

G E N T
by Honeywell

Operator's Manual & Log book



System 800 Fire Alarm Panel





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Scope

This second issue of the Operator's manual covers the operating instructions for the 24-zone system 800 fire alarm panel. The manual shows how to operate controls and interpret light indications and messages. It includes information on user responsibility and emergency conditions with step by step instructions on how to operate controls. The manual has also a log book with pages to record system events for future reference.

Safety

The following information is given in the interest of personal safety and to prevent damage to equipment installed and to ensure the system operates correctly.



The information symbol is accompanied with important text.



This can be either a warning to prevent personal injury or death, or a caution to prevent damage to the system equipment.

Associated documents

- ❑ Installer's manual 796688 (4188-657)

All the documents associated with the panel should be kept together near the panel.

		Issue Record
Issue	Date	Comment
1	11/12/00	This is the first issue of the operating manual.
1-1	06/02/01	Minor updates to improve instructions.
2	10/06/03	This is the second update to the installer's manual include coincidence detection, sector linking, improvements to the settings for delay mode and auxiliary relay configuration.
	23/04/07	Gent by Honeywell logo added



General description

The system 800 fire alarm panel is designed to meet the requirements of EN54 Parts 2 and 4. It is suitable for installation in small to medium size buildings in accordance with the recommendations of BS5839:Part 1, to provide an automatic fire detection and alarm.

The system 800 panel is installed and configured to monitor devices such as detectors, manual call points and sounder control transponder units connected on a single loop. Each device is capable of being addressed individually and may be assigned to one of 24 zones. The devices and zones in the system can each be given a label for identification. In the event of a fire the panel automatically operates external sounder circuits to raise an alarm in the protected buildings.

The push button controls on the panel are for use by authorised and trained personal.

To comply with the requirements of BS5839:Part 1, there are log sheets provided at the back of this manual for recording system events.



User responsibility

It is recommended that the persons responsible for the fire alarm system should become familiar with:

- How to operate the controls
- How to interpret visual indications given.

Daily

BS 5839:Part 1, states that the system should be inspected daily to ensure that a normal indication is given at the control and indicating equipment and:

- any previously indicated fault and warning condition has received appropriate attention.
- all the system events are entered into the Log Book for future reference.
- the use of the area(s) inspected has not changed since the system was designed.
- and no unsafe practices that could lead to a fire are being undertaken.

Weekly

At weekly interval:

- a different Fire Sensor or Manual Call Point of the system should be tested to ensure the system is capable of operating under alarm condition.
- the operation of the alarm sounders should be checked to also remind those occupying the premises that there is a fire alarm system with a particular sound.



The test should be performed at a regular time to avoid confusion between a test and a genuine fire alarm.



Quarterly

At quarterly intervals the fire alarm system should be inspected by the servicing organisation. A trained maintenance engineer from the servicing organisation should carry out any work necessary.



For help with service and maintenance contact your Servicing organisation, see log book.

Battery replacement

Every four years the batteries installed in the system 800 panel must be replaced.



CAUTION:

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.

DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.



Controls and indicators

While reading the instructions it may help to open out the back page of this manual to view the location of controls and indicators on the panel. For description of controls and indicators see *User controls and indicators* section.

Audible indication



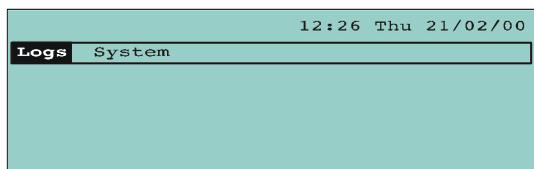
There is a cancellable buzzer in the panel that operates automatically to announce Fire and Fault events.

Navigation

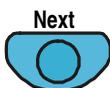
The buttons to navigate the menu and to select a menu option at the panel are the *Enter*, *Previous*, *Next* and *Esc* buttons.



The *Enter* button will display the top-level menu or accept a selection.



The menu bar displayed here shows the menu available at access level 1.



The *Previous* and *Next* buttons can be used to scroll and select a menu option.



The *Esc* button performs a **quit** function.

Pressing the *Esc* button will close an open menu or sub-menu and return it to the previous display.



Access levels

Access level 1 (A1)

The instructions in this manual are for access to menu options and push button controls available at access levels 1 and 2.

Access level 1 is for the *general public* and requires no coded entry, and at this level the light indications of the panel are visible, along with menu options to view logs and gain coded entry to level 2.

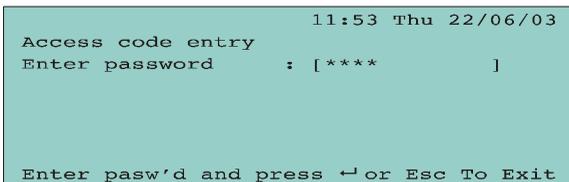
Access level 2 (A2)

Access level 2 is for *authorised persons* who are responsible for the fire alarm, such as security staff. This level requires a coded entry to the panel's push button controls and menu options. If controls are not used for 3 minutes duration then access level 2 is automatically exited.

To enter access level 2



- ❑ Press the *Enter* button to display the menu bar.
- ❑ Select *System* menu and option *Code*, and then press the *Enter* button to display the *Access code entry* form.



- ❑ Enter the numerical access code for level 2 controls and menu options. An asterisk will appear on the display for

every number entry.



- ❑ Press *Enter* to accept the code.

The factory set codes for:

Access level 1 – None
Access level 2 - 2222

An acknowledgement is given of correct code entry.



To return to access level 1

To exit access level 2 and return to access level 1.

Esc

- ❑ Press the *Esc* button to exit to level 1.

```
11:53 Thu 22/06/03  
Exit to level 1  
From level 2  
Are you sure?  
  
Press ↵ to Proceed, Esc to Abort
```

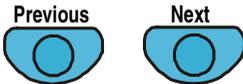


- ❑ Press *Enter* to accept a return to level 1 and the display will respond with the access level changed message.

Alternative method



- ❑ Press the *Enter* button to display the top-level menu.



- ❑ Press the *Previous* or *Next* button to 'System' option and scroll through the menus to highlight *Exit to level 1* option.

```
System  
Code  
Exit to Level 1  
Loop >  
Fire Test >
```



- ❑ Press *Enter* to exit to access level 1.



Normal Condition



The green LED is normally lit giving a steady glow to indicate that mains and battery supply to the panel are healthy.

To conduct a display test

The panel lights and display can be tested to check that they are working.

The *Display Test* is factory set to operate at access level 2.

A2



- Enter access level 2.
- Press the Esc key to exit the menu screen.

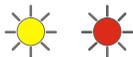


The *display test* can only operate if the default screen is displayed.

Display Test



- Press the *Display Test* button.



All the light indicators are lit on the panel and will remain lit for a short duration.



The display pixels are also tested.



Fire condition

Fire event(s) from detectors or manual call points in zone(s) are indicated and logged at the panel.



The red *Fire* light is lit.

Number of zones in fire First fire: Zone number Device or location label

```

n ZONES IN FIRE      11:38 Thu 22/06/00
FIRST:- ZONE: xx      11:39
Dv 005              Device label
-----
LATEST: Zone: xx      11:40
Dv 001              Device label
Total fire(s): n
Previous /Next = More Fires, Esc = Exit
  
```

First fire: device number Number of active fires Latest fire: Device of location label

The first fire information is given in the top portion of the display, while the latest fire in the lower portion.



The local buzzer sounds to announce each fire event.



If the facilities are available and configured for use, then the *Fire Routing and Fire Protection* lights are lit.



System alarm sounders are active.

- Follow site evacuation procedures.



To verify fire

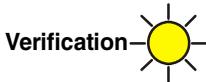


Delay

A2



Verify



Verification

If *delay mode* is ON, that is if the *Delay* light is lit, the alarm sounders are inactive for a 30 seconds (factory set) duration. During this time the alarm delay can be extended by a pre-configured time (up to 10 minutes maximum) by operating the *Verify* button.

- Enter access level 2.
- Press the *Verify* button.

The verification light is lit to show the fire alarm delay has been extended.

NOTE: Operating *Sound Alarms* button or if there is a subsequent fire event the alarms are activated immediately.

To cancel buzzer



Cancel Buzzer

To silence the panel buzzer while the system is in fire condition:

- Press the *Cancel Buzzer* button.

To silence alarms



Silence Alarms

A2

To stop the fire alarm sounders from sounding, for example once the building has been evacuated and the fire fighters are present to attend to the fire.

- Enter access level 2.
- Press the *Silence Alarms* button.

To reset the system



Reset

A2

After the emergency is over and the affected devices have been restored for normal operation and **alarms have been silenced:**

- Enter access level 2
- Press the *Reset* button.



Manual control of fire alarms

To sound alarms

To manually sound alarms in the system at anytime or resound the alarms after they have been silenced:

A2

Sound Alarms



- Enter access level 2.
- Press the *Sound Alarms* button.

Note the alarms are sounding!

To silence alarms

To stop the alarms from sounding:

A2

Silence Alarms



- Enter access level 2.
- Press the *Silence Alarms* button.

Note the alarms are silenced!



To operate delay mode

The *Delay Mode* (also called Day mode) facility allows the panel to delay the fire alarms from sounding in the event of a fire.

With the **Delay** mode active there is an initial 30 seconds (factory set) delay before alarms are made active in the event of a fire. The factory set *initial delay* time can be changed to a different value, see page 32.



The **delay** mode is only operable if the function is configured for operation during service and commissioning.

A2



Delay



- Enter access level 2.
- Press *Delay* button to activate Delay mode facility for a pre-configured time of up to 8 hours.



If timeout is not pre-configured then the Delay function is inoperable.

During a fire condition whilst the initial delay is operating it is possible to activate further a pre-configured alarm delay of up to 10 minutes on pressing the *Verify* button, see page 13.



Fire Test

The system 800 panel has a fire test facility, which puts all the zones into test mode and recommends which manual call point is to be fire tested next.



In Test State all normal fire detection functions are disabled.

To enter fire test mode

A2



```
System
Code
Exit to Level 1
Loop >
Fire Test
```



- Enter access level 2.
- Press *Enter* to display the top-level menu.
- From the *System* menu select *Fire Test* option and press *Enter* to accept the selection.

```
11:53 Thu 22/06/03
Selecting Fire Test cause ALL
zones to enter test state
Are you sure you want to proceed ?
Next manual call points to be tested:
Dv 005 Dev label
Zn 001 Zone label
Press ↵ to proceed, Esc to Abort
```



Press *Enter* to enter Fire test.

```
11:53 Thu 22/06/03
Fire Test
ALL ZONES IN TEST STATE
Next manual call point to be tested:
Dev 005 Device 5
Zn 001 zone 1
Esc To Exit
```



Now carry out a Fire Test on the recommended manual call point and notice the alarms are only active for a short duration. On completion exit test state.



To exit Fire test mode

After the fire test on manual call point is complete the panel must be taken out of the test mode and returned to normal operating condition.



In Test State all normal fire detection functions are disabled.

A2



```
System
Code
Exit to Level 1
Loop >
Fire Test
```



```
11:53 Thu 22/02/02
Selecting 'Stop Fire Test' causes All
zones to exit Test state.
Are you sure you want to proceed ?
Dev 005 Device 5
Zn 001 Zone 1
Press ↵ to proceed, Esc to Abort
```



- Enter access level 2.
- Press *Enter* to display the top level menu
- From the *System* menu select *Fire Test* option and press *Enter* to accept the selection.
- Press *Enter* to exit fire test.

The fire test mode has been exited and the *Test* light switches Off.



Fault condition

A fault condition is an automatic detection of faults in the system requiring attention.

A fault detected in the fire alarm system is given at the panel in the form of light indication(s) and text message(s) on the display, accompanied with an audible sound from the local buzzer.



The table below shows individual fault and associated message. The panel will notify multiple faults and disablements.

To Cancel buzzer

Cancel Buzzer



To silence the panel buzzer while the system is in fault condition:

- Press the *Cancel Buzzer* button.



Any fault repair on the system must be carried out by the servicing organisation.

Typical fault indications:

Light indication	typical message(s)	meaning
 Fault 	One example: Loop device removed	A device on the loop circuit has been removed.
 Fault  FRE Fault 	Fire routing output O/C or S/C fault	There is an open or short circuit fault associated with the fire routing output.



Light indication	typical message(s)	Meaning
 Fault  Power Fault 	Mains supply failed or Battery disconnected.	The mains or back up battery supply to the panel has failed.
 Fault  Sounder Fault 	Master alarm 1 / 2 open / short	There is an open or short circuit fault on the master alarm sounder circuit 1 or 2 connected to the panel.
 Fault  System Fault 	System processor failure	The processor controlling the control panel has failed.



Disablement condition

A disablement condition is usually a manual action using the controls at the panel to disable parts of the system for service and maintenance work.

A disablement in the fire alarm system is given at the panel in the form of light indications and text messages on the display.

Any service and maintenance work on the panel or system must be carried out by a trained maintenance engineer from the fire alarm servicing organisation.

Typical disablement



The table below shows individual disablement and associated message. The panel will notify multiple faults and disablements.

Light indication	Typical message(s)	meaning
 Disablement	One example: Zone disabled	One or more zones of the system have been disabled.
 Disablement  FRE Disablement	Fire routing disabled	The output from the fire panel to the fire routing equipment is disabled.
 Disablement  Sounder Disablement	Sounder disabled	The fire alarm sounders connected to the panel are disabled.



System information

To view active fire events

The **fire log** shows all current fires detected in the system, which can be viewed at any time during the fire condition.



- Press *Enter* to display the top-level menu.
- From the *Logs* menu select *Active fire* option and press *Enter* to accept the selection.

```
2 ZONES IN FIRE          11:53 Thu 22/06/03
Fire log ( 1 )
1:                        08:35:29 Tue 22/06/03
  Dv 005                  device label
  Zn                      Zone label

Esc To Exit
```

Press the *Previous* or *Next* button to scroll and view active fire events.

To view active fault events

The **fault log** shows all current faults detected in the system, which can be viewed at any time during the fault condition.



- Press *Enter* to display the top-level menu.
- From the *Logs* menu select *Active Fault* option and press *Enter* to accept the selection.

```
FAULT log (n)           11:53 Thu 22/06/03
1:                        08:47:11 Thu 14/09/03
  Loop device removed
  device label

Previous/Next - More faults, Esc To Exit
```

Press the *Previous* or *Next* button to scroll and view active fault events.



To view active disablement



```
11:53 Thu 22/06/03
Disablement Log (n)
1: 09:46:10 Thu 22/06/03
    Loop stopped
Esc To Exit
```

The **disablement log** shows all current disablements in the system, which can be viewed at any time during disablement condition.

- ❑ Press *Enter* to display the top-level menu.
- ❑ From the *Logs* menu select *Disablement* option and press *Enter* to accept the selection.

- ❑ Press the *Previous* or *Next* button to scroll and view active disablement events.

To view historic events



```
11:53 Thu 22/06/03
Event Log (n)
1: 15:58:20 Wed 25/07/03
    Security Mode entered
Esc To Exit
```

The panel records up to 200 previous **historic events** of the fire alarm system. The log can be viewed at any time.

- ❑ Press *Enter* to display the top-level menu.
- ❑ From the *Logs* menu select the *Historic* option and press *Enter* to accept the selection.

- ❑ Press the *Previous* or *Next* button to scroll and view historic events. Event number 1 is always the latest event and number 200 the oldest event.



System set up

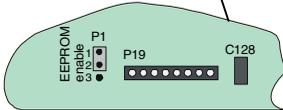
Hardware link



Only a trained person must attempt any changes to the *hardware link*.



Electronic module



When making changes to the panel set up the modified data must be saved to the EEPROM. To save the data to the EEPROM a *hardware link* located on the *electronic module* inside the *panel* must be configured.

With the front door open the hardware link is visible mid-way on the bottom face of the electronic module.

To allow data to be saved to EEPROM



To allow the changed data to be saved to the EEPROM, a hardware link must be configured first.

- Configure the link P1 to position 1-2.

To write protect the EEPROM



It is advisable to always leave the panel with the link P1 in the protected position.

- Configure the link P1 to position 2-3.



To enable or disable a zone

A **zone** is a collection of installed devices in a sub division of the protected building. The detection devices in a zone can be disabled, for example during maintenance work on the system. On completion of maintenance work the zone must be re-enabled.

- ❑ Enter access level 2 (A2) and use the navigation buttons to highlight and select options:

 When a zone is disabled the manual call points in the zone remain active and are NOT disabled.

A2



Zone
Details
List of Devices
Device Details



```
11:38 Thu 22/06/03
Zone [ 2 ]      Actions Master Alarms:[Y]
Label:[      ] Zone: [ 2 ]
Status: [Enabled]      In test:[NO]
Mode: [NORMAL]      Linked to zone: 0
Sectors: 99, 99, 99, 99
99, 99, 99, 99, 99, 99, 99, 99
Press ↵ to Save any changes, Esc to Exit
```

Previous

Next

Press to select [Zone] field

Select



Press select to change to a required zone number

Previous

Next

Press to select [Status] field

Select



Press Select to toggle ENABLE/DISABLE
Select *DISABLE* to disable the zone
or *ENABLE* to enable the zone

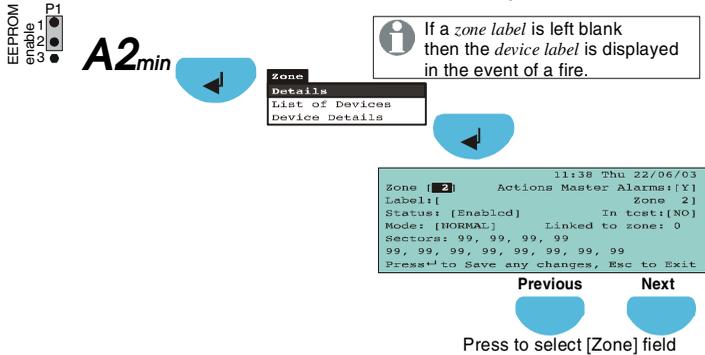




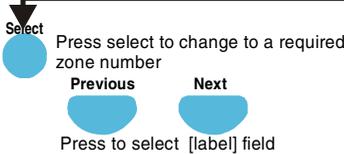
To edit a zone label

Each **zone** can have an individual 32 - character label. A zone label is used to describe the sub division of the protected building where there is an event detected. In the event of a fire the zone label is displayed on the screen.

- ❑ Enter access level 2 (A2) and use the navigation buttons to highlight and select options:



i If a zone label is left blank then the device label is displayed in the event of a fire.



To edit text in a field:

Edit Press Edit button to allow label editing.

Using the numeric keypad enter the label.

1	ABC	DEF
2	GHI	JKL
3	MNO	PQRS
4	TUV	WXYZ
5		
6		
7		
8		
9		
0		

Next If necessary, press Next to move to the next character position.

Each press of an alphanumeric key will scroll character string, eg each press of key 2 will scroll characters: A B C 2 a b c.

Each press of key 1 will scroll character string 1 ? . : ; & * /

Each press of key 0 will scroll character string 0 () : @ []

Function To copy text
Highlight a label field and press the Function key.

Edit Function To paste text
Highlight a label field and press edit and then the Function key.





To put a zone in and out of test mode

Any **zone** can be put into *test mode* to allow the devices in the zone to be tested. In *test mode*, the panel will not detect fires from devices within the zone in test. An active manual call point or detector in the zone will cause *master alarms* to sound for a short duration and the device is reset thereafter. On completion of the test it is important to exit the *test mode* to resume normal operation for that zone.

- ❑ Enter access level 2 (A2) and use the navigation buttons to highlight and select options:

A2



zone
Details
List of Devices
Device Details

If a zone is put into test mode the panel will see the zone fire events as test fires.



```
11:38 Thu 22/06/03
Zone [ 2 ] Actions Master Alarms: [Y]
Label: [ ] Zone 2]
Status: [Enabled] In test:[NO]
Mode: [NORMAL] Linked to zone: 0
Sector: 99, 99, 99, 99
99, 99, 99, 99, 99, 99, 99
Press ↵ to save any changes, Esc to Exit
```

Previous Next

Press to select a [Zone] field

Select



Press select to change to a required zone number

Previous Next

Press to select In Test field []

Select



Press select to toggle NO/YES
Select NO to take zone out of test
or YES to put the zone in test



Test

When a zone is in the test mode and a device in the zone is put into fire condition, the alarms will sound for a short duration and the device is reset thereafter.



To view devices in a zone

The *devices* assigned to any zone can be viewed for confirmation. The list will show all the devices in the selected zone.

- ❑ Enter access level 2 (A2) and use the navigation buttons to highlight and select options:

A2



```
zone
Details
List of Devices
Device Details
```



```
11:38 Thu 22/06/03
Assigned Device List
Zone : [ 1 ] Zone 1
Device label 1
Device label 2
Device label 3
Prev/Next=more, ←=details, Esc=Exit
```

Previous

Next



Press to select a [Zone] field

Select



Press select to change to a required zone number

Previous

Next



Press to scroll the list



By pressing the Enter button on a highlighted device it is possible to view device details, see device details.

Press

Esc

to return to Device details



To enable or disable a device

A **device** such as a detector or manual call point can be *disabled* or *enabled*. This may be necessary during maintenance work on the system. On completion of maintenance work the device must be re-enabled.

- ❑ Enter access level 2 (A2) and use the navigation buttons to highlight and select options:

A2



```

zone
Details
List of Devices
Device Details

```



This operation will allow disablement and enablement of devices like detectors and manual call points on the loop.



```

11:38 Thu 22/06/03
Device [ ] Details
Label:[Device label]
Type : DETECTOR
Status:[ ENABLED]
Assigned To:
Zn: 1 Zone 1
Press ← to Save any changes, Esc to Exit

```

Previous

Next



Press to select [Device] field

Select



Press select to change to a required device number

Previous

Next



Press to select [Status] field

Select



Press select to toggle ENABLE/DISABLE

Select **DISABLE** to disable the device
or **ENABLE** to enable the device





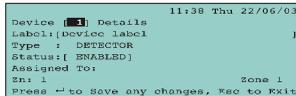
To edit a device label

A device label is used to describe the location of the device in the protected premises. Each **device** on the loop can have an individual 32-character label. In the event of a fire the device label is displayed on the screen.

- Enter access level 2 (A2) and use the navigation buttons to highlight and select options:

EEPROM enable 0 to 1 P1

A2



Previous

Next



Press to select [Device] field



Press to change to a required device number

Previous

Next

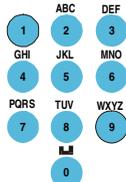


Press to select [Label] field

To edit text in a field:

Edit Press Edit button to allow label editing.

Using the numeric keypad enter the label.



Next If necessary, press Next to move to the next character position.

Each press of an alphanumeric key will scroll character string, eg each press of key 2 will scroll characters: A B C 2 a b c.

Each press of key 1 will scroll character string 1 ? , ; & * /

Each press of key 0 will scroll character string 0 () : @ []

Function To copy text Highlight a label field and press the Function key.

Edit **Function** To paste text Highlight a label field and press edit key followed by the Function key.



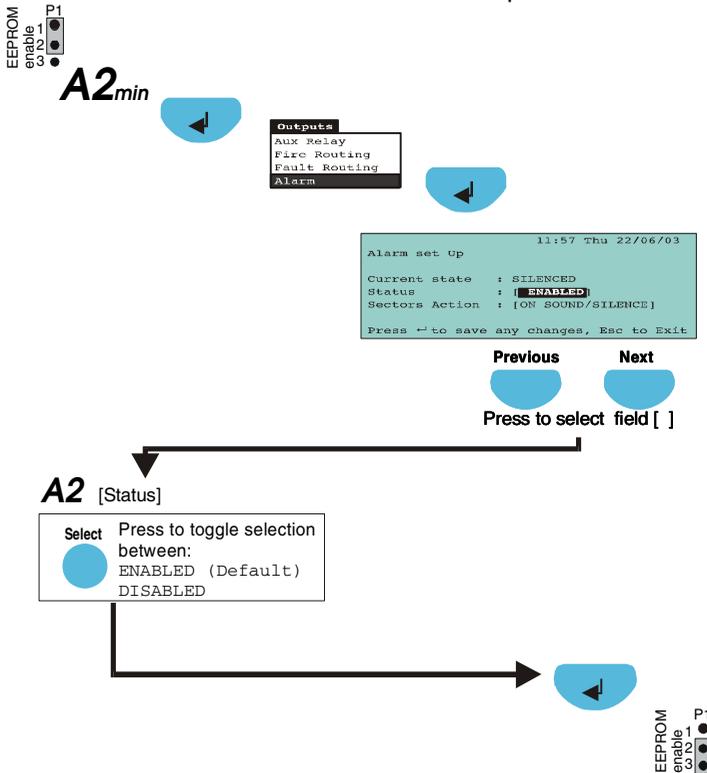
EEPROM enable 0 to 1 P1



To enable or disable alarm sounders

The **alarm sounders** of the system can be manually disabled, for example when doing maintenance work on the sounder circuit. On completion of maintenance work the alarms must be re-enabled.

- ❑ Enter access level 2 (A2) and use the navigation buttons to highlight and select options:

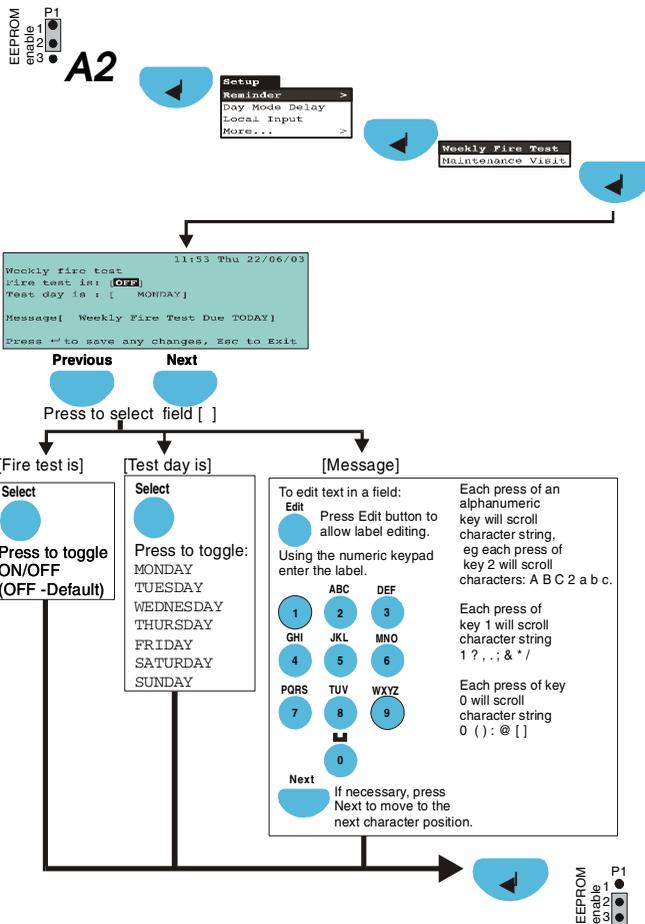




To set up weekly reminder of fire test

The **weekly Fire test** reminder message appears automatically on the specified day as a reminder to the operator that a fire test is due. The reminder message can be configured to suit and it can be switched On / Off.

- Enter access level 2 (A2) and use the navigation buttons to highlight and select options:

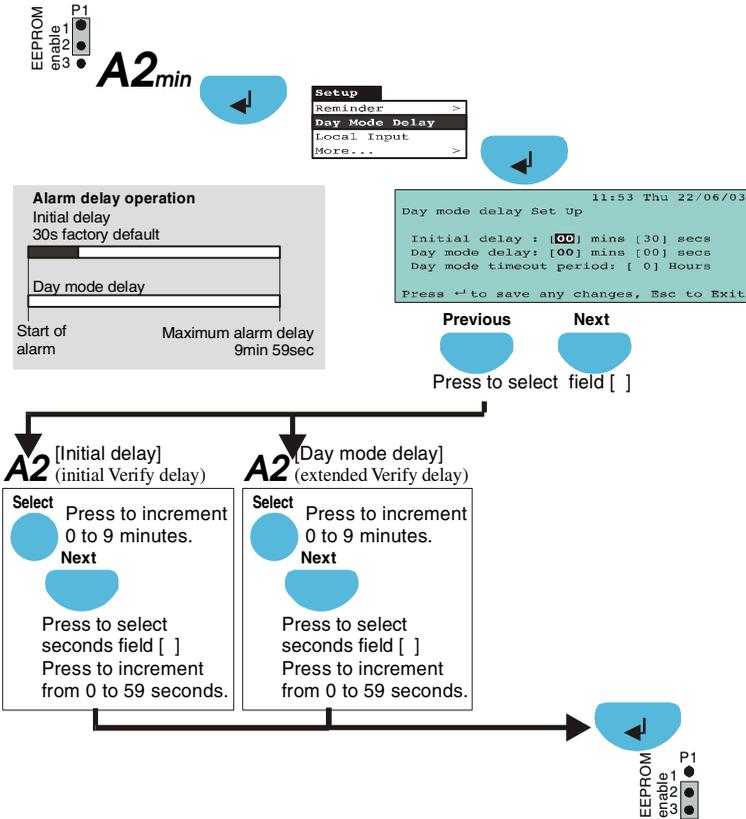




To set up the Initial and Verify delay

The delay mode facility (also called Day mode) provides a delay before sounding alarms in the event of a fire.

i The **alarm sounders** in the system can be delayed on a fire condition. The **Initial delay** can be configured up to 9 minutes 59 seconds (factory set to 30 seconds). This delay is imposed on the alarm sounders at the beginning of a fire condition, providing the Delay facility is active with the delay LED lit. The **Day mode delay** is an extended alarm delay to verify a fire alarm. This delay value can be up to 9 minutes 59 seconds. Note this value is the total delay duration from the start of a fire condition. It is made active on pressing the Verify button when initial Delay is active and delay LED is lit.





Other controls

The following functions they are used during commissioning of the system and are documented here for reference.

Loop status

The **loop status** function shows the status of the loop circuit, for example if it is *running* or has *stopped*. A *running* loop implies the loop is operating correctly and requires no intervention, however a *stopped* loop must be started, using the *start detection* function. The display also shows the number of devices connected to the loop and the address of the last device on the loop.

Local input

The **local input** function configures two terminals at the panel, the terminals can be used for *Class change*, *Fire input* or *Evacuate input* application. If used as a *Fire input* it is possible to set the input in test mode, similar to putting a zone in test mode.

The display also shows if the input is enabled or disabled.

Loop map

A **loop map** function provides a list of devices on the loop in consecutive order, as installed on the circuit. Starting at end-1 terminals of the loop finishing at the end-2. Devices on the loop can include detectors, manual call points and transponder units. The list also shows the label given to each device.



Auxiliary relay

The **auxiliary relay** function configures a relay in the panel, which provides changeover contacts for external use. The relay can be configured to operate with *fire* event (factory default setting), *fault* event or *disablement*, or its function can be internally *disconnected*.

Fire routing output

The **fire routing output** function configures the output facility that provides the signals to operate equipment, such as an auto dialler to call out the fire fighting organisation in the event of a fire. The output can be manually activated or de-activated.

The display also shows the settings of fire routing delay time and its current operating state (enabled or disabled).

Fault routing output

The **fault routing output** function configures the output facility that provides the signals to operate equipment to call for maintenance on the system. The output can be manually activated.

The display also shows if the output is enabled or disabled.

Maintenance reminder

The **maintenance reminder** function configures the triggering of a custom message to appear when maintenance is due on the system. The message may be a phone number to call the servicing organisation for system maintenance. The day of the month can be configured here along with a custom message.



Appendix

Glossary of terms

The definitions of terms given here are in relation to the description of the system 800 Fire alarm panel.

Zone – A zone consist of a maximum of 32 devices such as detectors and manual call points in a sub-division of a building, monitored by the system 800 panel.

Access level – A coded entry to operate controls on the system 800 panel.

A1 – Access level 1

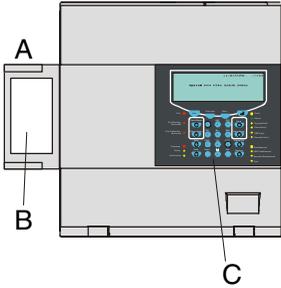
A2 - Access level 2

FRE - Fire routing equipment

FPE - Fire protection equipment



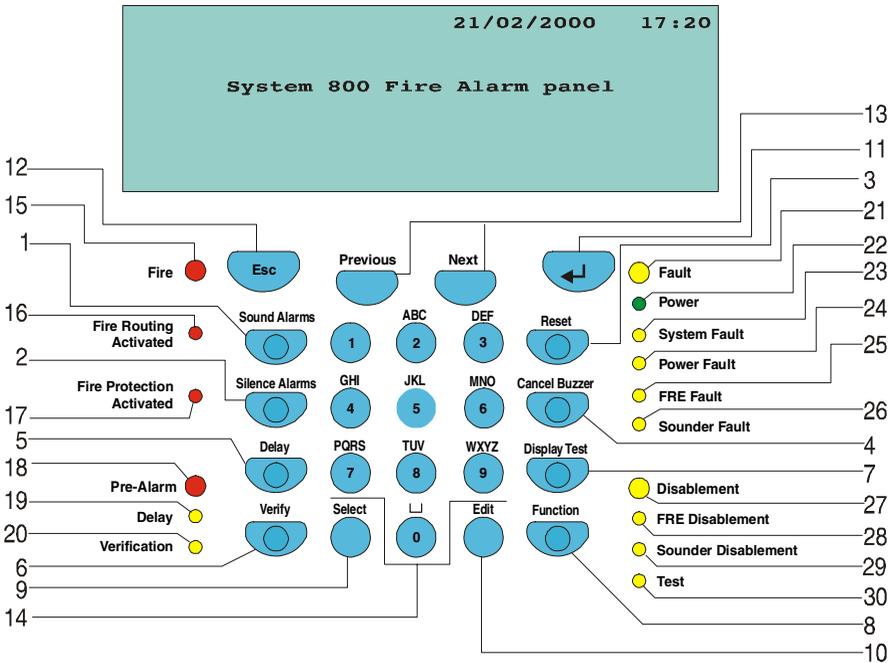
Description of Controls and Indicators



A - Flap

B - Instructions

C – Controls and indicators



See following pages for description.



Controls at the system 800 panel

No.	Control	Access Level	Function
1	Sound Alarms 	2	The button starts the alarm sounders in the system, see page 14.
2	Silence Alarms 	2	The button stops the alarm sounders from sounding in the system, see pages 13, 14.
3	Reset 	2	The button resets the panel, see page 13.
4	Cancel Buzzer 	1	The button silences the audible warning buzzer at the panel, see pages 13, 18.
5	Delay 	2	The button activates the delay mode for a pre-configured time of up to 8 hours, see page 13, 15, 32.
6	Verify 	2	The button further delays the alarm from sounding for a pre-configured time (up to 10 minutes) only if the initial Delay is active and the Delay mode is active, see page 13.
7	Display Test 	2	The button tests the LED indicators, buzzer and display at the panel, see page 11.
8	Function 	3	The button: a) Can copy and paste a text when used to edit labels. b) Can display software version and date of release at access levels 3 or 4.
9	Select 	2	The button toggles the selections of a field in a form.



No.	Control	Access Level	Function
10	<p>Edit</p> 	2	The button allows editing of text entry in a field of a form.
11		1	The button is used to enter or accept an entry and also display menu options.
12		1	The button functions as a quit or escape key.
13	<p>Previous</p>  <p>Next</p> 	1	These buttons are used to scroll through active event list, form fields and menu options.
14		1	These buttons are used for entering alphanumeric data.

Indicators at the system 800 panel

No.	label	light	operation and meaning
15	<p>Fire (red)</p>		<p>STEADY – There is one or more fire(s) in the system</p> <p>OFF – There are no fire(s) in the system</p>
16	<p>Fire Routing Activated (red)</p>		<p>STEADY – The fire routing output has been activated and there is an automatic fire call out.</p> <p>OFF – The fire routing is not active.</p>



No.	label	light	operation and meaning
17	Fire Protection Activated (red)		STEADY – The fire protection output (fixed extinguishing) is active. OFF – The fire protection output is not active.
18	Pre Alarm (red)		STEADY – There is at least one coincidence zone / device in pre-alarm. OFF – There is no zone / device in coincidence fire.
19	Delay (yellow)		STEADY – The delay mode is active. OFF – The delay mode is not active.
20	Verification (yellow)		STEADY – The verification delay is active and alarms are being delayed from sounding. OFF – The verification delay is not active.
21	Fault (yellow)		STEADY – There is at least one fault in the system, view the <i>fault log</i> for details, see page 18. OFF – There are no faults.
22	Power (green)		STEADY – The mains and battery supplies are healthy. OFF – There is no mains supply nor battery supply at the panel.
23	System fault (yellow)		STEADY – There is a system fault (Micro failure and non-volatile memory corruption). OFF – There is no system fault.



No.	label	light	operation and meaning
24	Power fault (yellow)		STEADY – There is either a mains or battery supply fault. OFF – There is no power fault.
25	FRE Fault (yellow)		STEADY – There is a fire routing equipment fault. OFF – There is no FRE fault.
26	Sounder Fault (yellow)		STEADY – There is a sounder circuit open or short circuit fault. OFF – There is no sounder circuit fault.
27	Disablement (yellow)		STEADY – There is at least one disablement or the panel is in engineering mode, view the disablement log for details, see page 20.  The engineering mode is normally only accessed by the servicing organisation. OFF – There are no disablements.
28	FRE Disablement (yellow)		STEADY – The fire routing equipment (FRE) is disabled. OFF – The FRE is not disabled.
29	Sounder Disablement (yellow)		STEADY – The system alarm sounders are disabled. OFF – The system alarm sounders are not disabled.
30	Test (yellow)		STEADY – The panel or Zone is in test state. OFF – The panel or zone is not in test state.



Notes



Notes



Notes



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