

# **EP203 AUTOMATIC EXTINGUISHER PANEL**

## **User Manual and Log Book**

Approved Document No. DFU0002031 Rev 4 01/06/22



## CONTENTS

|   |    |
|---|----|
| IMPORTANT SAFETY NOTES.....                     | 3  |
| BASIC OVERVIEW AND KEY FEATURES.....            | 3  |
| CONTROLS & INDICATORS.....                      | 4  |
| LCD Unit.....                                   | 4  |
| LED Indicators.....                             | 4  |
| Pushbutton Controls.....                        | 6  |
| Keyswitch Controls.....                         | 6  |
| ACCESSING THE MENU CONTROLS .....               | 7  |
| Overview .....                                  | 7  |
| Selecting the Menus and Sub-Menus .....         | 7  |
| General User Controls (Access Level 1).....     | 8  |
| Authorised User Controls (Access Level 2) ..... | 9  |
| SYSTEM SET-UP DATA CHART .....                  | 13 |
| FIRE ALARM/EXTINGUISHER PANEL LOG BOOK.....     | 14 |
| INSTALLATION CERTIFICATE .....                  | 19 |
| COMMISSIONING CERTIFICATE.....                  | 20 |

## FIGURES

|  |   |
|--|---|
| Figure 1 : Front Panel Controls and Indicators.....    | 4 |
| Figure 2 : Overview of Access Levels 1 & 2 Menus ..... | 7 |

E&OE. No responsibility can be accepted by the manufacturer or distributors of this range of extinguisher panels for any misinterpretation of an instruction or guidance note or for the compliance of the system as a whole. The manufacturer's policy is one of continuous improvement and we reserve the right to make changes to product specifications at our discretion and without prior notice.



Manufacturer: Computationics Limited (C-TEC), Challenge Way, Martland Park, Wigan, Lancashire WN5 0LD. [www.c-tec.com](http://www.c-tec.com)

### IMPORTANT SAFETY NOTES

The EP203 Automatic Extinguisher Panel (hereafter called the EP203 panel) is safe to operate provided it has been installed in compliance with the manufacturer's instructions and used in accordance with this manual.

**Lethal voltages are present inside the panel.** DO NOT operate the EP203 panel with its enclosure open. There is no need to open the enclosure except to carry out commissioning, engineering, or maintenance work. This work must only be carried out by competent service personnel who are fully conversant with the contents of the separate installation manual for this product and have the necessary skills for maintaining this equipment.

If the enclosure is damaged in any way, expert advice should be sought regarding its repair.

Regular servicing of the EP203 panel and the extinguishant system is highly recommended, preferably on a continuous maintenance contract and by a competent organisation. A full itemised report of the installation should be obtained at least annually.

### BASIC OVERVIEW AND KEY FEATURES

The EP203 panel acts as both a conventional fire alarm panel and an automatic extinguisher control panel. The EP203 panel's features include the following:

- Time-stamped event log
- Abort and hold functions for cancelling, or delaying the extinguishant release sequence
- Front-panel mounted LCD unit displays system status and facilitates system programming
- Front-panel mounted extinguishant release button and two keyswitches; one to enter access mode and one to toggle between automatic/manual modes of operation
- Three-zone conventional detector circuits, line monitored for open and short-circuit faults. Any zone combination can be programmed to activate an alarm and initiate the extinguishant release sequence
- Three conventional alarm sounder circuits (two x 1st stage sounder 1A & 1B, one x 2nd stage sounder), line monitored for open and short-circuit faults
- Monitored inputs for:  
Manual Release, Flow Switch, Low Pressure, Mode, Hold and Abort
- Auxiliary outputs for:  
Fire, Local Fire, Extract, 1st Stage, 2nd Stage, Fault
- Extinguishant output supports up to 2 x solenoids, or multiple 'Metrons™'
- Adjustable extinguishant release time delay, duration and flooding time
- Alarm counter to record the number of times the panel has been in an alarm state
- Output Expansion Relay Board providing additional volt-free relay outputs for: Reset, Mode, Discharged, Hold and Abort. **Note:** This board is optional if EN 12094-1 compliance is not required.
- Connections for up to eight Remote Status Units (RSU) which provide remote indication of system status on an LCD unit, with mode select and manual extinguishant release
- Connections for up to eight Economy Status Units (ESU) to provide remote indication of system status with mode select.
- Pushbutton and keyswitch entry to two access levels (displayed on the LCD unit).  
Access Level 1 (AL1) is for general users, Access Level 2 (AL2) is for authorised users.

## CONTROLS & INDICATORS

The front of the EP203 panel has various LED indicators, pushbuttons, keyswitches and an LCD unit, as shown in Figure 1 below:

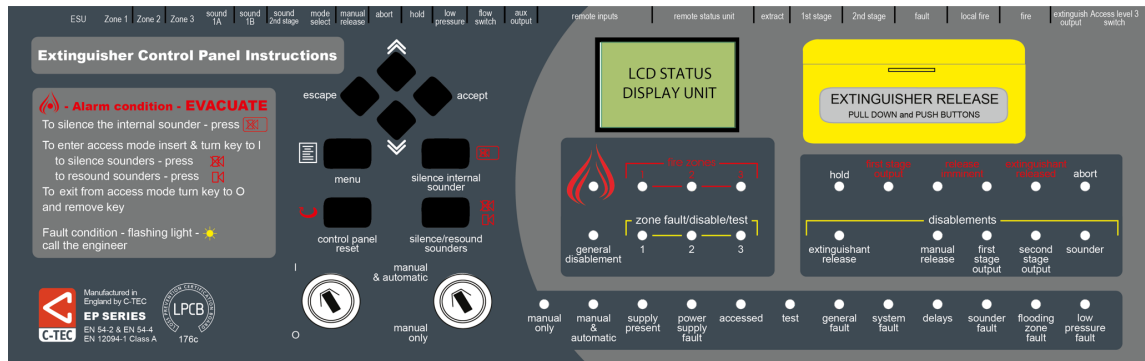


Figure 1 : Front Panel Controls and Indicators


### LCD Unit

This unit provides system status information, counts down the time for extinguishant release and displays Access Levels 1 & 2 menus and sub-menus.

### LED Indicators

The LED indicators on the front of the panel give a comprehensive overview of the system's current status. Any fire and fault conditions are clearly displayed, disablements highlighted and the status of all inputs and outputs displayed.

The table below summarises the various indicators and what they mean in their various states.





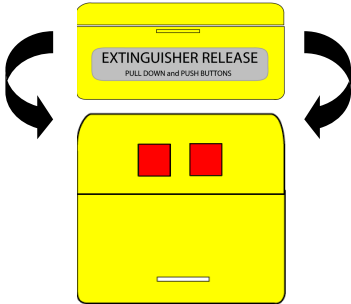
| INDICATOR  | STATUS          | DESCRIPTION  |
|--|-----------------|--|
| (general fire)  | Flashing Red    | The panel has detected a fire alarm condition on a fire zone.  |
|  | Steady Red      | The fire alarm has been silenced.  |
| fire zones<br>1 – 2 – 3  | Flashing Red    | A fire alarm condition has been detected on the zone(s) flashing.  |
|  | Steady Red      | The fire alarm has been silenced on the zones lit steady.  |
| hold   | Flashing Yellow | A hold input has been received at the panel.   |
| first stage output   | Steady Red      | 1st stage extinguishant output has been activated.   |
| release imminent (x2)  | Steady Red      | Countdown timer to extinguishant release has started.  |
| extinguishant released   | Steady Red      | A flow switch input (from a flow switch on the extinguishant cylinder) is received at the panel.   |
| abort  | Steady Yellow   | An abort input has been received at the panel.   |
| general disablement  | Steady Yellow   | Part of the system has been manually disabled and/or one or more of the fire zones has a delay applied to them.<br><br><b>Note:</b> If a delay to sounder outputs has been configured by an engineer the general disablement indicator is not illuminated but the delays indicator is illuminated. |

## EP203 AUTOMATIC EXTINGUISHER PANEL

| INDICATOR                                   |                              | STATUS          | DESCRIPTION   |
|---|------------------------------|-----------------|---|
| <b>zone fault/disable/test</b><br>1 – 2 – 3 |                              | Flashing Yellow | Faulty wiring, or detector removed from base, detected on the zone(s) flashing.   |
|   |                              | Steady Yellow   | The zone(s) lit steady have been disabled.  |
|   |                              | Flashing Yellow | The zone(s) flashing are in test mode.  |
| <b>disablements</b>                         | <b>extinguishant release</b> | Steady Yellow   | Extinguishant system has been disabled (extinguishant output & 2nd stage sounder).  |
|   | <b>manual release</b>        | Steady Yellow   | Manual release facility has been disabled.  |
|   | <b>first stage output</b>    | Steady Yellow   | 1st stage output contact has been disabled.   |
|   | <b>second stage output</b>   | Steady Yellow   | 2nd stage output contact has been disabled.   |
|   | <b>sounder</b>               | Steady Yellow   | Indicates 1st stage sounders (1A & 1B) are disabled.  |
| <b>manual only</b>                          |                              | Steady Yellow   | Indicates the status of the extinguishant system is "Manual Only" mode.   |
| <b>manual &amp; automatic</b>               |                              | Steady Yellow   | Indicates the status of the extinguishant system is "Manual & Automatic" mode.  |
| <b>supply present</b>                       |                              | Steady Green    | The panel is supplied with power.   |
| <b>power supply fault</b>                   |                              | Flashing Yellow | The panel has detected a fault with its power supply, or back-up batteries.   |
| <b>accessed</b>                             |                              | Steady Yellow   | The panel-mounted keyswitch has been turned to the accessed position "I" and the panel is in Access Level 2 (authorised user level).          |
| <b>test</b>                                 |                              | Steady Yellow   | The panel is in test mode.  |
| <b>general fault</b>                        |                              | Flashing Yellow | Indicates a fault has been detected on the system.  |
| <b>system fault</b>                         |                              | Flashing Yellow | The panel has detected a microprocessor fault.  |
| <b>delays</b>                               |                              | Steady Yellow   | Delays have been programmed into the panel.   |
|   |                              | Flashing Yellow | A delay is currently running.   |
| <b>sounder fault</b>                        |                              | Flashing Yellow | Faulty wiring (short or open-circuit) has been detected on the panel's 1st stage sounder circuits (1A & 1B) and/or 2nd stage sounder circuit. |
| <b>flooding zone fault</b>                  |                              | Flashing Yellow | Indicates a short or open-circuit on extinguishant output.  |
| <b>low pressure fault</b>                   |                              | Flashing Yellow | Indicates there is low pressure in the extinguishant system, or there is a short/open-circuit fault on the low pressure switch input.         |

## EP203 AUTOMATIC EXTINGUISHER PANEL

### Pushbutton Controls

| PUSHBUTTON  | DESCRIPTION  |
|---|--|
| scroll (up) ▲, scroll (down) ▼  | Dependent on the status of the panel, these pushbuttons: <ul style="list-style-type: none"> <li>• scroll vertically through any fire or fault conditions that appear on the panel's LCD unit</li> <li>• scroll vertically through the panel's user menus</li> <li>• manipulate date, time, disablement settings, etc.</li> </ul> |
| escape ◀, accept ▶  | Dependent on the status of the panel, these pushbuttons: <ul style="list-style-type: none"> <li>• scroll horizontally through the panel's user menus</li> <li>• escape, or accept options available in the panel's user menus.</li> </ul>  |
| menu   | Provides access to the Access Level 1 menu.  |
| silence internal sounder                                       | Silences the panel's internal sounder at anytime.  |
| control panel reset    | Resets the panel after the sounders have been silenced (Access Level 2 only).  |
| silence/resound sounders                                      | Silences, or resounds the system's sounders (Access Level 2 only).<br><b>Note:</b> This pushbutton will not silence the 2nd stage alarm if the extinguishant is about to be released.  |
| EXTINGUISHER RELEASE (pushbuttons in yellow housing)<br><br> | <b>CAUTION: THESE PUSHBUTTONS MANUALLY RELEASE THE EXTINGUISHANT.</b><br><br>Pull down the flap and press both buttons to release the extinguishant.   |

### Keyswitch Controls



Insert and turn the panel-mounted keyswitch to the accessed position 'I' to enter Access Level 2 (Authorised User level). Turn and remove the keyswitch to exit Access Level 2.

manual & automatic



manual only

Insert and turn the panel-mounted keyswitch to toggle the mode of the extinguishant system between "Manual & Automatic" and "Manual Only".

**NOTE: WHEN THE PANEL IS IN MANUAL MODE, EXTINGUISHANT CANNOT BE RELEASED BY AUTOMATIC FIRE DETECTION.**

**MODE SELECT KEYSWITCHES ARE ALSO MOUNTED ON REMOTE STATUS UNITS (RSU) AND ECONOMY STATUS UNITS (ESU) AND OTHER DEVICES. ANY ONE KEYSWITCH IN THE MANUAL POSITION TAKES CONTROL OF THE SYSTEM MODE.**

## ACCESSING THE MENU CONTROLS

### Overview

Two levels of menu controls are available on the EP203 panel; Access Level 1 (AL1) for General Users and Access Level 2 (AL2) for Authorised Users. All menus are displayed at the LCD unit as detailed in Figure 2, below:

**Note:** When selected, menus and sub-menus change from Title Case to UPPERCASE.

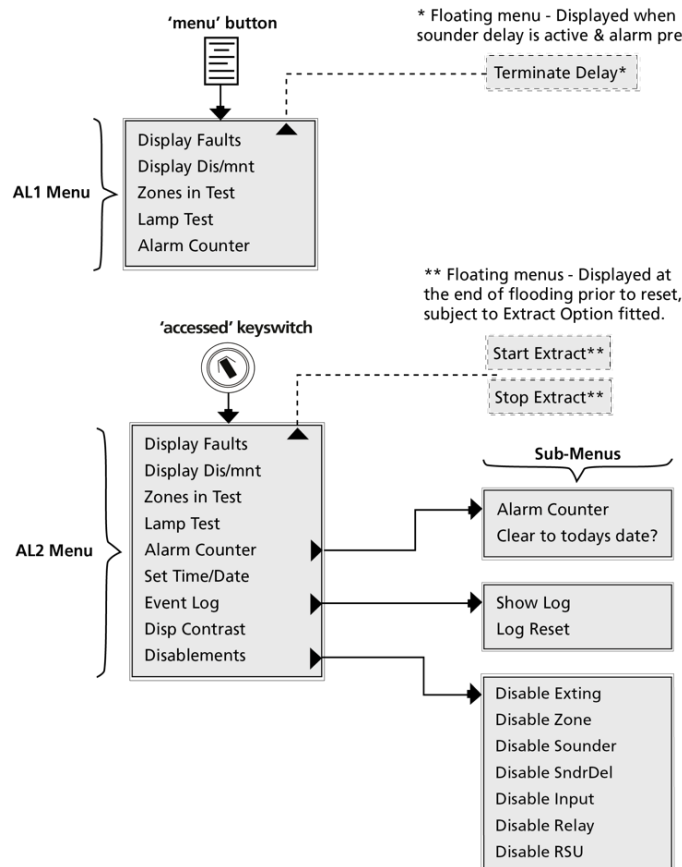


Figure 2 : Overview of Access Levels 1 & 2 Menu

### Selecting the Menus and Sub-Menus

1. To enter Access Level 1 menu press the Menu pushbutton, or to enter Access Level 2 menu turn the panel-mounted keyswitch to the accessed position "I".
2. Press the Scroll (up) ▲ and Scroll (down) ▼ buttons to highlight a menu.
3. Press the Accept ► button to select a menu.
4. Press the Accept ► button to select a sub-menu (if available).
5. If applicable, press the Scroll (up) ▲ and Scroll (down) ▼ buttons to scroll the display through all active conditions (faults, disablements, tests, etc.).
6. Press the Escape ◀ button to return to the previous menu.
7. To exit Access Level 1 press the Escape ◀ button. **Note:** The panel will automatically exit the Access Level 1 menu after approx. 15 secs. of inactivity.  
To exit Access Level 2 turn the panel-mounted keyswitch to the NOT accessed position "O".

## General User Controls (Access Level 1)

The functions that can be performed in Access Level 1 are:

- Manually activate the extinguishant release
- Mute the internal sounder.

Also, by pressing the Menu pushbutton the LCD unit displays the following menu:

**Note:** All Access Level 1 menus are available to an Access Level 2 user.

| MENU            | DESCRIPTION  |
|-----------------|--|
| Display Faults  | Displays all faults on the system.   |
| Display Dis/mnt | Displays all disablements on the system.                                       |
| Zones in Test   | Displays all detection zones that are in test mode on system.                  |
| Lamp Test       | Illuminates all front panel LED indicators.                                    |
| Alarm Counter   | Displays the number of times a fire alarm condition has occurred on the panel. |

**Note:** A Terminate Delay 'floating' menu is also displayed for a level 1 user when there is an alarm on the system and a sounder delay is active. Selecting this menu activates the fire sounders immediately.

### Display Faults

1. In Access Level 1, select the Display Faults menu. The panel displays all active faults on the system. (e.g. Zone 1 O/C Fault, Zone 2 S/C Fault, etc.)
2. Scroll the display through all active faults using the Scroll (up) ▲ and Scroll (down) ▼ buttons.
3. Press the Escape ◀ button to return to the Access Level 1 menu.

### Display Dis/mnt

The Display Disablements menu displays all active disablements on the system. An Access Level 2 user sets disablements.

1. In Access Level 1, select the Display Dis/mnt menu. The panel displays all active disablements on the system (e.g. Zone 1 disabled, etc.)
2. Scroll the display through all active disablements using the Scroll (up) ▲ and Scroll (down) ▼ buttons.
3. Press the Escape ◀ button to return to the Access Level 1 menu.

### Zones in Test

This menu displays all detection zones that are currently in test mode on the system. A system engineer can only put zones into test mode.

1. In Access Level 1, select the Zones in Test menu. The panel displays all zones currently in test on the system (e.g. Zone 1 is on Test, etc.)
2. Scroll the display through all active zones in test using the Scroll (up) ▲ and Scroll (down) ▼ buttons.
3. Press the Escape ◀ button to return to the Access Level 1 menu.



## EP203 AUTOMATIC EXTINGUISHER PANEL

### Lamp Test

All LED indicators can be tested at anytime by selecting using this menu.

1. In Access Level 1, select the Lamp Test menu. All the panel's LEDs will illuminate steady for approx. 2 secs. The panel's internal sounder will also sound. If any LEDs fail to illuminate report the fault to the designated site engineer and make a note in the Log Book.
2. On completion, the display returns to the Access Level 1 menu.

### Alarm Counter

1. In Access Level 1, select the Alarm Counter menu. The total number of times the panel has been in a fire alarm condition is displayed.
2. Press the Escape ◀ button to return to the Access Level 1 menu.

## Authorised User Controls (Access Level 2)

The functions that can be performed in Access Level 2, by turning the panel-mounted keyswitch to the accessed position "I" are:

- Manually activate the extinguishant release
- Mute the internal sounder
- Silence the alarm sounders
- Resound the alarm sounders
- Reset an alarm condition.

Also, the LCD unit displays the following menu:

| MENU            | SUB-MENU        | DESCRIPTION  |
|-----------------|-----------------|--|
| Display Faults  | -               | See Access Level 1   |
| Display Dis/mnt | -               | See Access Level 1   |
| Zones In Test   | -               | See Access Level 1   |
| Lamp Test       | -               | See Access Level 1   |
| Alarm Counter   | -               | Displays the number of times a fire alarm condition has occurred on the panel. Also, resets the counter. |
| Set Time/Date   | -               | Adjusts the panel's date & time settings   |
| Event Log       | Show Log        | Displays the panel's event log   |
|                 | Log Reset       | Resets the panel's event log   |
| Disp Contrast   | -               | Adjusts the contrast of the LCD unit   |
| Disablements    | Disable Exting  | Disables/enables the extinguishant system (extinguishant output & 2nd stage sounder).                    |
|                 | Disable Zone    | Disables/enables detection zones   |
|                 | Disable Sounder | Disables/enables fire sounders   |
|                 | Disable Sndrdel | Disables/enables fire sounder delay  |
|                 | Disable Input   | Disables/enables monitored inputs  |
|                 | Disable Relay   | Disables/enables auxiliary relay outputs   |
|                 | Disable RSU     | Disables/enables Remote Status Units   |

**Note:** Two 'floating' menus (Start Extract & Stop Extract) are also displayed for a level 2 user when the Extract Option is selected as fitted by an engineer. These menus appear at the end of the flooding period, prior to reset, and start or stop the ventilation extract fan respectively.

### Alarm Counter

1. In Access Level 2, select the Alarm Counter menu. The total number of times the panel has been in a fire alarm condition (since last reset) is displayed.
2. Press the Escape ◀ button to return to the Access Level 2 menu, or to clear the alarm counter, press the Accept ▶ button. The panel requests confirmation to clear to today's date.
3. Press the Accept ▶ button to reset the counter. The panel will start counting any new fire conditions from the current date. A confirmation message confirms the change has been made and the display returns to the Access Level 2 menu.

### Set Time/Date

1. In Access Level 2, select the Set Time/Date menu. The panel's current time setting is displayed.
2. Use the Scroll (up) ▲ and Scroll (down) ▼ buttons to adjust the hour (the panel has a 24 hour clock).
3. When the correct hour is displayed, press the Accept ▶ button to move to the minutes field.
4. Use the Scroll (up) ▲ and Scroll (down) ▼ buttons to adjust the minutes.
5. When the correct time is displayed, press the Accept ▶ button to alter the date.
6. Use the Scroll (up) ▲, Scroll (down) ▼ and Accept ▶ buttons to set the day/month/year, as appropriate.
7. When correct, press the Escape ◀ button to return to the Access Level 2 menu.

### Event Log

1. In Access Level 2, select the Event Log menu, select Show Log sub-menu. The panel's last event log is displayed.
2. Use the Scroll (up) ▲ and Scroll (down) ▼ buttons to view the previously saved events. When the log is full, the newest record replaces the oldest record. Events are listed in chronological order.
3. Press the Escape ◀ button to return to the previous menu.
4. To reset the panel's event log, in Access Level 2, select the Event Log menu, then select Log Reset sub-menu. The panel requests confirmation to erase the event log.
5. Press the Accept ▶ button to confirm and the event log is cleared from the panel's memory.
6. Press the Escape ◀ button to return to the previous menu.

### Disp Contrast

1. In Access Level 2, select the Disp Contrast menu. The panel's current LCD display contrast is displayed.
2. Use the Scroll (up) ▲ and Scroll (down) ▼ buttons to adjust the contrast of the LCD unit.
3. Press the Accept ▶ button to confirm the new setting and return to the Access Level 2 menu.

### Disabling

The Disabling menu allows the temporary disabling, or enabling of the extinguishant system, detection zones, sounders, monitored inputs, relays and RSUs. Typically used when there are input/output faults and for system testing.

Any active disabling are displayed at the EP203 panel by the General Disabling and relevant disabling yellow LEDs lit steady.

**Note:** It is recommended all disabling are immediately enabled when no longer required as they can have a major effect on how the system works.

#### Disable Exting

This sub-menu allows the disabling/enabling of the extinguishant system.

1. From the Disabling menu, select the Disable Exting sub-menu.
2. Press the Accept ► button to disable/enable the extinguishant system.
3. Press the Escape ◀ button to return to the Disabling menu.

**Note:** 'Exting System Disabled' will also be displayed at any Remote Status Units (RSUs) connected on the system.

#### Disable Zone

This sub-menu allows the disabling/enabling of one, or more of the panel's three detection zones. Disabled zones do not report fire, or fault conditions.

1. From the Disabling menu, select the Disable Zone sub-menu.
2. Select the detection zone(s) to be disabled/enabled using the Scroll (up) ▲ and Scroll (down) ▼ buttons.
3. Press the Accept ► button to disable/enable a selected zone.
4. Press the Escape ◀ button to return to the Disabling menu.

#### Disable Sounder

This sub-menu allows the disabling/enabling of the fire sounders from sounding in a fire condition.

1. From the Disabling menu, select Disable Sounder.
2. Press the Accept ► button to disable/enable the sounder circuit.
3. Press the Escape ◀ button to return to the Disabling menu.

#### Disable SndrDel

The sounder delay sub-menu allows the disabling/enabling of a fire sounder delay in a fire condition.

1. From the Disabling menu, select Disable SndrDel.
2. Press the Accept ► button to disable/enable the delay on the sounder circuit.
3. Press the Escape ◀ button to return to the Disabling menu.

### Disable Input

This sub-menu allows the disabling/enabling of one, or more of the panel's six monitored inputs: Manual Release, Flow Switch, Low Pressure, Mode, Hold and Abort.

1. From the Disablements menu, select Disable Input.
2. Select the input(s) to be disabled/enabled using the Scroll (up) ▲ and Scroll (down) ▼ buttons.
3. Press the Accept ► button to disable/enable the selected input.
4. Press the Escape ◀ button to return to the Disablements menu.

### Disable Relay

This sub-menu allows the disabling/enabling of one, or more of the panel's six auxiliary relay outputs: Fire, Local Fire, Extract, 1st Stage\*, 2nd Stage\* and Fault\*\*.

**Note:** If an Output Expansion Relay Board is fitted, this sub-menu also allows the disabling/enabling of one, or more of the card's five relay outputs: Reset, Mode, Discharged, Hold and Abort.

1. From the Disablements menu, select Disable Relay.
2. Select the relay output(s) to be disabled/enabled using the Scroll (up) ▲ and Scroll (down) ▼ buttons.
3. Press the Accept ► button to disable/enable the selected relay output.
4. Press the Escape ◀ button to return to the Disablements menu.



\* **Note 1:** If the 1st and 2nd stage relay outputs are both disabled followed by an extinguishant released condition, then re-enabling the 1st and 2nd stage relay outputs results in only the 1st stage relay output being activated. However, subsequent extinguishant release conditions will cause the 2nd stage relay to be activated as expected.

\*\* **Note 2:** Disabling the fault relay output makes the system non-compliant with EN 54-2.

### Disable RSU

This sub-menu allows the disabling/enabling of one, or more of the panel's Remote Status Units.

1. From the Disablements menu, select Disable RSU.
2. Select the RSU(s) to be disabled/enabled using the Scroll (up) ▲ and Scroll (down) ▼ buttons.
3. Press the Accept ► button. The panel requests confirmation.
4. Scroll (down) ▼ to confirm the change.
5. Press the Accept ► button to disable/enable the selected RSU. The Disablements menu is displayed.

**Note:** 'RSU Disabled' will be displayed at the RSU that has been disabled.

## SYSTEM SET-UP DATA CHART

**Important:** This chart should be completed by an authorised engineer prior to system handover. Complete the appropriate setting box.

| FUNCTION               | SETTING   | DESCRIPTION   |
|------------------------|---|---|
| ZONE SELECTION         |   | The zone (Z1, Z2, Z3) combination that starts the extinguishant release sequence.   |
| EXTINGUISHANT DELAY    | ..... secs  | The countdown duration before the extinguishant is released. Adjustable between 0-60 seconds.   |
| EXTINGUISHANT DURATION | ..... secs  | The duration of the firing signal to the extinguishant output. Adjustable between 1-300 seconds.  |
| FLOODING TIME          | ..... secs  | The duration for release of extinguishant. Adjustable between 60-1740 seconds.  |
| EXTRACT OPTION         | FITTED ..... <input type="checkbox"/><br>NOT FITTED..... <input type="checkbox"/>   | Selects whether a ventilation extract fan is fitted, or not.  |
| EXTRACT TIME           | ..... secs  | The duration for the ventilation extract fan operation. Adjustable between 1-900 seconds.   |
| FLOW OPTION            | FITTED ..... <input type="checkbox"/><br>NOT FITTED..... <input type="checkbox"/>   | Selects whether a flow switch is fitted, or not.  |
| SOUNDER DELAY          | ..... secs  | The time delay before the fire sounders operate. Adjustable between 0-600 seconds.  |
| EXT OUTPUT EOLS        | 1 x EOL ..... <input type="checkbox"/><br>2 x EOL ..... <input type="checkbox"/>  | The number of extinguisher System Line Terminators. Set at either 1 or 2.   |
| MODE EXCEPTIONS        | MODE FAULT: Manual Only <input type="checkbox"/><br>Auto/Manual <input type="checkbox"/><br>MODE DISABLED: Manual Only <input type="checkbox"/><br>Auto/Manual <input type="checkbox"/> | The default setting when the mode input is in Fault and/or Disabled. Set at either Manual Only or Auto/Manual mode.                               |
| EARTH FAULT            | ENABLED ..... <input type="checkbox"/><br>DISABLED ..... <input type="checkbox"/>   | Enables, or disables the panel's earth fault monitoring. <b>Note:</b> Earth fault monitoring must be enabled to meet the requirements of EN 54-2. |
| MANUAL RELEASE MODE    | DELAYED ..... <input type="checkbox"/><br>IMMEDIATE ..... <input type="checkbox"/>  | The manual release of extinguishant is delayed, or immediate. Extinguishant delay remains active on automatic detection.                          |

| ADDITIONAL INFORMATION  |
|---|
| Any additional information the user needs to be aware of is detailed below: |
|   |

THE INFORMATION ABOVE WAS COMPLETED BY (Name): \_\_\_\_\_  
 OF (Company): \_\_\_\_\_ ON (Date): \_\_\_/\_\_\_/\_\_\_

## FIRE ALARM/EXTINGUISHER PANEL LOG BOOK

It is recommended that this log book be maintained by a responsible person, who should ensure that every entry is properly recorded. In the UK, this is necessary to satisfy the recommendations of BS 5839-1, compliance with which may be a requirement of legislation. If your premises are certificated under the Fire Precautions Act 1971, failure to keep a suitable log book may be a breach of the requirements of the certificate, which is a criminal offence. In order to satisfy the requirements of BS 5839-1, the following must be recorded:

- Name of the responsible person
- Brief details of the maintenance arrangements
- Dates and times of all tests, including fire drills
- Dates and times of all fires to which the system responds
- Dates and times of all false alarms
- Causes, circumstances surrounding, and category of false alarms (if known)
- The identity of any fire detector that triggers any of the above fire alarm/extinguisher signals (if known)
- Dates, times and type of all faults and defects
- Dates and times of all maintenance (e.g. service visit, or non-routine attention).

USER:

SITE ADDRESS:

RESPONSIBLE PERSON(S) ON SITE:

THE SYSTEM WAS DESIGNED BY:

THE SYSTEM WAS INSTALLED BY:

THE SYSTEM WAS COMMISSIONED BY:

THE SYSTEM WAS ACCEPTED BY:

VERIFICATION WAS UNDERTAKEN BY:

**FOR SERVICE** (DETAILS OF WHO YOU SHOULD CONTACT IF MAINTENANCE IS REQUIRED)

THE SYSTEM IS MAINTAINED UNDER CONTRACT BY:

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Contact No: \_\_\_\_\_ Expiry Date: \_\_\_\_\_

NORMAL HOURS (MON-FRI) TEL: \_\_\_\_\_

OUTSIDE NORMAL HOURS TEL: \_\_\_\_\_

MANNED CENTRE TEL: \_\_\_\_\_

MANNED CENTRE CODE: \_\_\_\_\_

NORMAL MAXIMUM ATTENDANCE TIME FOR A MAINTENANCE TECHNICIAN IS: \_\_\_\_\_

EXPENDABLE COMPONENT REPLACEMENT PERIODS (LIST):

**EP203 AUTOMATIC EXTINGUISHER PANEL**

---

Details of tests (including fire drills), actual fire alarms, disablements, enablements and faults should be recorded here. False alarms and maintenance work should be recorded on page 18.

| DATE | TIME | EVENT e.g. test, fire alarm signal, fault | ZONE | DEVICE | ACTION REQUIRED | COMPLETED | INITIALS |
|------|------|---|------|--------|-----------------|-----------|----------|
|      |      |   |      |        |                 |           |          |
|      |      |   |      |        |                 |           |          |
|      |      |   |      |        |                 |           |          |
|      |      |   |      |        |                 |           |          |
|      |      |   |      |        |                 |           |          |
|      |      |   |      |        |                 |           |          |
|      |      |   |      |        |                 |           |          |
|      |      |   |      |        |                 |           |          |
|      |      |   |      |        |                 |           |          |
|      |      |   |      |        |                 |           |          |
|      |      |   |      |        |                 |           |          |
|      |      |   |      |        |                 |           |          |
|      |      |   |      |        |                 |           |          |
|      |      |   |      |        |                 |           |          |
|      |      |   |      |        |                 |           |          |
|      |      |   |      |        |                 |           |          |

**EP203 AUTOMATIC EXTINGUISHER PANEL**

---

| DATE | TIME | EVENT e.g. test, fire alarm<br>signal, fault | ZONE | DEVICE | ACTION REQUIRED | COMPLETED | INITIALS |
|------|------|--|------|--------|-----------------|-----------|----------|
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |



---

**EP203 AUTOMATIC EXTINGUISHER PANEL**

---

| DATE | TIME | EVENT e.g. test, fire alarm<br>signal, fault | ZONE | DEVICE | ACTION REQUIRED | COMPLETED | INITIALS |
|------|------|--|------|--------|-----------------|-----------|----------|
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |
|      |      |  |      |        |                 |           |          |

**EP203 AUTOMATIC EXTINGUISHER PANEL**

**False Alarms**

| DATE | TIME | ZONE | DEVICE THAT TRIGGERED ALARM SIGNAL | CAUSE (IF KNOWN) | BRIEF CIRCUMSTANCES (WHERE CAUSE IS UNKNOWN RECORD ACTIVITIES IN THE AREA) | MAINTENANCE VISIT REQUIRED? (YES OR NO) | FINDINGS OF MAINTENANCE TECHNICIAN | CATEGORY OF FALSE ALARMS | FURTHER ACTION REQUIRED | DONE PLEASE TICK |
|------|------|------|------------------------------------|------------------|--|---|------------------------------------|--------------------------|-------------------------|------------------|
|      |      |      |                                    |                  |  |   |                                    |                          |                         |                  |
|      |      |      |                                    |                  |  |   |                                    |                          |                         |                  |
|      |      |      |                                    |                  |  |   |                                    |                          |                         |                  |
|      |      |      |                                    |                  |  |   |                                    |                          |                         |                  |
|      |      |      |                                    |                  |  |   |                                    |                          |                         |                  |
|      |      |      |                                    |                  |  |   |                                    |                          |                         |                  |
|      |      |      |                                    |                  |  |   |                                    |                          |                         |                  |
|      |      |      |                                    |                  |  |   |                                    |                          |                         |                  |
|      |      |      |                                    |                  |  |   |                                    |                          |                         |                  |
|      |      |      |                                    |                  |  |   |                                    |                          |                         |                  |
|      |      |      |                                    |                  |  |   |                                    |                          |                         |                  |
|      |      |      |                                    |                  |  |   |                                    |                          |                         |                  |
|      |      |      |                                    |                  |  |   |                                    |                          |                         |                  |
|      |      |      |                                    |                  |  |   |                                    |                          |                         |                  |
|      |      |      |                                    |                  |  |   |                                    |                          |                         |                  |

**Maintenance Work**

| DATE | TIME | ZONE (WHERE APPLICABLE) | DEVICE (WHERE APPLICABLE) | REASONS FOR WORK | WORK CARRIED OUT | FURTHER WORK REQUIRED | SIGNATURE |
|------|------|-------------------------|---------------------------|------------------|------------------|-----------------------|-----------|
|      |      |                         |                           |                  |                  |                       |           |
|      |      |                         |                           |                  |                  |                       |           |
|      |      |                         |                           |                  |                  |                       |           |
|      |      |                         |                           |                  |                  |                       |           |
|      |      |                         |                           |                  |                  |                       |           |
|      |      |                         |                           |                  |                  |                       |           |
|      |      |                         |                           |                  |                  |                       |           |
|      |      |                         |                           |                  |                  |                       |           |
|      |      |                         |                           |                  |                  |                       |           |
|      |      |                         |                           |                  |                  |                       |           |
|      |      |                         |                           |                  |                  |                       |           |
|      |      |                         |                           |                  |                  |                       |           |
|      |      |                         |                           |                  |                  |                       |           |
|      |      |                         |                           |                  |                  |                       |           |
|      |      |                         |                           |                  |                  |                       |           |
|      |      |                         |                           |                  |                  |                       |           |
|      |      |                         |                           |                  |                  |                       |           |
|      |      |                         |                           |                  |                  |                       |           |
|      |      |                         |                           |                  |                  |                       |           |
|      |      |                         |                           |                  |                  |                       |           |
|      |      |                         |                           |                  |                  |                       |           |
|      |      |                         |                           |                  |                  |                       |           |
|      |      |                         |                           |                  |                  |                       |           |

## INSTALLATION CERTIFICATE

BS 5839-1 recommends that certificates be issued for all aspects of the fire alarm/extinguisher system including design, installation, commissioning, acceptance, verification (optional) and maintenance. Therefore, before this user manual is handed over, the following installation certificate and the commissioning certificate (overleaf) should be completed as appropriate by the relevant installation/commissioning engineer(s). Please ensure that the system set-up data chart and the relevant parts of the system Log Book are also completed as appropriate. For countries outside the UK, different certification requirements may apply.

# Certificate

## of INSTALLATION for the fire alarm/extinguisher system at:

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I/we being the competent person(s) responsible (as indicated by my/our signatures below) for the installation of the fire alarm/extinguisher system, particulars of which are set out below, CERTIFY that the said installation for which I/we have been responsible complies to the best of my/our knowledge and belief with the specification described below and with the recommendations of Section 4 of BS 5839-1, except for the variations, if any, stated in this certificate.

Name (in block letters): \_\_\_\_\_  
Position (in block letters): \_\_\_\_\_  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
For and on behalf of: \_\_\_\_\_  
Address & postcode: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

The extent of the liability of the signatory is limited to the system described below.

Extent of installation work covered by this certificate:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Specification against which the system was installed:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Variations from the specification and/or Section 4 of BS 5839-1 (see BS 5839-1, Clause 7):  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Wiring has been tested in accordance with the recommendations of Clause 38 of BS 5839-1.  
Test results have been recorded and provided to: \_\_\_\_\_

Unless supplied by others, the "as fitted" drawings have been supplied to the person responsible for commissioning the system (see 42.2) of BS 5839-1: \_\_\_\_\_

## COMMISSIONING CERTIFICATE

BS 5839-1 recommends that certificates be issued for all aspects of the fire alarm/extinguisher system including design, installation, commissioning, acceptance, verification (optional) and maintenance. Therefore, before this user manual is handed over, the following commissioning certificate and the installation certificate (overleaf) should be completed as appropriate by the relevant installation/commissioning engineer(s). Please ensure that the system set-up data chart and the relevant parts of the Log Book are also completed as appropriate. For countries outside the UK, different certification requirements may apply.

# Certificate

## of COMMISSIONING

for the fire alarm/extinguisher system at:

Address: \_\_\_\_\_

I/we being the competent person(s) responsible (as indicated by my/our signatures below) for the commissioning of the fire alarm/extinguisher system, particulars of which are set out below, CERTIFY that the said work for which I/we have been responsible complies to the best of my/our knowledge and belief with the specification described below and with the recommendations of Clause 39 of BS 5839-1, except for the variations, if any, stated in this certificate.

Name (in block letters): \_\_\_\_\_

Position (in block letters): \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

For and on behalf of: \_\_\_\_\_

Address & postcode: \_\_\_\_\_

The extent of the liability of the signatory is limited to the system described below.

Extent of system covered by this certificate:

\_\_\_\_\_

Variations from the recommendations of Clause 39 of BS 5839-1 (see BS 5839-1, Clause 7):

\_\_\_\_\_

- All equipment operates correctly.
- Installation work is, as far as can reasonably be ascertained, of an acceptable standard.
- The entire system has been inspected and tested in accordance with the recommendations of 39.2c of BS 5839-1.
- The system performs as required by the specification prepared by: \_\_\_\_\_ a copy of which I/we have been given.
- Taking into account the guidance contained in Section 3 of BS 5839-1, I/we have not identified any obvious potential for an unacceptable rate of false alarms.
- The documentation described in Clause 40 of BS 5839-1 has been provided to the user.

The following work should be completed before/after (delete as applicable) the system becomes operational:

\_\_\_\_\_

The following potential cause(s) of false alarms should be considered at time of next service visit:

\_\_\_\_\_

Before the system becomes operational, it should be soak tested in accordance with the recommendations of 35.2.6 of BS 5839-1 for a period of: \_\_\_\_\_ (enter a period of either one week, such period as required by the specification, or such period as recommended by the signatory of this certificate, whichever is the greatest, or delete if not applicable).