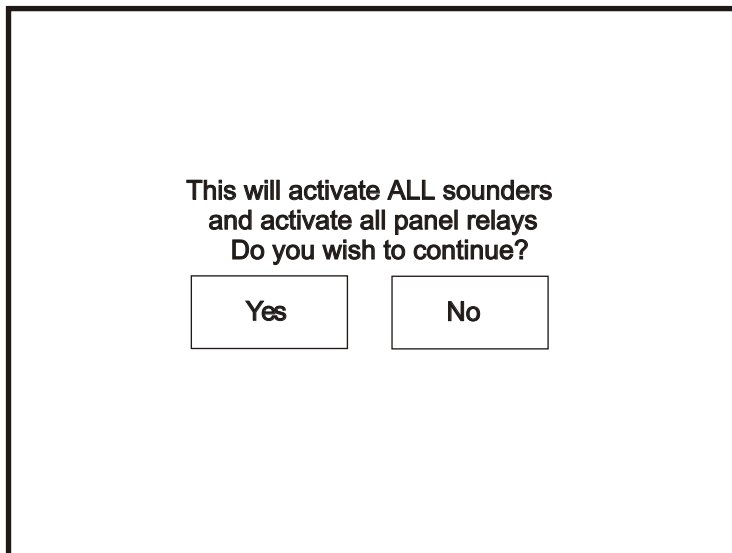
Evacuate (Access Level 2)

To activate the touch screen, touch the top left corner of the screen until the screen illuminates. To enter the supervisor mode touch the supervisor button and enter the passcode.

Enter the Supervisor Mode Passcode and select "Evacuate" on the menu at the top of the screen.



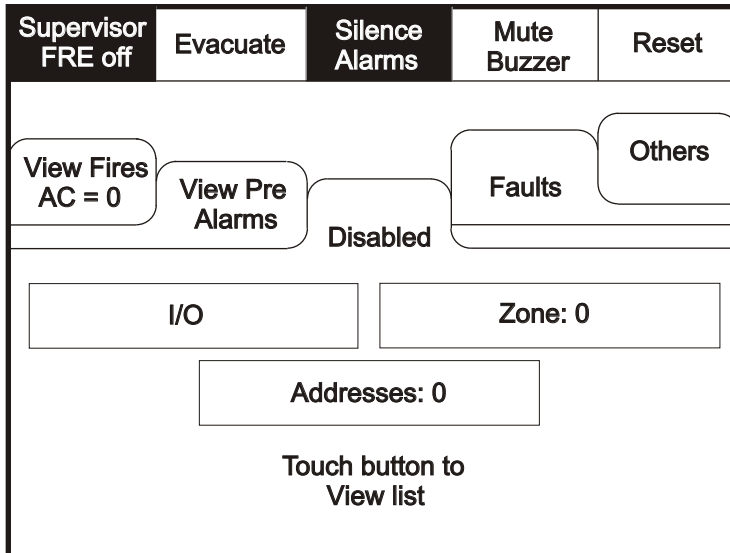
Select "Yes" to evacuate the building.



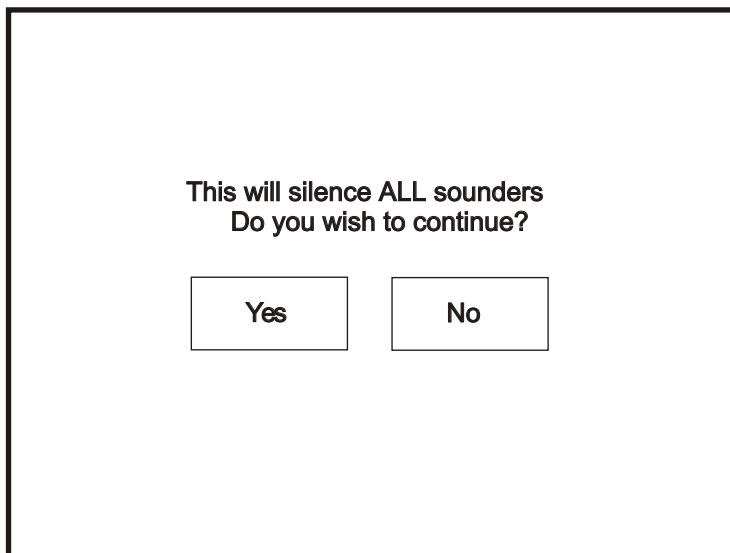
Silence Alarms

To activate the touch screen, touch the top left corner of the screen until the screen illuminates. To enter the supervisor mode touch the supervisor button and enter the passcode.

Enter the Supervisor Mode Passcode and select "Silence Alarms" button as the top of the screen.



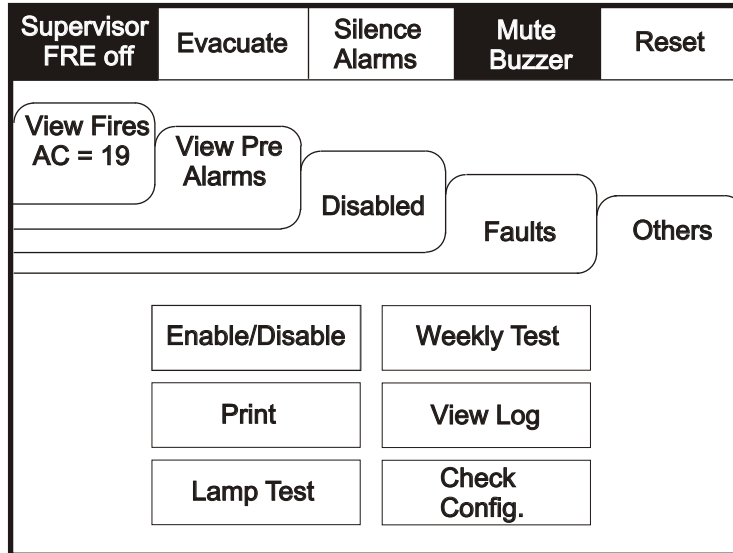
Select "yes" to silence Alarm.



Mute Buzzer

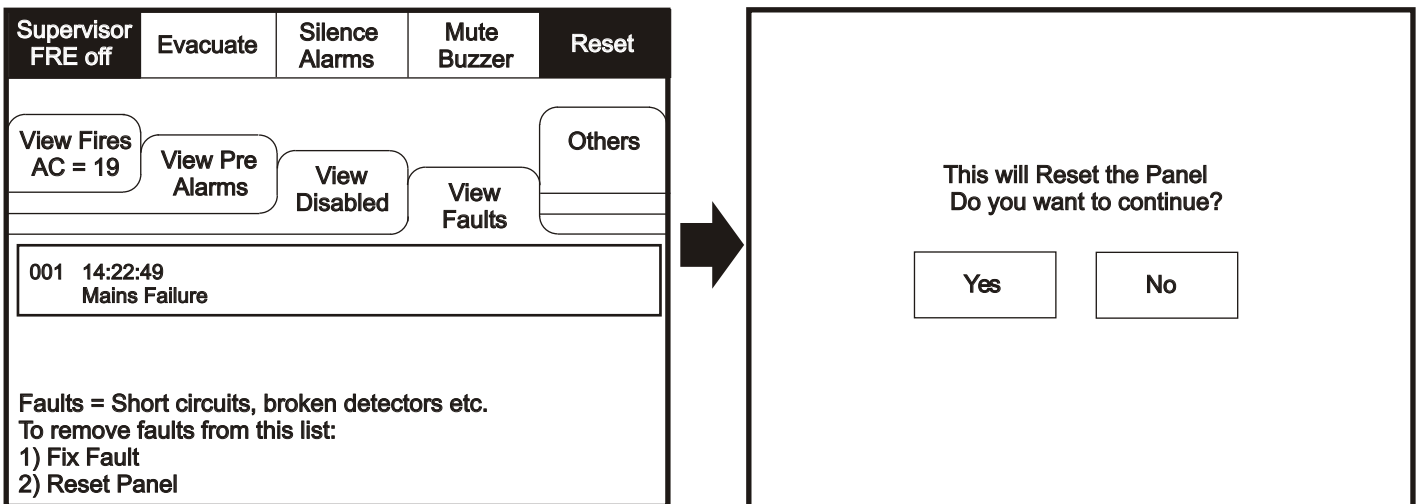
To activate the touch screen, touch the top left corner of the screen until the screen illuminates. To enter the supervisor mode touch the supervisor button and enter the passcode.

Enter the Supervisor Mode and Select "Mute Buzzer" from the Top Menu



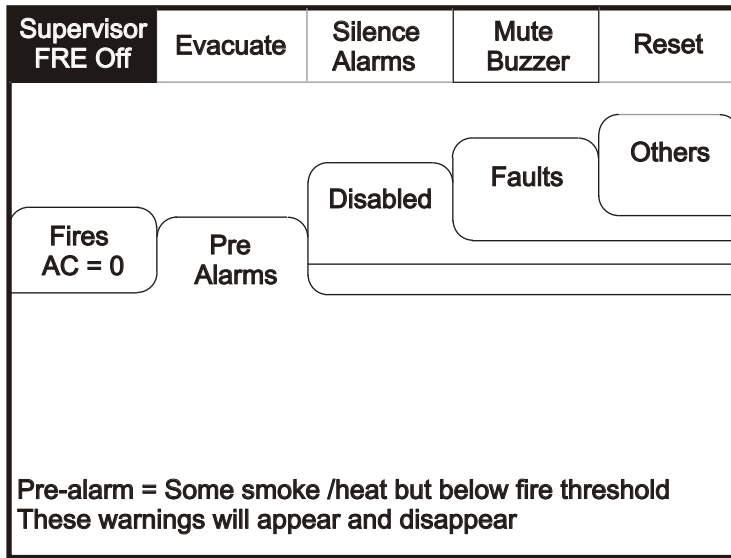
Reset

Enter the Supervisor Mode and Select "Reset" from the top Menu. Select "Yes" to reset the panel.



Pre-Alarms

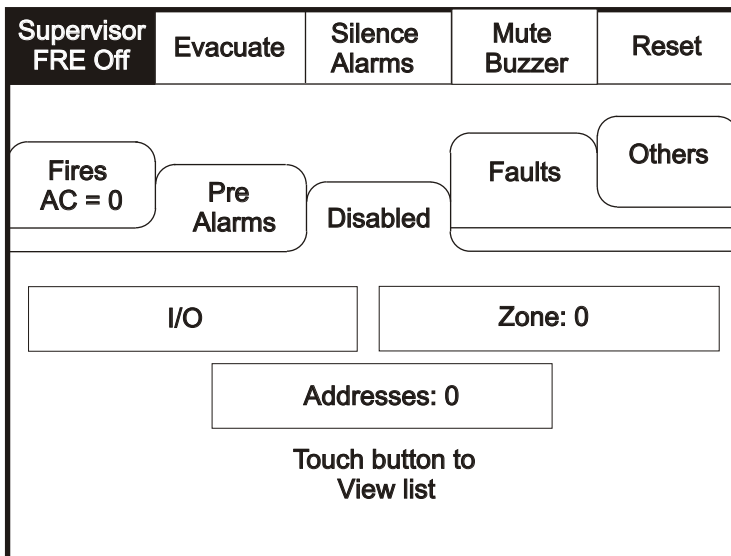
Enter the Supervisor Mode and Select “Pre-Alarms” tab.



A pre-alarm is shown when a detector appears to register heat or smoke but in a quantity that is insufficient to warrant an alarm. Pre-alarm may indicate a build up of dirt in a smoke detector which can be interpreted by the detector as smoke presence.

Disabled Devices

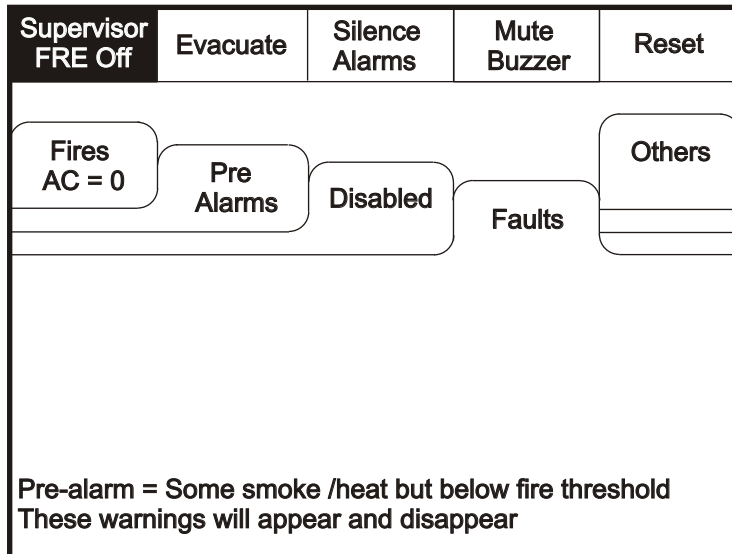
Enter the Supervisor mode and Select the “Disabled” tab.



The individual buttons show which devices and the number of devices which have been disabled. Press one of the buttons to display detailed information for a particular category

Faults

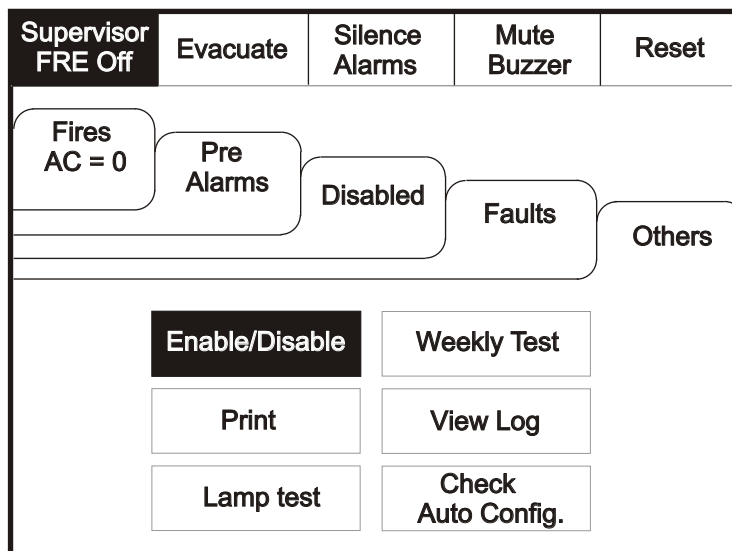
Enter Supervisor Mode Passcode and select "Faults" tab.



Enable/Disable (others Menu)

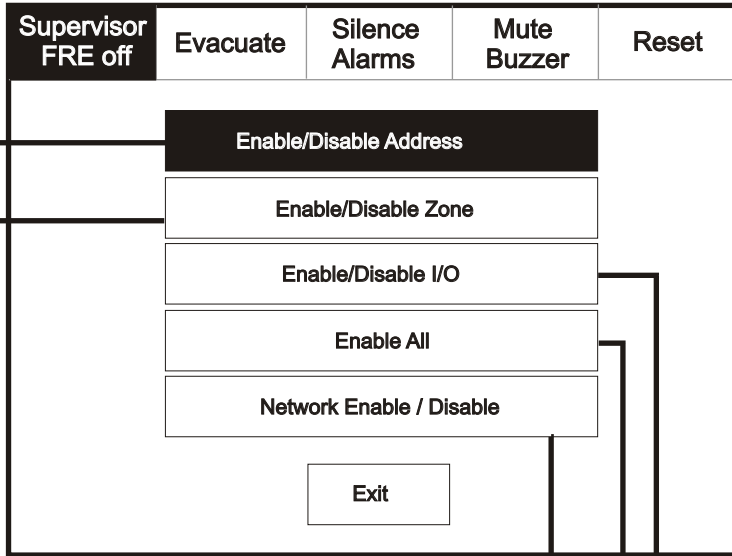
To activate the touch screen, touch the top left corner of the screen until the screen illuminates. To enter the supervisor mode touch the supervisor button and enter the passcode.

Enter the Supervisor Mode passcode and select the "Others" tab.



Enable/Disable

The Enable/Disable feature allows the operator to disable part or a whole system by the sub menus shown on the left.



| | | | | |
|--|----------------|----------------|----------------|-------|
| Supervisor FRE off | Evacuate | Silence Alarms | Mute Buzzer | Reset |
| Show All | Show Detectors | Show Alarms | Show I/O Units | Exit |
| 001 Device 1, Zone 1 Loop: 1, Zone: 1, Type: Opto/thermal | | | Enabled | ↑ |
| 002 Device 2, Zone 1 Loop: 1, Zone: 1, Type: Opto/thermal | | | Disable | ↕ |
| 003 Device 3, Zone 1 Loop: 1, Zone: 1, Type: Opto/thermal | | | Disable | |
| 004 Device 4, Zone 1 Loop: 1, Zone: 1, Type: Opto/thermal | | | Enabled | |
| 005 Device 5, Zone 1 Loop: 1, Zone: 1, Type: Opto/thermal | | | Disable | |
| | | | | |

| | | | | |
|-------------------------------|----------|----------------------------|-------------|-------|
| Supervisor FRE off | Evacuate | Silence Alarms | Mute Buzzer | Reset |
| Fire Routing: Enabled | | Input 1: Enabled | | |
| Fire Protection: Enabled | | Input 2: Enabled | | |
| Delayed: Enabled | | Input: Disabled | | |
| Aux Relay: Enabled | | Sounder 1: Enabled | | |
| Fault Relay: Enabled | | Sounder 2: Disabled | | |
| Exit | | | | |

| | | | | |
|-------------------------------|--|----------------|-------------|-------|
| Supervisor FRE off | Evacuate | Silence Alarms | Mute Buzzer | Reset |
| Exit | Touch "Enabled" button to Disable Touch "Disabled" button to Enable | | | |
| Zone 001 Zone 1 | | | Enabled | |
| Zone 002 Zone 2 | | | Disabled | |
| Zone 003 Zone 3 | | | Disabled | |
| Zone 004 Zone 4 | | | Enabled | |

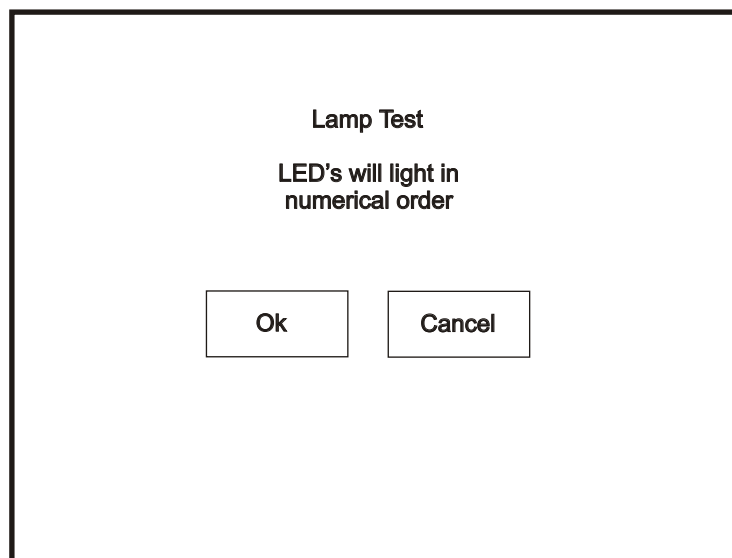
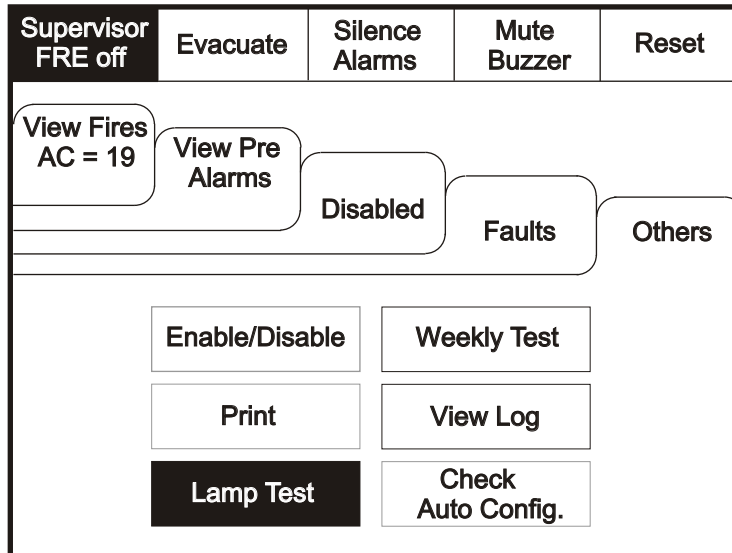
Enable all Devices?
Do you want to continue?

| | | | | | |
|-------------------------------|------|--------------------------|---|---|--|
| Supervisor FRE off | EXIT | NETWORK ENABLE / DISABLE | | | |
| PANEL NUMBER | | | | | |
| | 0 | 1 | 2 | 3 | |
| | Del | 4 | 5 | 6 | |
| | Ok | 7 | 8 | 9 | |

Lamp Test

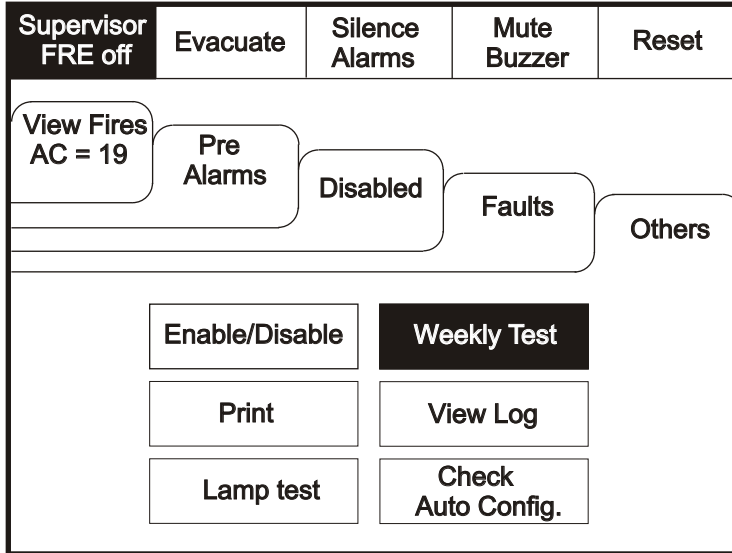
To activate the touch screen, touch the top left corner of the screen until the screen illuminates. To enter the supervisor mode touch the supervisor button and enter the passcode.

Enter the Supervisor Mode and Select the "Others" Tab. Press "Lamp Test"

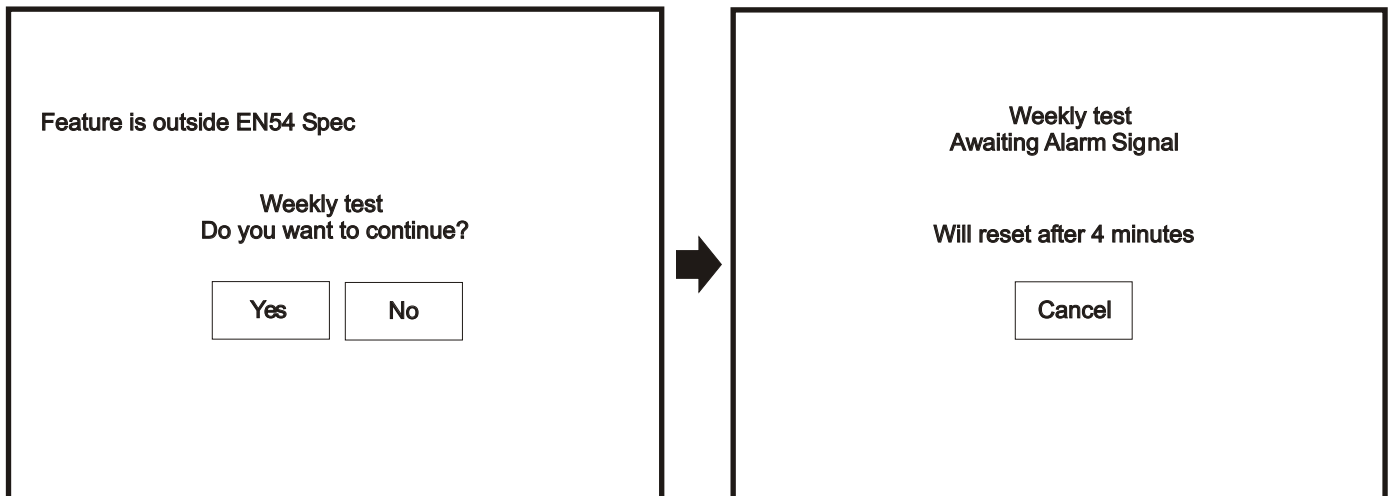


Weekly Test

To activate the touch screen, touch the top left corner of the screen until the screen illuminates. To enter the supervisor mode touch the supervisor button and enter the passcode. Select the others tab as shown below. Press Weekly test.



Weekly test is now in progress.

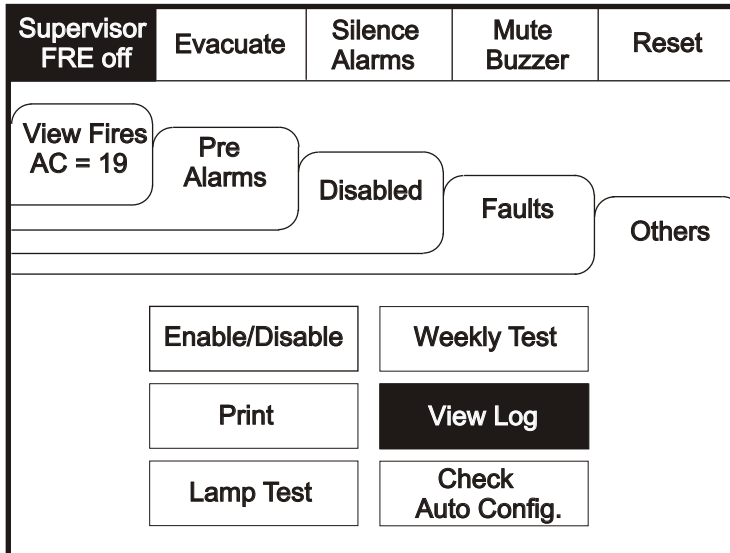


The panel will automatically return to the system healthy screen once the weekly test has been completed.

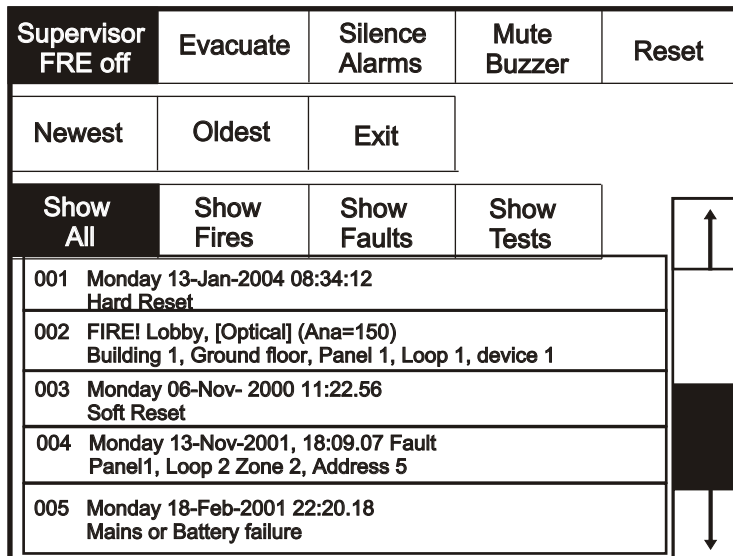
Viewing Events

To activate the touch screen, touch the top left corner of the screen until the screen illuminates. To enter the supervisor mode touch the supervisor button and enter the passcode.

Enter the Supervisor Mode Passcode. Select the "Others" tab and press View Log.



Use the scroll bar to view the list of upto 1000 events.



The Panel event log stores up to 1000 events including, fires, faults, resets and address changes. Once the maximum 1000 events has been reached Panel will automatically overwrite the oldest event every time a new event is stored. The event log can only be reset by an approved service engineer.