

CVMSI.com

Addressable fire protection control unit



OPERATING MANUAL

WARNING

We are constantly striving to improve our products and therefore must reserve the right to modify the information contained in this document at any time.

Our company cannot accept any responsibility for the misuse of or failure to follow the information contained in this document.

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INSTRUCTIONS FOR USE

FIRE ALARM		FAULT	
Red FIRE light(s) lit buzzer sounding continuously		Yellow FAULT light(s) lit buzzer sounding intermittently	
Stop the buzzer with the button	STOP ACOUSTIC SIGNALS	Stop the buzzer with the button	STOP ACOUSTIC SIGNALS
Find the origin of the fire and apply your company's security instructions		Find and remove the cause of the fault	
<p>Regulations :</p> <p>Access levels for use and maintenance of the Fire Protection System relate to the level of competence of the user</p> <p>Level I : responsible for supervision</p> <p>Level II : responsible for security in particular</p> <p>Level III : maintenance and checks</p> <p>Every detection system must be covered by a maintenance contract with a qualified installer.</p> <p>Personnel responsible for the maintenance of a Fire Protection System must be trained to follow the procedure laid down by the manufacturer for each item of equipment.</p>			

Putting the system back on standby should be carried out by a competent person with level 2 access.

TO ORDER OR STOP AN EVACUATION

To command an evacuation :

Press the "EVACUATION" button for 3 seconds.

To stop an automatic evacuation :

Set the panel to access level 2 and push the "STOP PROCESS" button. The "ALARM" light will go out (This is possible only if the EVACUATION indicator is off).

1. Description

1.1. General principles

WARNING

The panels operates on the basis of access levels

Level 1

It allows the user to carry out commands which do not alter the status of the control unit (silence audible indications, testing of indications,...)

Level 2

It allows a user to carry out normal operating procedures (enabling detection zones, disabling detection zones, resetting, ...)

Level 3

It is reserved for the installer / maintainer and enables the use of commands connected with maintenance and setting.

Level 1 is included in level 2.

Level 2 is included in level 3.

Levels 2 & 3 are accessed via a code.

The following codes are available :

- A level 2 code "user",
- A level 2 code "responsible",
- A level 3 code "user maintenance",
- A level 3 code "maintenance".

If not used for more than 30 seconds the CMSI.Com automatically returns to access level 1.

When a correct code is entered, the control unit emits two beeps and the current level of access is indicated on the upper right of the screen.

Each time a button is pressed it emits a brief beep.

If an operation not authorised by the current access level is requested, the screen will ask for the correct code to be entered.

With the exception of power failures and position faults, for fire protection features which reset as soon as they disappear, all fires and faults are memorised.

During operation, pressing the "return" button on the contextual menu on the last line on the left will recall the previous display.

Should an incident occur during an operation, the control unit will quit the current menu and directly display the incident.

Important : The immediate display of events is carried out in the following order of priority :

- 1- Fire,
- 2- Protection / Evacuation,
- 3- Test zone + Fire,
- 4- Fault,
- 5- Command

If a fire is detected the following type of screen is displayed : (CMSI type B) :

28/08 a 15:31 Call point activated
Zone 1 Ground floor warehouse
Address 01101 Main entrance

1 Zone(s) on fire Scroll Instruct

1.2. Description of command

The buttons for command are split into 6 groups :

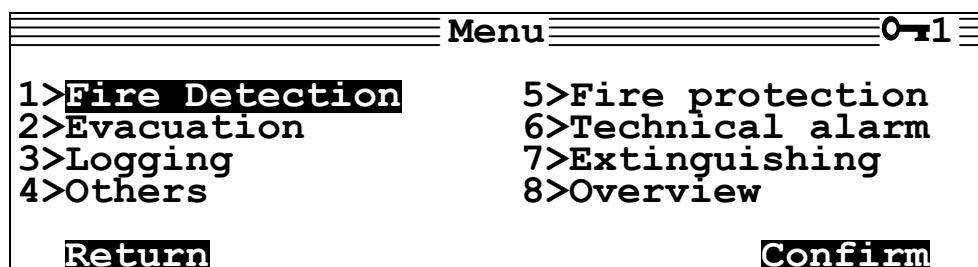
1 – dedicated buttons for every day simple operations :

- SILENCE,
- INDICATOR TEST,
- CODE.

2 – buttons linked to a menu on the display :

- RESET,
- EVENTS.

3- advanced functions accessible by the "MENU" button.



Note : only options 1 ▶ Fire detection, 2 ▶ Evacuation, 3 ▶ Logging, 4 ▶ Others, 5 ▶ Fire protection and 8 ▶ Overview are active.

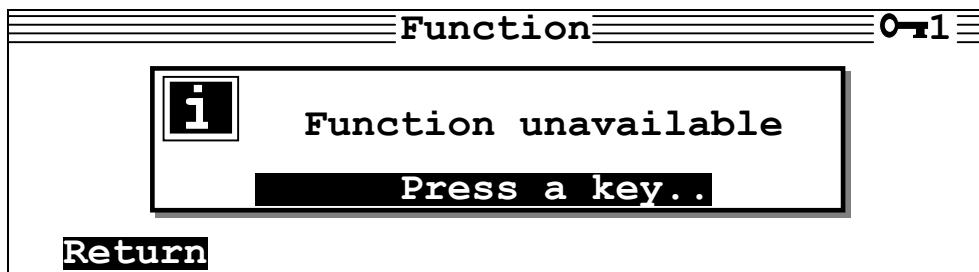
4 – a numeric keypad (buttons 0 to 9).

5 – scrolling buttons ◀ ▲ ▼ ▶ allowing movement of the cursor (shadowed area) within the display.

6 – a row of buttons ▲ ▲ ▲ ▲ just below the display allowing selection of items on the contextual menu on the last line of the display.

1.3. Unavailable function

Should an unavailable function that is displayed in the menu be selected, the following screen is displayed :



2. List of Functions

FUNCTION	LEVEL 1	LEVEL 2 USER	LEVEL 2 RESPONSIBLE
GENERAL FUNCTIONS			
Silence buzzer	✓	✓	✓
Test indicators	✓	✓	✓
Overview	✓	✓	✓
Scrolling	✓	✓	✓
Check	✓	✓	✓
Status	✓	✓	✓
Resetting		✓	✓
Changing the date and time			✓
FUNCTIONS FOR FIRE DETECTION ZONES (CMSI TYPE B)			
View	✓	✓	✓
Review	✓	✓	✓
Enablement		✓	✓
Disablement		✓	✓
FUNCTIONS FOR EVACUATION ZONES			
Condition	✓	✓	✓
Review	✓	✓	✓
Activating sirens		✓	✓
De-activating sirens			
Automatic on		✓	✓
Automatic off		✓	✓

3. Generals command

3.1. Silence buzzer(Access levels 1, 2 and 3)

Aim :

- ⇒ Stopping the audible signals

Procedure :

- ⇒ Press the button "SILENCE"

3.2. Test indicators (access levels 1, 2 and 3)

Aim :

- ⇒ Test all audible and visual indicators

Procedure :

- ⇒ Press the button "INDICATORS TEST"

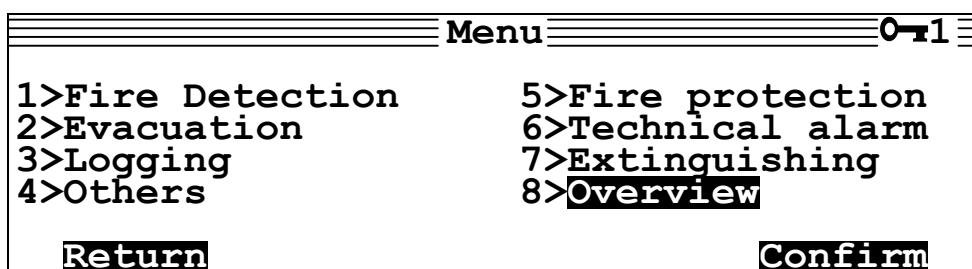
3.3. Overview (access levels 1, 2 and 3)

Aim :

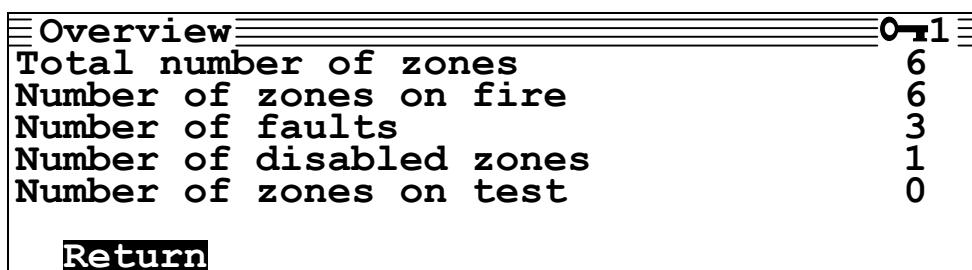
- ⇒ Show the general condition of the panel

Procedure :

- ⇒ Press the "MENU" button
- ⇒ Select "8 ► Overview".



- ⇒ Confirm,



3.4. Scrolling (access levels 1, 2 and 3)

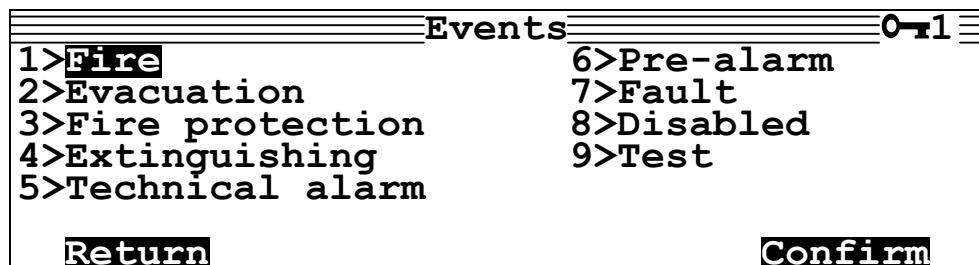
3.4.1. General command

Aim :

- ⇒ Show information which are not displayed

Procedure :

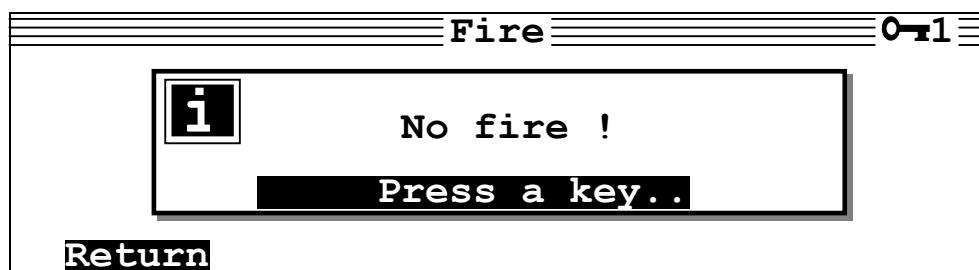
- ⇒ Press the "EVENTS" button (the cursor goes directly to option "1 ▶ Fire").



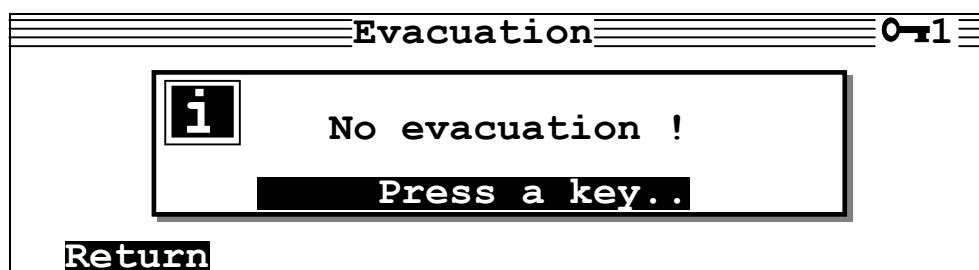
☞ **Note :** Only menus 1 ▶ Fire, 2 ▶ Evacuation, 3 ▶ Fire protection, 7 ▶ Fault, 8 ▶ Disabled and 9 ▶ Test are operational.

3.4.2. Screens displayed in the absence of events

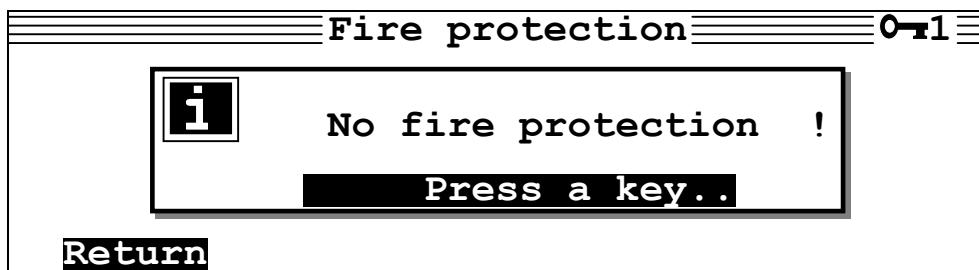
If the menu "1 ▶ Fire" is selected and there is no "Fire" detected, the following screen appears :



If menu "2 ▶ Evacuation" is selected and there is no evacuation in progress, the following screen appears :

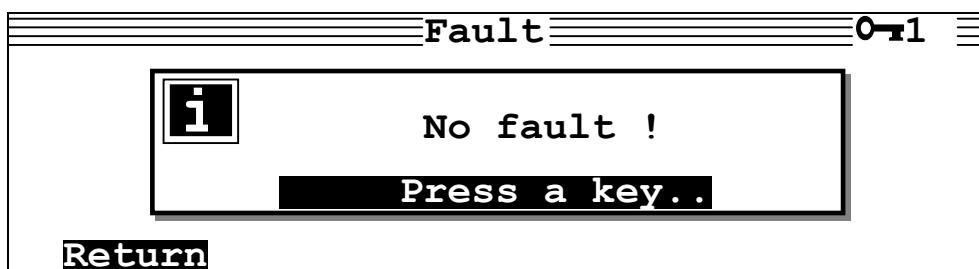


If the menu "3 ▶ Fire protection" is selected and there is no fire protection activated, the following screen appears :

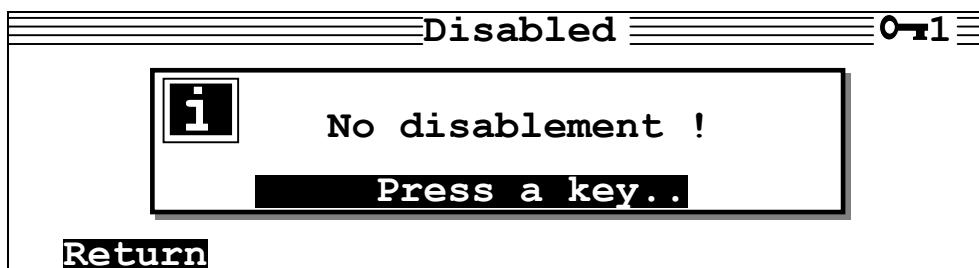


- ☛ * Note :At present, menus 4 ▶ Extinction, 5 ▶ Technical alarm and 6 ▶ Pre-alarm, are non operational.

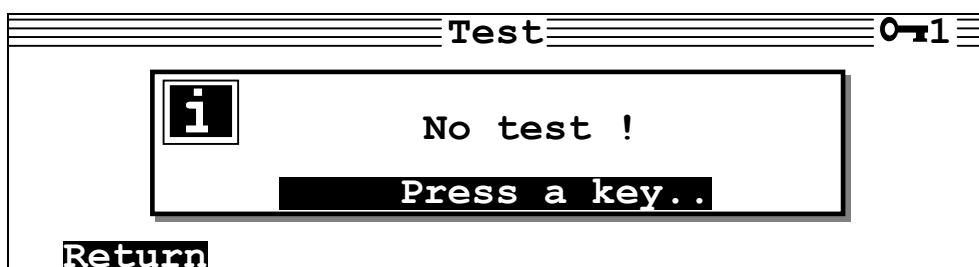
If the menu "7 ▶ Fault" is selected and there is no fault, the following screen appears



If the menu "8 ▶ Disabled" is selected and there is currently no area Disabled, the following screen appears :



If the menu "9 ▶ Test" is selected and there is no test in progress, the following screen appears :



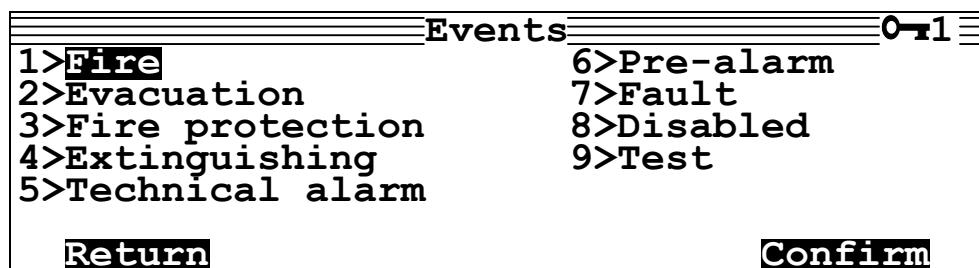
3.4.3. Fire displays

Aim :

- ⇒ Show the zone on fire,
- ⇒ Show the addresses on fire within a zone.

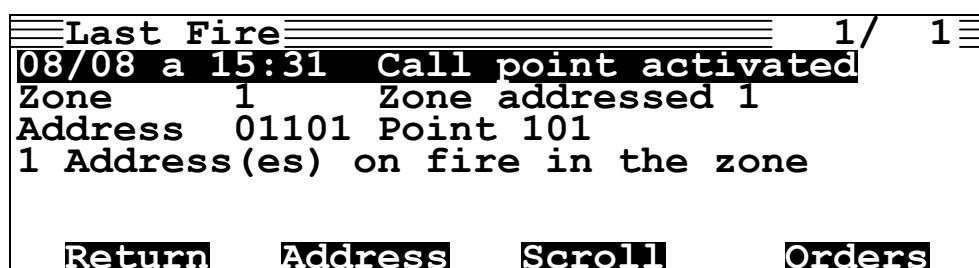
Procedure :

- ⇒ Press the "EVENTS" button,
- ⇒ Select option "1 ► Fire".



☞ **Note :** Only menus 1 ► Fire, 2 ► Evacuation, 3 ► Fire protection, 7 ► Fault, 8 ► Disabled and 9 ► Test are operational.

- ⇒ Confirm



☞ For further information see § 14 – Indications & commands for fire detection zones.

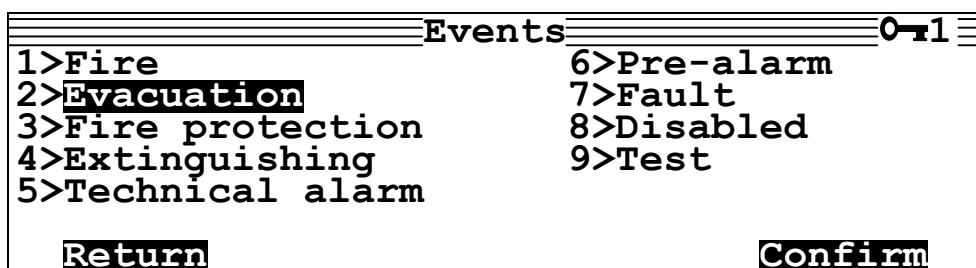
3.4.4. Display of evacuation zones in evacuation

Aim :

- ⇒ To view alarm evacuation zones currently being evacuated

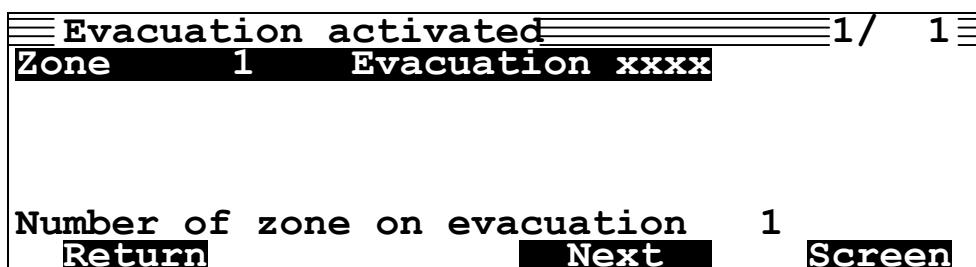
Procedure :

- ⇒ Press the "EVENTS" button
- ⇒ Select option "2 ▶ Evacuation".

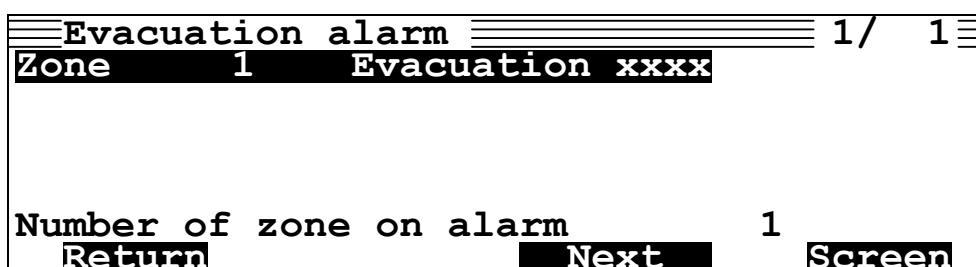


☞ **Note :** Only menus 1 ▶ Fire, 2 ▶ Evacuation, 3 ▶ Fire protection, 7 ▶ Fault, 8 ▶ Disabled and 9 ▶ Test are operational.

- ⇒ Confirm



- ⇒ Display a point in fire mode.



☞ For further information see evacuation functions (§ 15 - Indications and commands for evacuation zone).

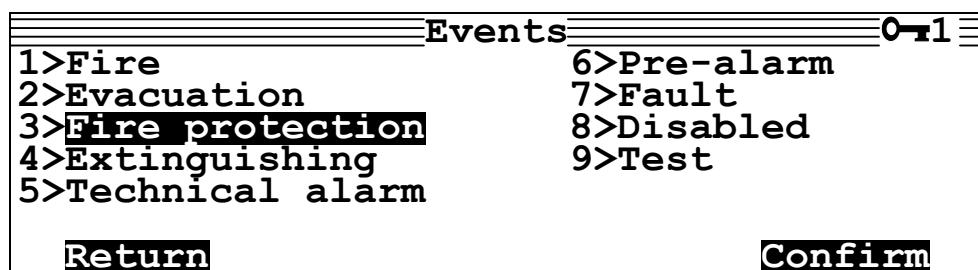
3.4.5. Displaying fire protection function in operation

Aim :

- ⇒ To show fire protections activated, their state and those of the OSDs controlled.

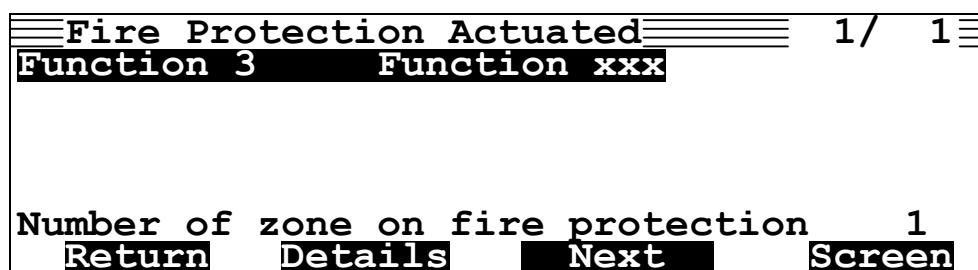
Procedure :

- ⇒ Press the "EVENTS" button
- ⇒ Select option "3 ▶ Fire protection".

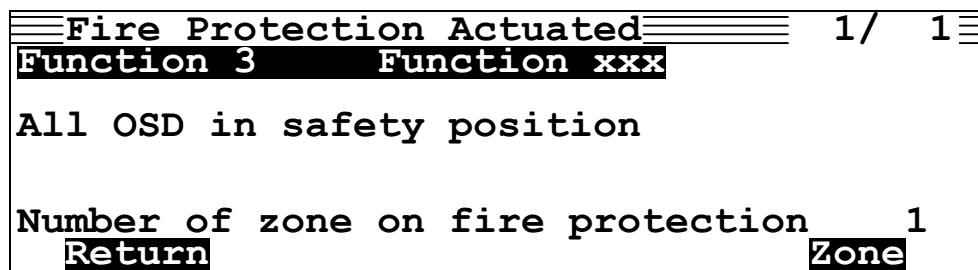


☞ **Note :** Only menus 1 ▶ Fire, 2 ▶ Evacuation, 3 ▶ Fire protection, 7 ▶ Fault, 8 ▶ Disabled and 9 ▶ Test are operational.

- ⇒ Confirm,



- ⇒ Details,



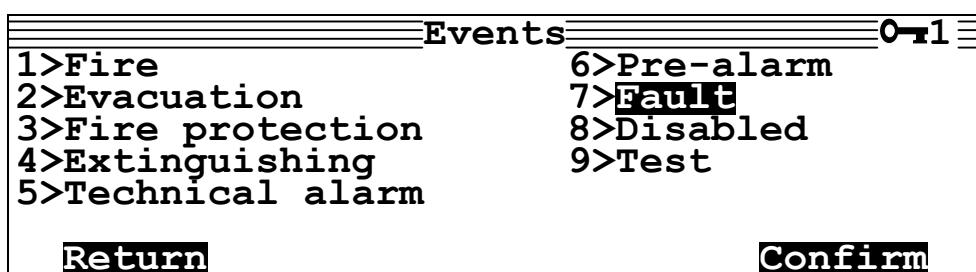
3.4.6. Displaying faults

Aim :

- ⇒ To show faults.

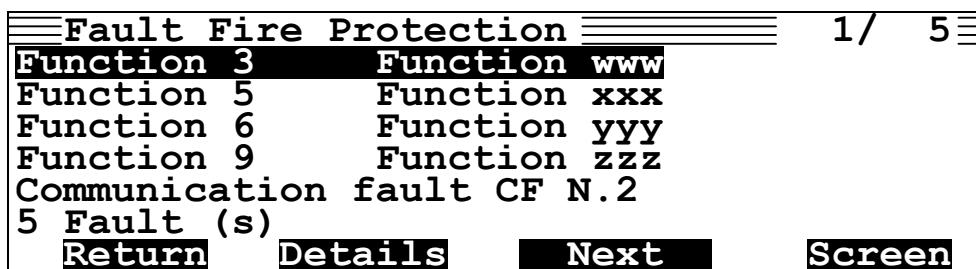
Procedure :

- ⇒ Press the "EVENTS" button
- ⇒ Select option "7 ▶ Fault".



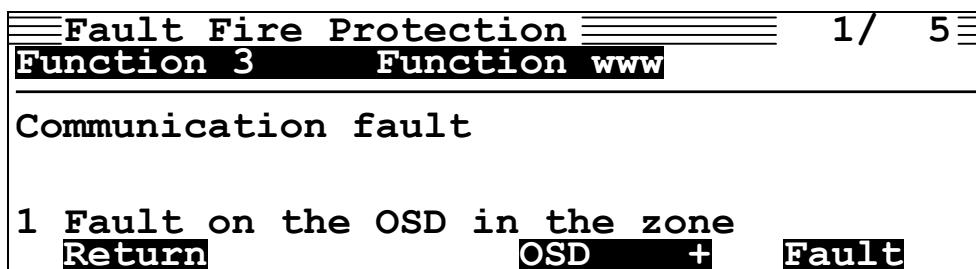
☞ Note : Only menus 1 ▶ Fire, 2 ▶ Evacuation, 3 ▶ Fire protection, 7 ▶ Fault, 8 ▶ Disabled and 9 ▶ Test are operational.

- ⇒ Confirm,



☞ Note : "Next" moves down one line; when the number of faults present is greater than that which can be displayed on a single screen, "Screen" allows the next set of faults to be displayed by jumping to the next screen.

- ⇒ Details,



"OSD +" displays screen B

⇒ Fault,

Fault Fire Protection		1 / 5
Function 3 Function www		
Safety ctrl line on OC		
3 OSD fault(s)		
Return	Fault +	OSD

"OSD" displays screen A

⇒ Fault +,

Fault Fire Protection		1 / 5
Function 3 Function www		
OSD line on OC		
3 OSD fault (s)		
Return	Fault -	Fault +
		OSD

"OSD" displays screen A

⇒ Fault +,

Fault Fire Protection		1 / 5
Function 3 Function www		
OSD on position fault		
3 OSD fault (s)		
Return	Fault -	OSD

"OSD" displays screen A

⇒ OSD +,

Fault Fire Protection		1 / 5
Function 3 Function www		
OSD 17 Voie 3.1		
Communication fault		
1 Fault on the OSD in the zone		
Return	OSD -	Fault

(B)

"OSD -" displays screen A

⇒ Fault,

Fault Fire Protection		1 / 5
Function 3	Function www	
OSD	17	Line 3.1
Communication fault		
1 OSD fault(s)		OSD
	Return	

"OSD" displays screen A

- The order of priority for the displaying of faults is : "Fire detection" ⇒ "Evacuation" ⇒ "Fire protection" ⇒ "Others".
-

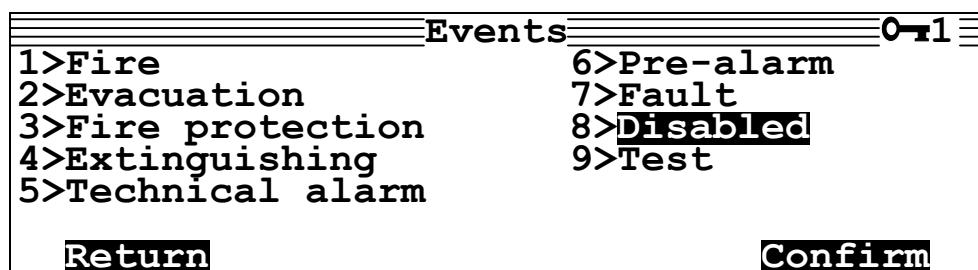
3.4.7. Displaying disabled zones

Aim :

- ⇒ To see what is currently "Disabled".

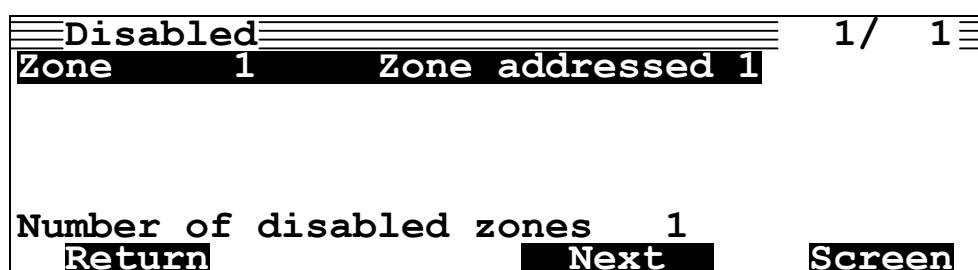
Procedure :

- ⇒ Press the "EVENTS" button
- ⇒ Select option "8 ▶ Disabled"



☞ **Note :** Only menus 1 ▶ Fire, 2 ▶ Evacuation, 3 ▶ Fire protection, 7 ▶ Fault, 8 ▶ Disabled and 9 ▶ Test are operational.

- ⇒ Confirm,



- Pressing the contextual menu button "Screen" displays the full events screen again.

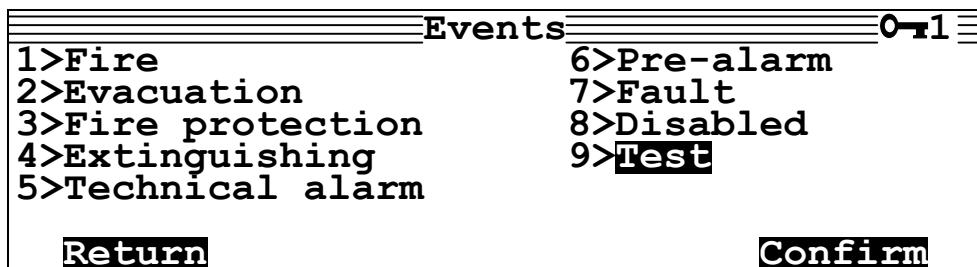
3.4.8. Displaying tests

Aim :

- ⇒ To show tests in progress.

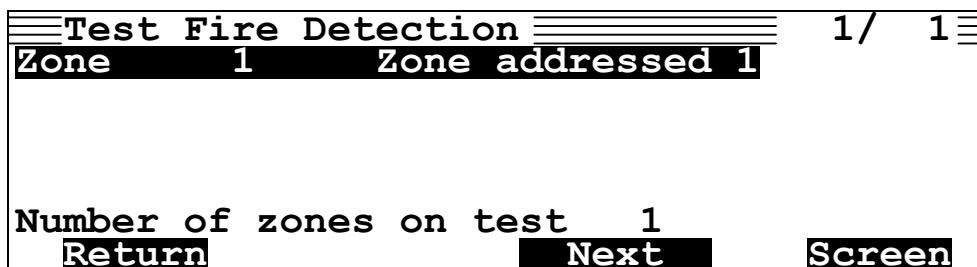
Procedure :

- ⇒ Press the "EVENTS" button
- ⇒ Select option "9 ▶ Test".



☞ Note : Only menus 1 ▶ Fire, 2 ▶ Evacuation, 3 ▶ Fire protection, 7 ▶ Fault, 8 ▶ Disabled and 9 ▶ Test are operational.

- ⇒ Confirm,



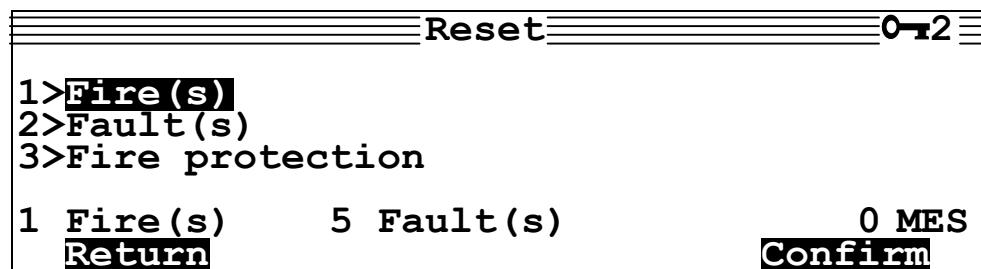
3.5. Resetting (level 2 and 3)

Aim :

- ⇒ Resetting :
 - Fires,
 - Faults,
 - Fire protection.

Procedure :

- ⇒ If necessary, pass to level 2 or 3.(Cf. 3.7 Entering a code),
- ⇒ Press the "RESET" button then select the type of reset required 1,2 or 3.



- ⇒ Confirm.

Note :

If the Fire reset is not carried out, check and if necessary have the relevant general detection zone put back into operating condition (connections – equipment) by suitably qualified technical support personnel.

1. Disable the relevant detection zone then, enable and check that the relevant general detection zone is operational,
2. If faults are signalled, carry out a fault reset and, if necessary have the relevant general detection zone put back into operating condition (connections – equipment) by suitably qualified technical support personnel.

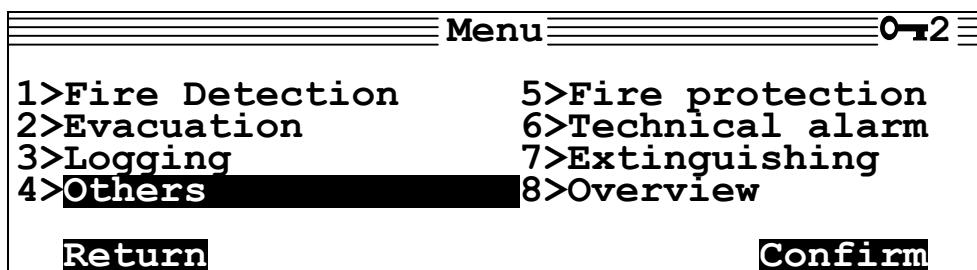
3.6. Changing the date and time (access level 2 and 3)

Aim :

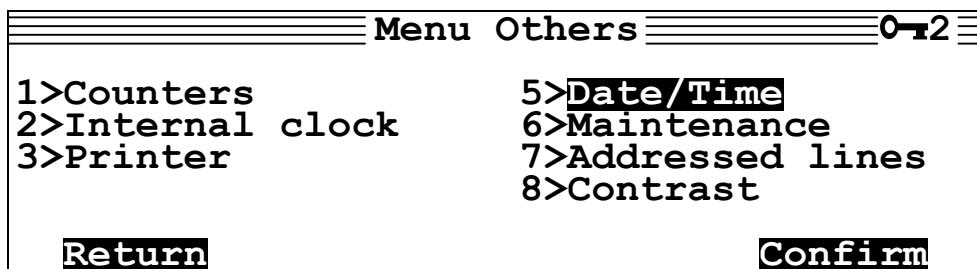
- ⇒ Setting the date and time.

Procedure :

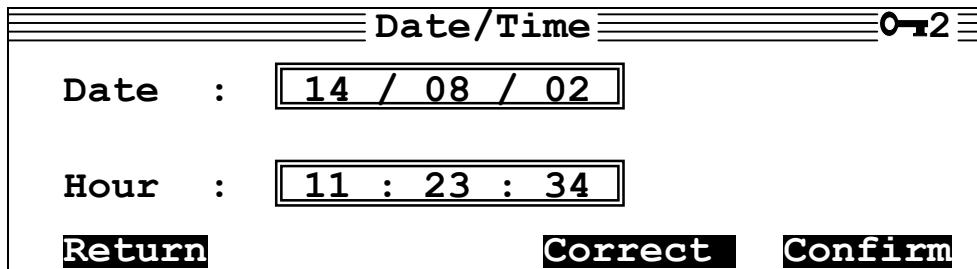
- ⇒ If necessary, pass to level 2 or 3,
- ⇒ Press the "MENU" button.



- ⇒ Confirm,



- ⇒ Confirm,



- ⇒ Confirm.

Note : The field to be changed will flash. To change it, enter the new figure using the numerical keypad and confirm using the "confirm" button on the contextual menu. If the figure is not to be changed, press the "confirm" button to move directly to the next field.

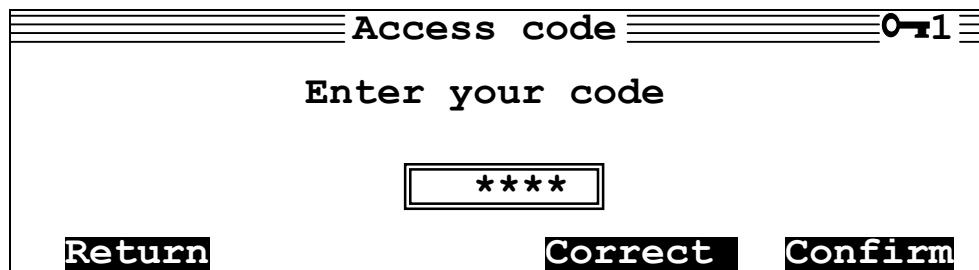
3.7. Entering a code

Aim :

- ⇒ Entering a level 2 code.

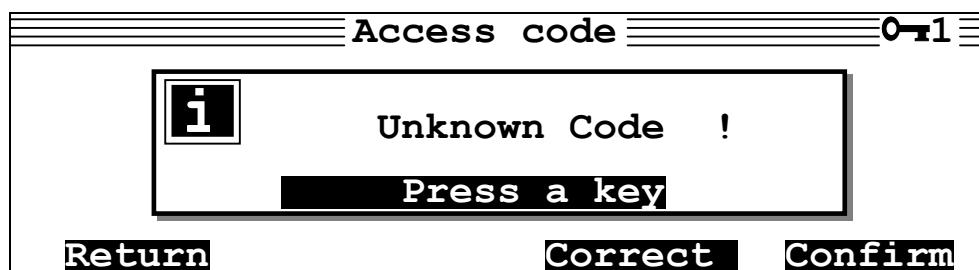
Procedure :

- ⇒ Press the "Code" button and enter your code.



- ⇒ Confirm.

If the code is wrong , the following screen is displayed.



Please, enter the right code.

- ⇒

3.8. Using the STATUS CHECK button

After pressing the STATUS CHECK button, the green STATUS lights of the Fire Protection area on the front of the unit should, for each function **with position control** :

- Remain illuminated for several seconds if that fonction is in waiting position
- Otherwise remain off

4. Fire detection functions

Note : only applies to CMSI type B (non NF)

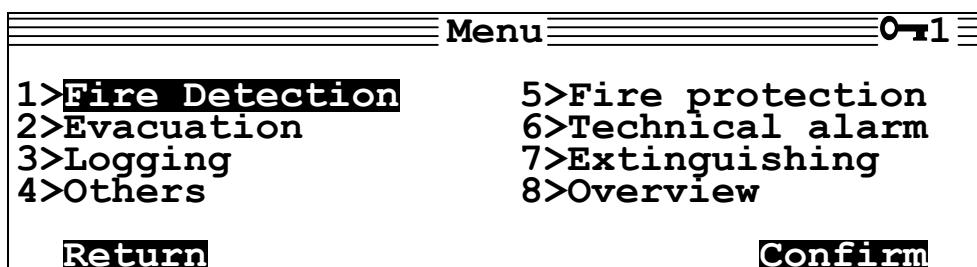
4.1. View of a zone or an address (levels 1, 2 and 3)

Aim :

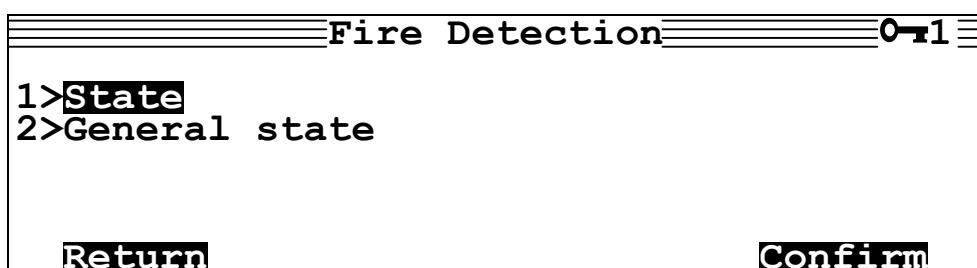
- ⇒ To find out the condition of a fire detection zone or an address.

Procedure :

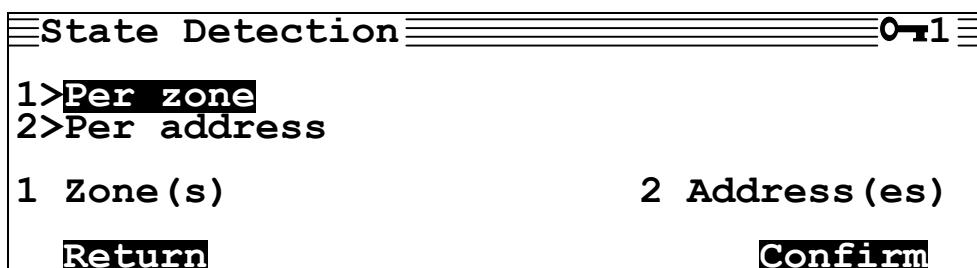
- ⇒ Press the "MENU" button.



- ⇒ Confirm,



- ⇒ Confirm,



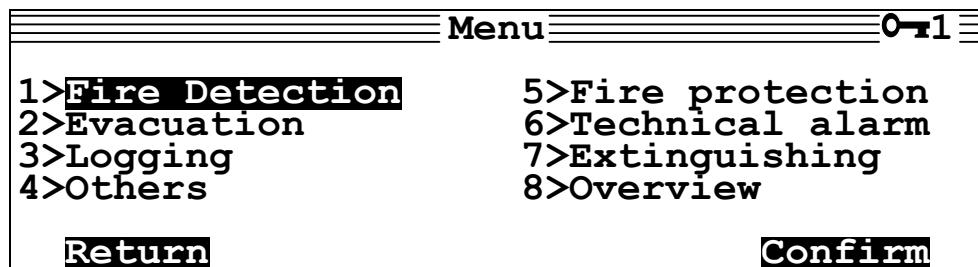
4.2. Overview of all fire detection zones (levels 1, 2 and 3)

Aim :

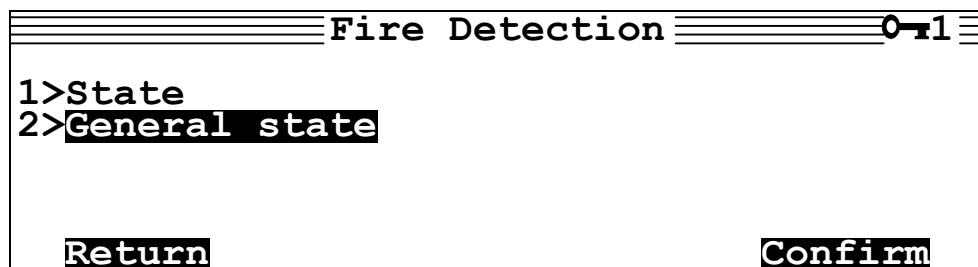
- ⇒ To give an overall view of the state of fire detection zones.

Procedure :

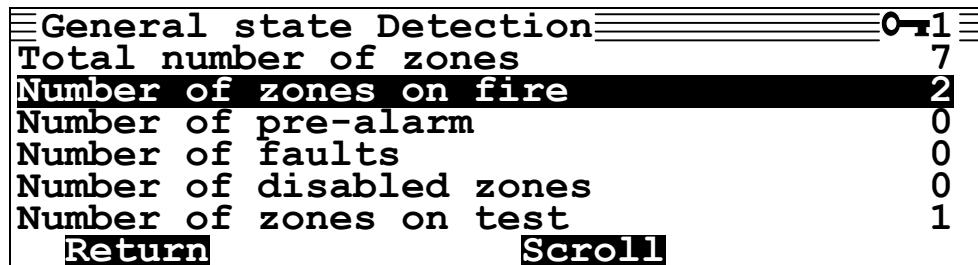
- ⇒ Press the "MENU" button.



- ⇒ Confirm,
- ⇒ Select "2 ▶ Review".



- ⇒ Confirm,



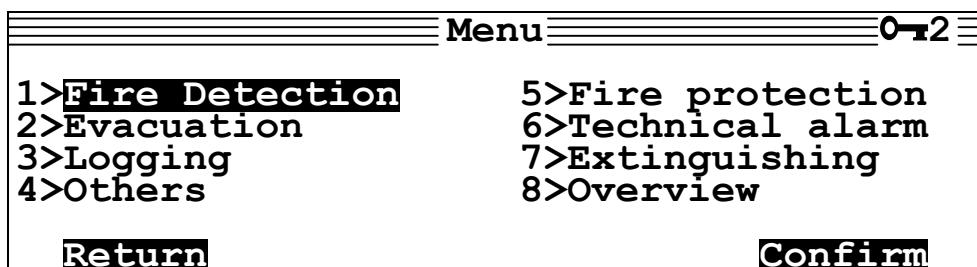
4.3. Enablement (level 2 and 3)

Aim :

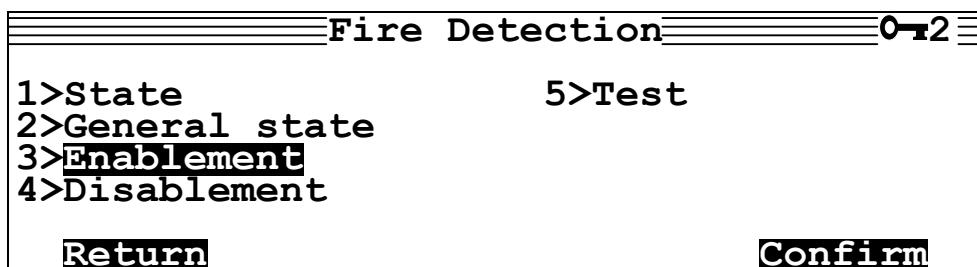
- ⇒ To enable a zone, a group of zones, all zones or an address in a fire detection zone.

Procedure :

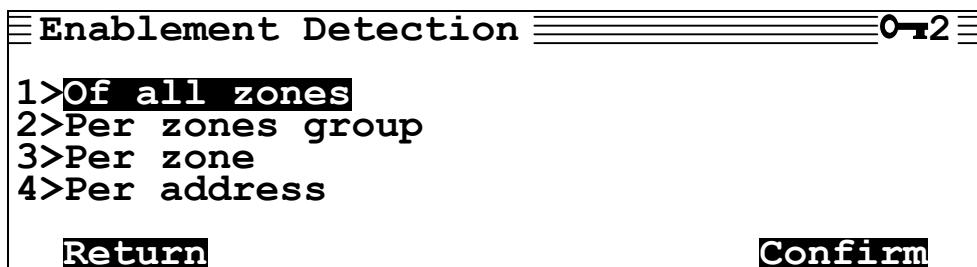
- ⇒ Go to access level 2 or 3,
- ⇒ Press the "MENU" button.



- ⇒ Confirm,
- ⇒ Select "3 ▶ Activate".



- ⇒ Confirm,



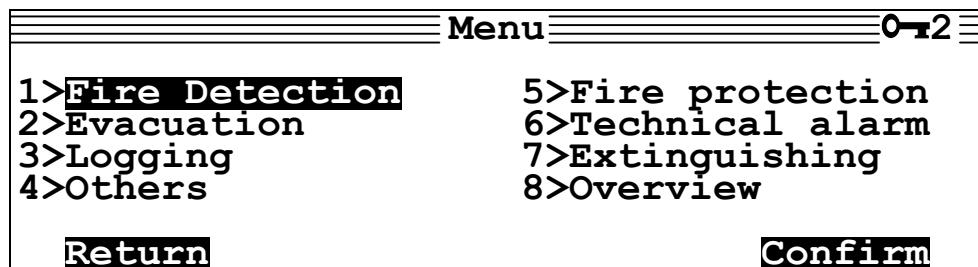
4.4. Disablement (level 2 and 3)

Aim :

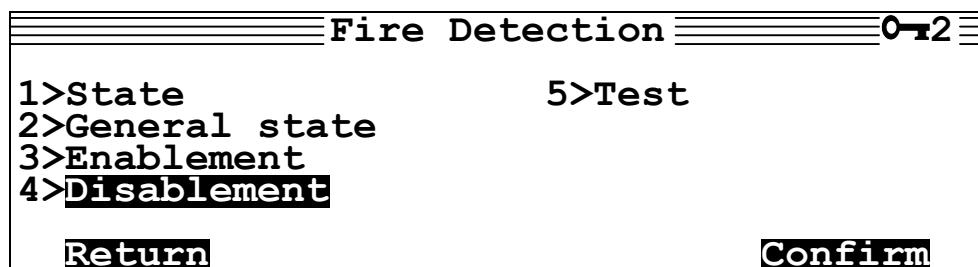
- ⇒ To disable a zone, a group of zones, all zones or an address in a fire detection zone.

Procedure :

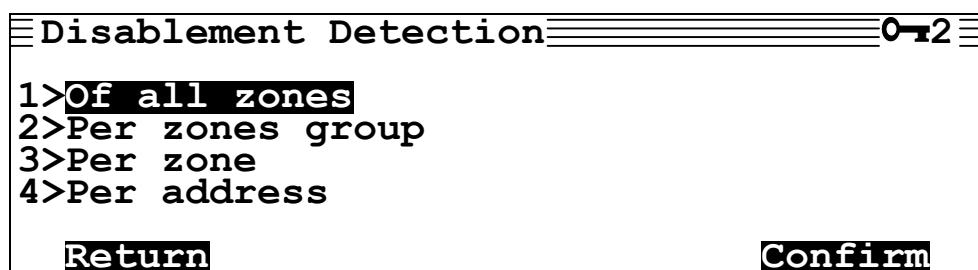
- ⇒ Go to access level 2 or 3,
- ⇒ Press the "MENU" button.



- ⇒ Confirm,
- ⇒ Select "4 ▶ Disablement".



- ⇒ Confirm,



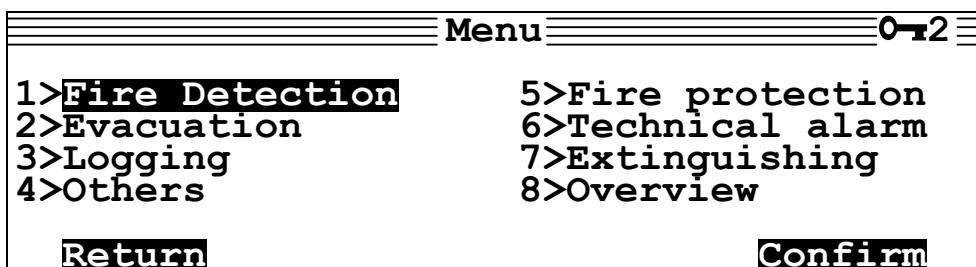
4.5. Test (level 2 depending upon site configuration and 3)

Aim :

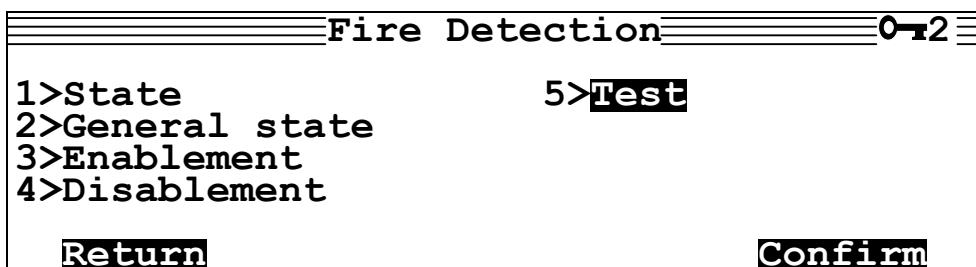
- ⇒ To test a zone, a group of zones, all zones or an address in a fire detection zone.

Procedure :

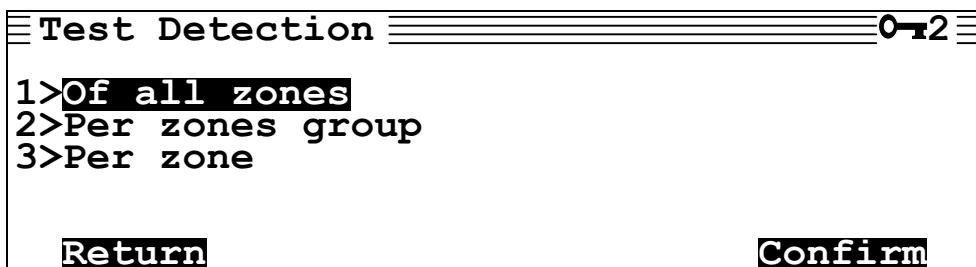
- ⇒ Go to access level 2,
- ⇒ Press the "MENU" button.



- ⇒ Confirm,
- ⇒ Select "5 ▶ Test".



- ⇒ Confirm,



5. Evacuation functions

Note : Cf. § 17.1 - Using the CF4ZA LON FTT module and § 17.2.- Using the CF8-2ZA LON FTT module

These commands can be accessed :

- On the screen, and / or
- By the buttons on the evacuation operator interface

5.1. Button commands

COMMAND	LEVEL	ACTION - PROCEDURE - CONDITION - CONSEQUENCE
EVACUATION	1, 2 and 3	<p>Activates the sirens circuit output and the auxiliary contact.</p> <p>To function this button must be pressed continuously for 3 seconds minimum.</p>
CANCEL PROCESS	2	<p>Cancels the automatic evacuation command (the alarm indicator goes off)</p> <p>Procedure :</p> <ul style="list-style-type: none"> • Go to level 2 or 3, • Press the "cancel process" button, the alarm indicator goes off. <p>The system remains available for another alarm if a new zone passes into Fire mode or if there is a manual command.</p> <p>This command is inactive when the evacuation light is illuminated.</p>
AUTOMATIC ON / AUTOMATIC OFF	2	<p>Puts an evacuation zone in :</p> <ul style="list-style-type: none"> • Automatic on mode of operation : commands coming from detection zones and the manual command are active • Automatic off mode of operation : commands coming from detection zones are inactive, command from the manual command is active <p>Procedure :</p> <ul style="list-style-type: none"> ▪ Go to access level 2 or 3, ▪ Press the "AUTOMATIC ON / AUTOMATIC OFF" button to go from one state to the other <p>This command is inactive when alarm or evacuation indicators are on.</p>

5.2. Screen commands

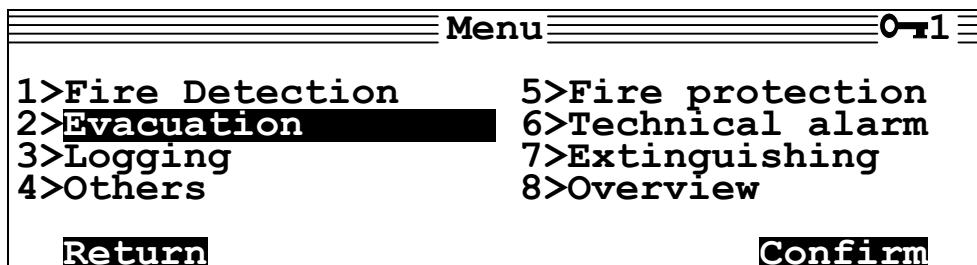
5.2.1. View of a zone or an address (levels 1, 2 and 3)

Aim :

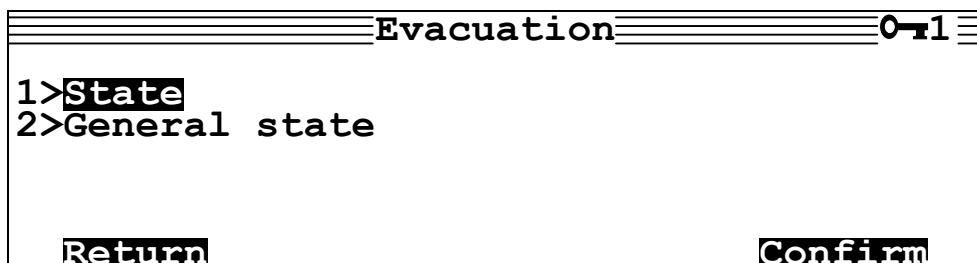
- ⇒ To find out the condition of an evacuation zone or an address..

Procedure :

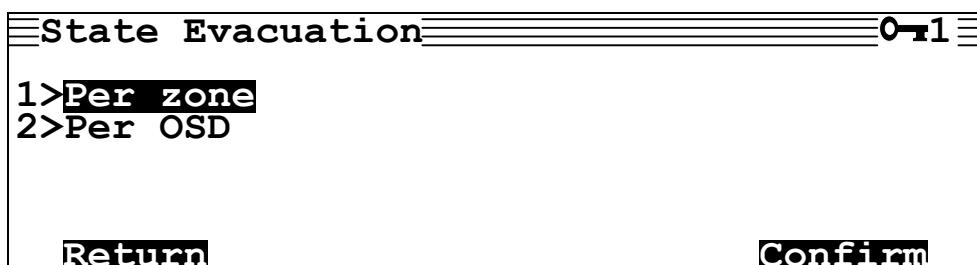
- ⇒ Press the "MENU" button,
- ⇒ Select "2 ▶ Evacuation".



- ⇒ Confirm,



- ⇒ Confirm,



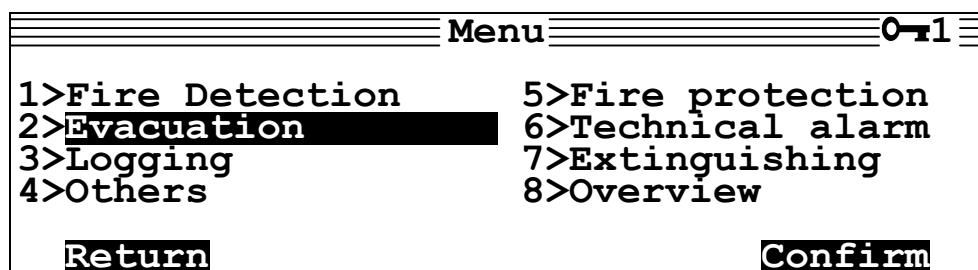
5.2.2. Overview (levels 1, 2 and 3)

Aim :

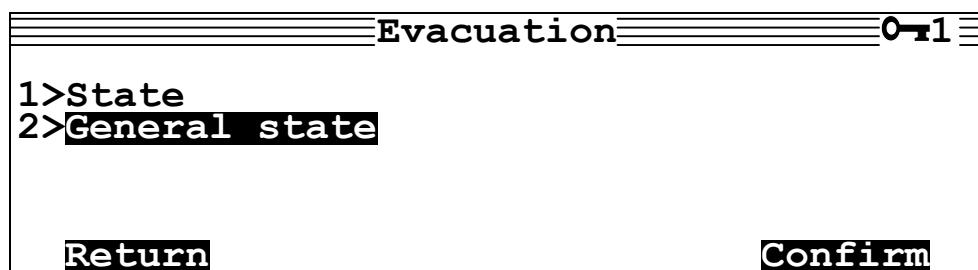
- ⇒ To have an overview of all evacuation zones.

Procedure :

- ⇒ Press the "MENU" button,
- ⇒ Select "2 ► Evacuation".



- ⇒ Confirm,
- ⇒ Select "2 ► Review".



- ⇒ Confirm,

General state Evacuation		0-1
Total number of zones		7
Number on alarm	2	
Number on evacuation activated	0	
Number on fault	0	
Number disabled	0	
Number on test	1	

Return **Scroll**

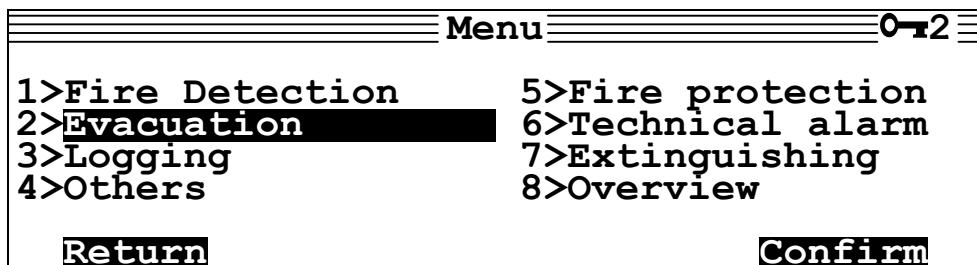
5.2.3. Automatic on (level 2 and 3)

Aim :

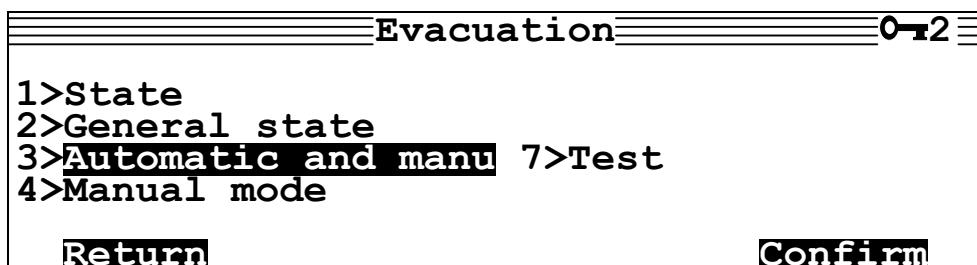
- ⇒ To put a zone, a group of zones or all zones in automatic and manual mode of operation (a fire alarm or a manual command can order an evacuation).

Procedure :

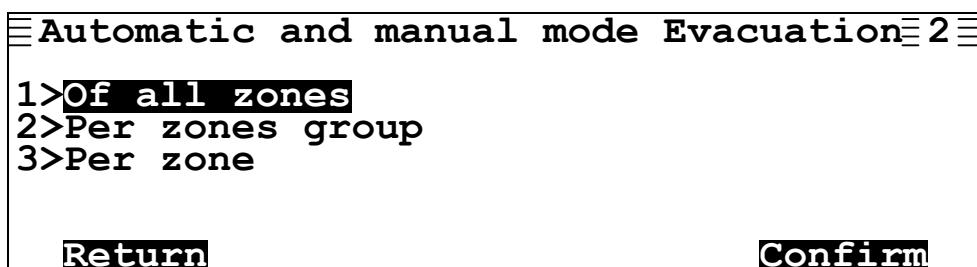
- ⇒ Go to access level 2,
- ⇒ Press the "MENU" button,
- ⇒ Select "2 ▶ Evacuation".



- ⇒ Confirm,
- ⇒ Select "3 ▶ General standby".



- ⇒ Confirm,



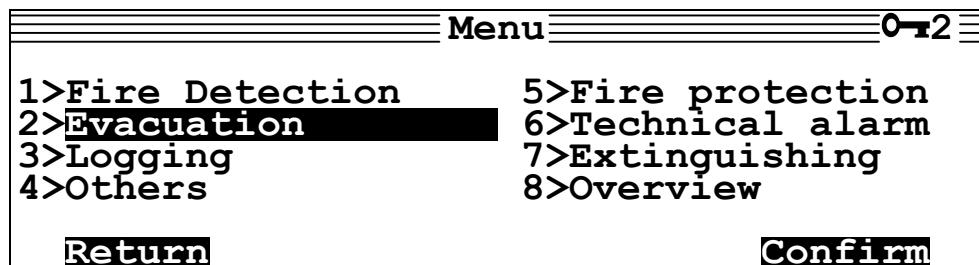
5.2.4. Automatic off (level 2 and 3)

Aim :

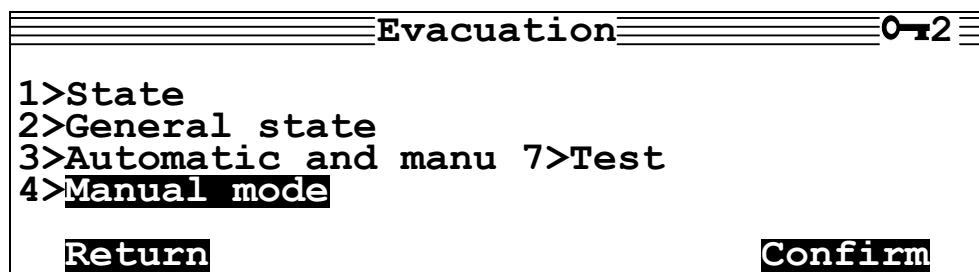
- ⇒ To put a zone, a group of zones or all zones in automatic off mode of operation (only a manual command can order an evacuation).

Procedure :

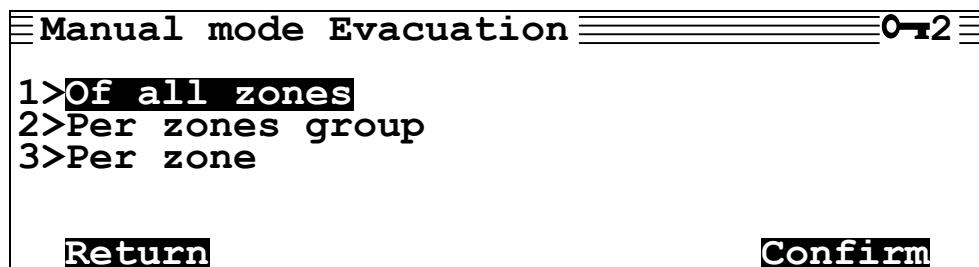
- ⇒ Go to access level 2,
- ⇒ Press the "MENU" button,
- ⇒ Select "2 ► Evacuation".



- ⇒ Confirm,
- ⇒ Select "4 ► Limited standby".



- ⇒ Confirm,



5.2.5. Test (level 2 (depending upon site configuration) and 3)

Aim :

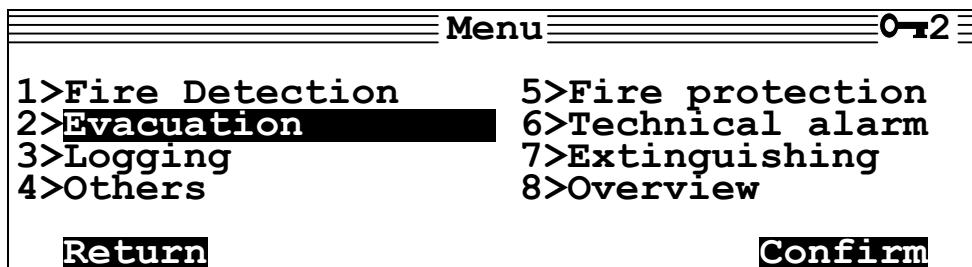
⇒ To put a zone, a group of zones or all evacuation zones in test mode.

☛ Remember : in Test the following is processed :

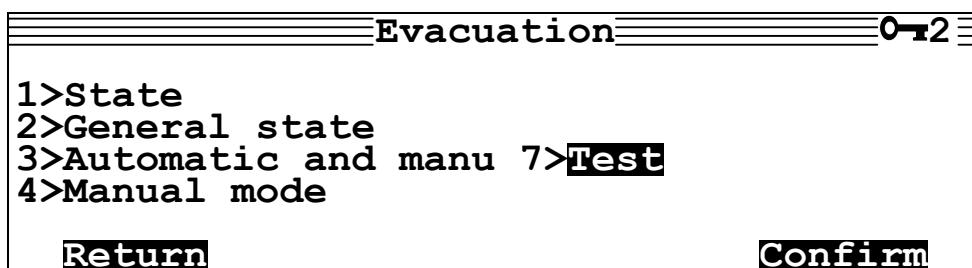
1. If a fire detection zone controlling the evacuation zone is enabled and in fire condition : the sirens outputs can be stopped at any time by pressing the CANCEL PROCESS button.
2. If a fire detection zone controlling the evacuation zone is in test mode and in fire condition : the sirens outputs operate for approximately 3 seconds.

Procedure :

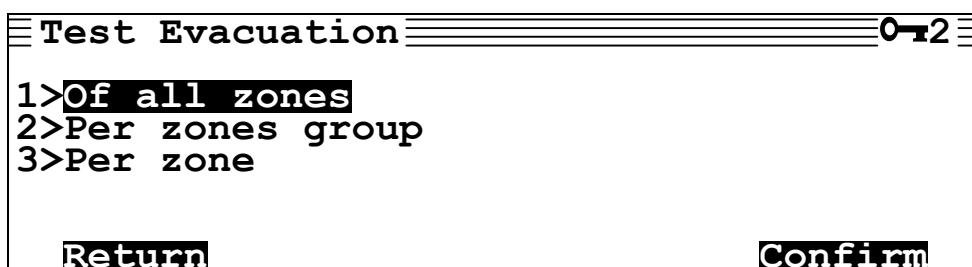
⇒ Go to access level 2 or 3,
 ⇒ Press the "MENU" button,
 ⇒ Select "2 ▶ Evacuation".



⇒ Confirm,
 ⇒ Select "7 ▶ Test".



⇒ Confirm,



6. Logging functions (level 2 and 3)

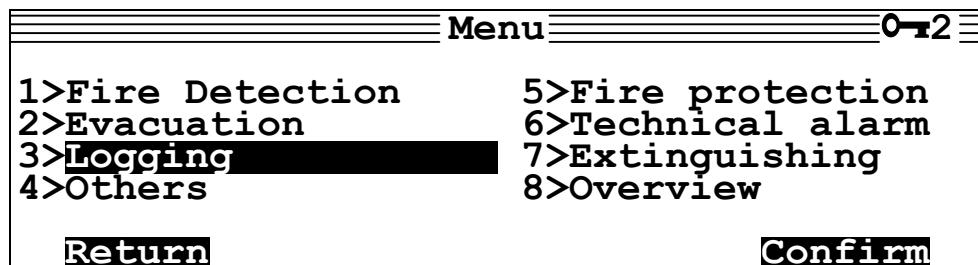
6.1. Events and commands

Aim :

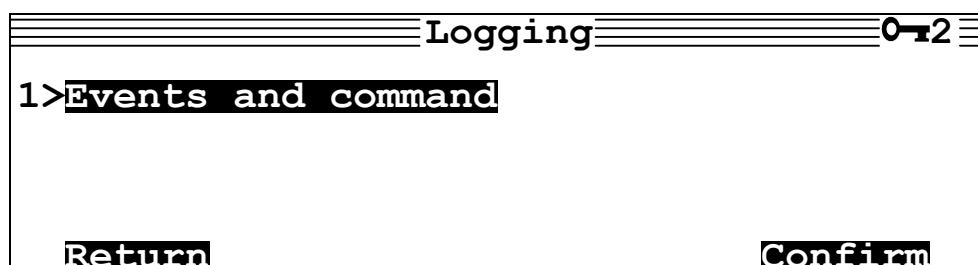
- ⇒ Consult all past events (fire, technical alarms, faults, activations, de-activations, tests) and commands carried out on the panel during a specified time period.

Procedure :

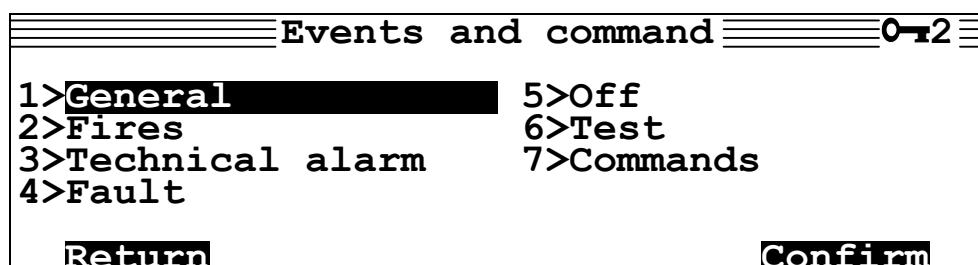
- ⇒ Go to access level 2,
- ⇒ Press the "MENU" button,
- ⇒ Select "3 Logging".



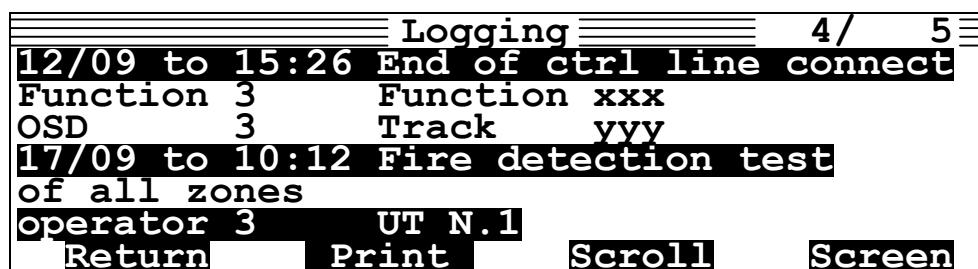
- ⇒ Confirm,



- ⇒ Confirm,



- ⇒ Confirm,



6.2. Latest versions of software*Available in the future.***6.3. Latest changes to the configuration***Available in the future.*

7. Others

7.1. Counters

Available in the future.

7.2. Internal clock

Available in the future.

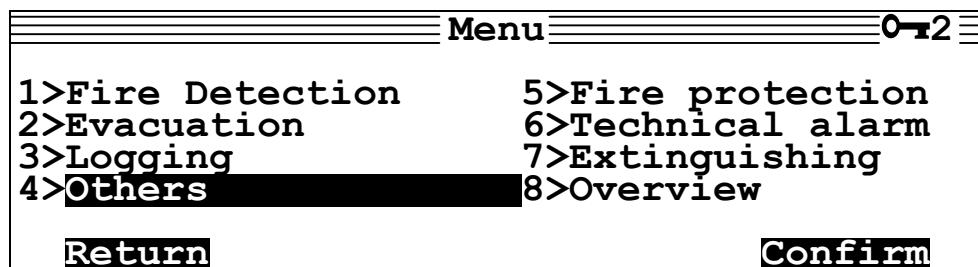
7.3. Printer (access level 2 responsible)

Aim :

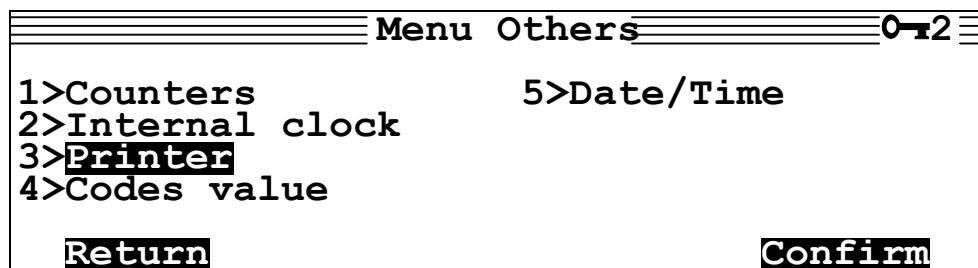
- ⇒ Turn On/Off and change printing direction of the Printer.

Procedure :

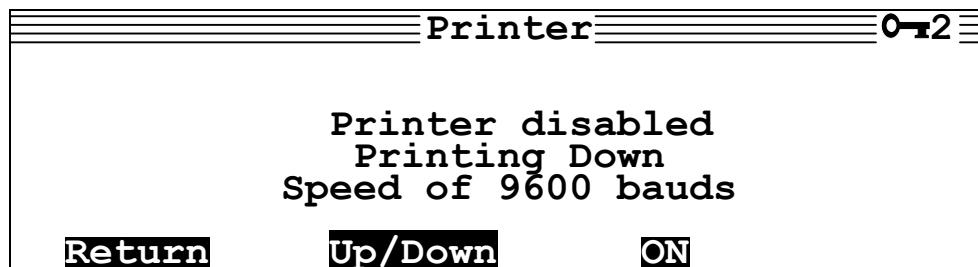
- ⇒ Go to level 2 responsible,
- ⇒ Press the "MENU" button,
- ⇒ Select "4 ▶ Others".



- ⇒ Confirm,
- ⇒ Select "3 ▶ Printer".

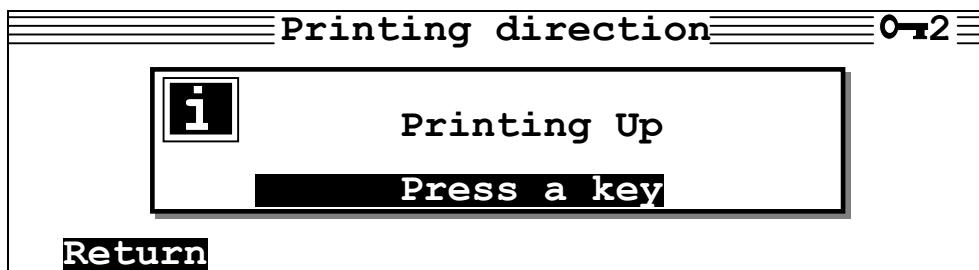


- ⇒ Confirm,

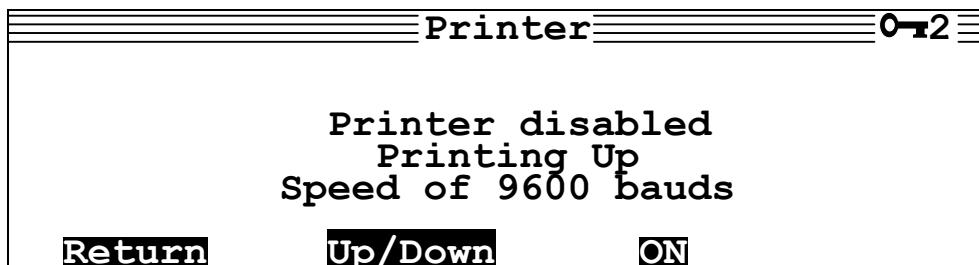


7.3.1. Changing the printing direction

⇒ Press "Direction (▲)".

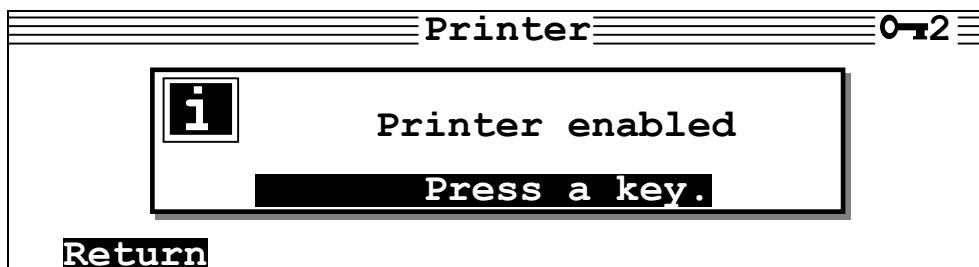


⇒ Selecting "3 ▶ Printer" displays "Printer" screen,
Printing direction is inverted.

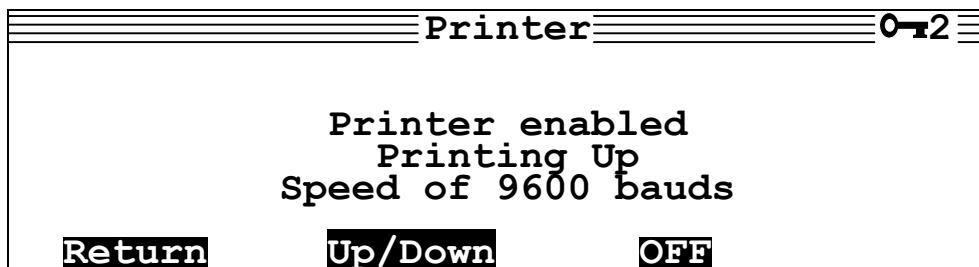


7.3.2. Turning On/Off the printer

⇒ Press "ON (▲)".



⇒ Selecting "3 ▶ Printer" displays "Printer" screen,
Printer is On.



7.4. Codes

Available in the future.

7.5. Date/Time

See above ([Cf. 3.6 Changing the date and time \(access level 2 and 3\)](#)).

8. Fire protection functions

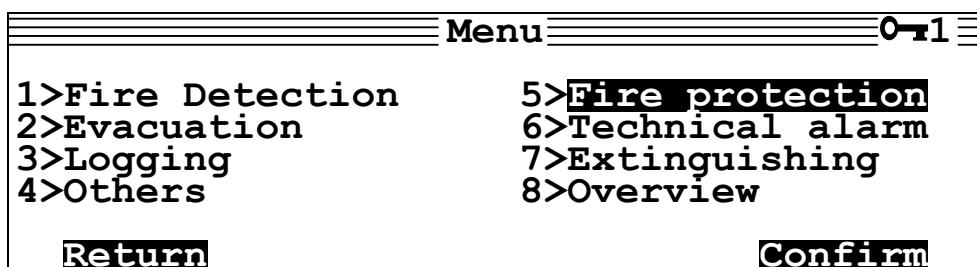
8.1. View (access levels 1, 2 and 3)

Aim :

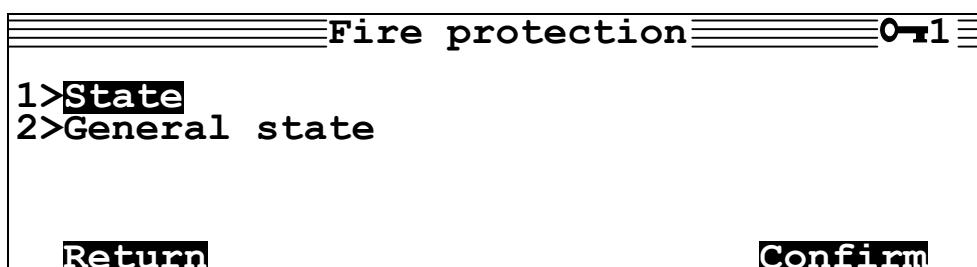
- ⇒ To consult the state of fire protection functions by zone or address.

Procedure :

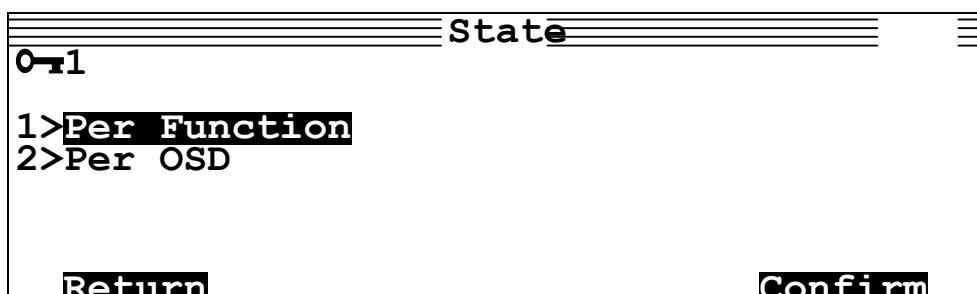
- ⇒ Press the "MENU" button,
- ⇒ Select "5 ▶ Fire protection".



- ⇒ Confirm,



- ⇒ Confirm,



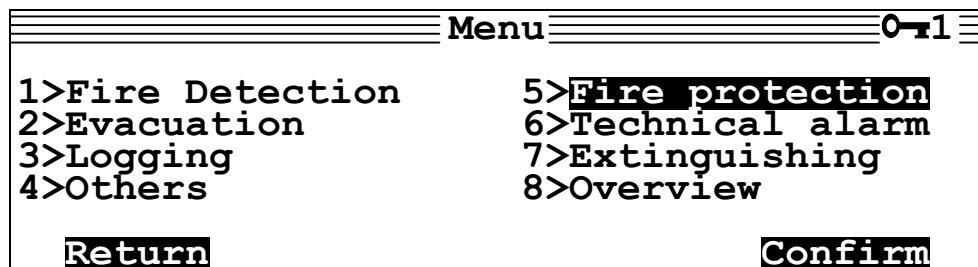
8.2. Overview (access levels 1, 2 and 3)

Aim :

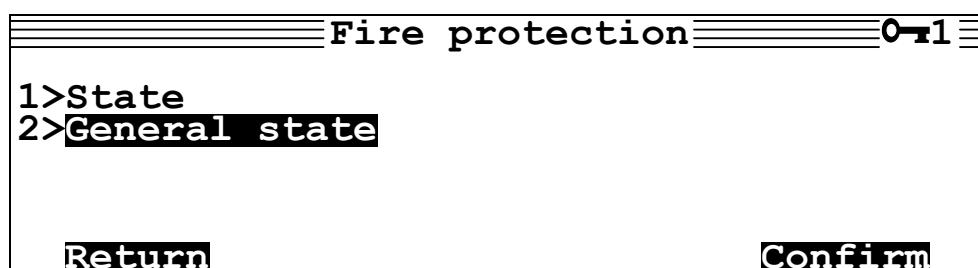
- ⇒ Review the general state of all fire protection functions carried out.

Procedure :

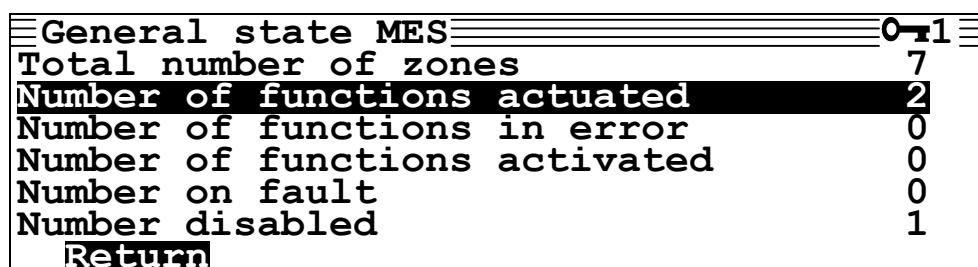
- ⇒ Press the "MENU" button,
- ⇒ Select "5 ▶ Fire protection".



- ⇒ Confirm,
- ⇒ Select "2 ▶ Review".



- ⇒ Confirm,



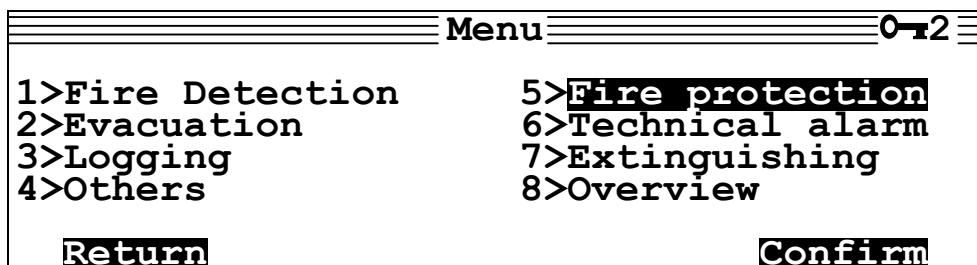
8.3. Automatic on (access level 2 and 3)

Aim :

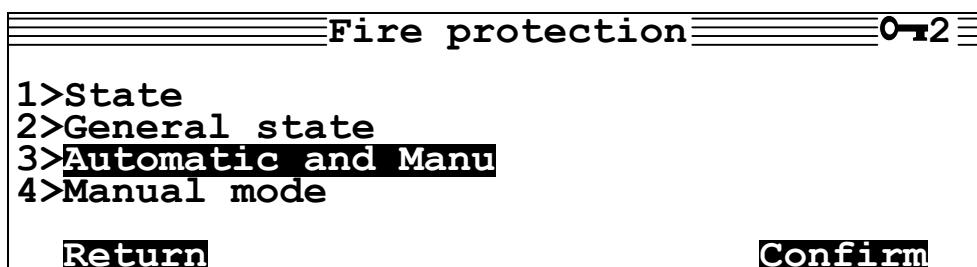
- ⇒ To configure a fire protection function in an automatic and manual mode of operation.

Procedure :

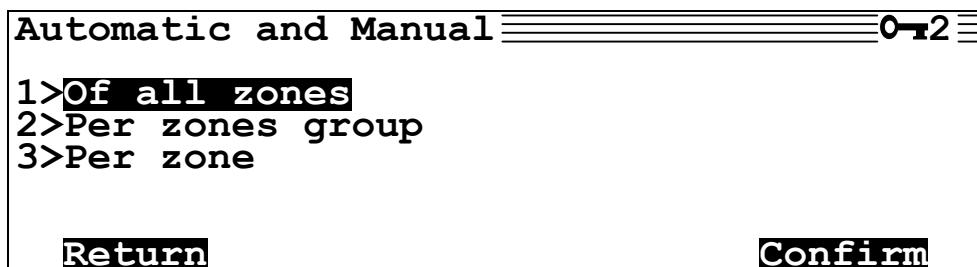
- ⇒ Go to access level 2,
- ⇒ Press the "MENU" button,
- ⇒ Select "5 ▶ Fire protection".



- ⇒ Confirm,
- ⇒ Select "3 ▶ Automatic manual control".



- ⇒ Confirm,



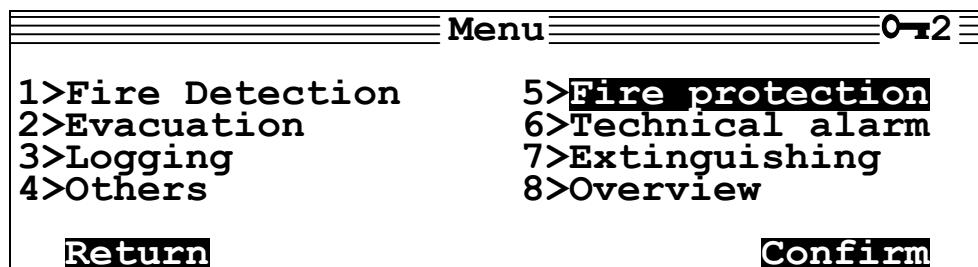
8.4. Automatic off (access level 2 and 3)

Aim :

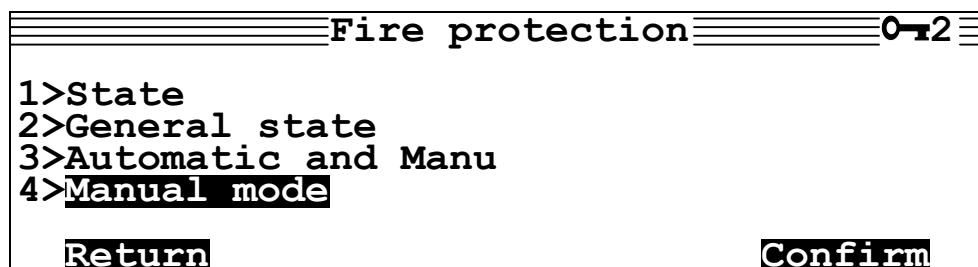
- ⇒ To configure a fire protection function in a manual only mode of operation.

Procedure :

- ⇒ Go to access level 2,
- ⇒ Press the "MENU" button,
- ⇒ Select "5 ▶ Fire protection".



- ⇒ Confirm,
- ⇒ Select "4 ▶ Manual control only".



- ⇒ Confirm,



9. Technical alarm functions

Available in the future

10. Extinguishing functions

Available in the future

11. Overview

Cf. 3.3 - Overview (access levels 1, 2 and 3)

12. Indications given by the general indicators

VISUAL SIGNAL			
Fire	Red	Steady	<ul style="list-style-type: none"> ▪ At least one detection zone is on fire
Fault	Yellow	Steady	<ul style="list-style-type: none"> ▪ There is a fault in at least one detection zone or ▪ Mains failure on one of the power supplies, or ▪ Battery failure on one of the power supplies, or ▪ Evacuation zone fault, or ▪ Fire protection fault, or ▪ Fault earth.
Mains fault	Yellow	Steady	<ul style="list-style-type: none"> ▪ Mains failure on one of the power supplies
Battery fault	Yellow	Steady	<ul style="list-style-type: none"> ▪ Battery failure on one of the power supplies
System fault	Yellow	Steady	<ul style="list-style-type: none"> ▪ Mains and battery failure, or ▪ Processing failure
Disabled	Yellow	Steady	<ul style="list-style-type: none"> ▪ At least one detection zone is disabled, or ▪ One evacuation zone is disabled.
Test	Yellow	Steady	<ul style="list-style-type: none"> ▪ At least one detection zone is on test, or ▪ One evacuation zone is on test.
Power on	Green	Steady	<ul style="list-style-type: none"> ▪ Power supply to control unit is on

The acoustic signal is :

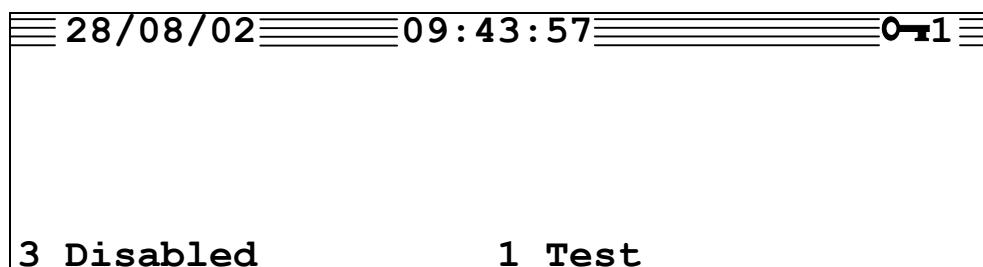
- Continuous in the event of a fire
- Intermittent in all other cases.

13. Display in standby mode

With no zone turned-off and no zone in test mode.



With zone(s) turned-off and in test mode.



14. Indications & commands for fire detection zones

Note : This chapter covers both type A and type B.

If one or more detector or call point are in alarm, the display in standby (Cf. 13 Display for Control Unit in Standby mode) is replaced by the following one :

28/08 to 14:08 Call point activated
zone 11 Warehouse
Address 02101 Main entrance
28/08 to 14:13 Detector on alarm
zone 4 Reception
Address 01004 Stairway
4 zone(s) on fire Scroll Orders

Note :

- The information (date, time, incident, zone or call point address) relating to the first zone on alarm is given on lines 1,2 & 3 of the display.
- The information (date, time, incident, zone or call point address) relating to the last zone on alarm are given on lines 4,5 & 6 of the display.
- The total number of zones on alarm is given on the last line of the display.
- The events are described as follows :
 - "Detector in fire alarm", or
 - "Call point activated"
- Pressing the **▲** button below the label "Orders" will display the Orders – if they have been defined – that should be applied for the zone(s) on fire displayed. It replaces the address indication.

⇒ Press "Orders" (**▲**),

28/08 a 14:08 Call point activated
zone 11 Warehouse
Orders call the fire brigade
28/08 a 14:13 Detector on alarm
zone 4 Reception
Orders call n 123456780
4 zone(s) on fire Scroll Orders

⇒ Press "Scroll" (**▲**),

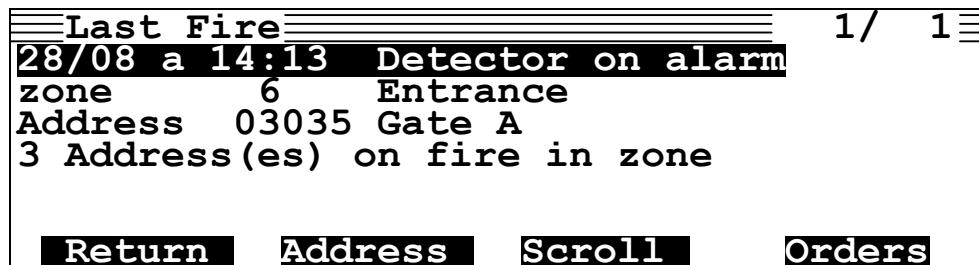
First Fire		1 / 4
28/08 a 14:08 Call point activated		
zone	11	Warehouse
Address	02101	Main entrance
1 Address(es) on fire in zone		
Orders	call n 123456780	
Return	Address	Scroll
		Orders

☛ Note :

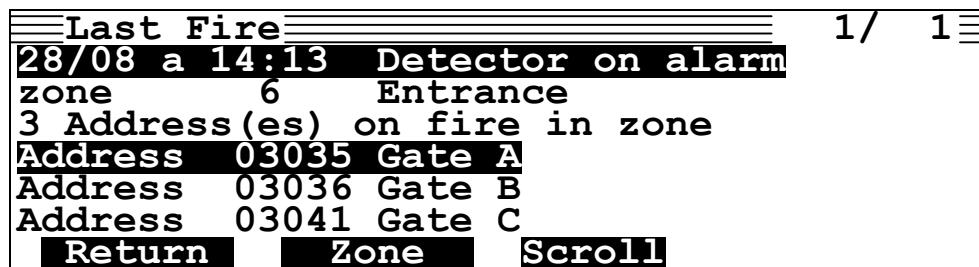
- Pressing "Scroll" (^), displays a screen whose number indicates the chronological order that the zone displayed went into fire mode. (First fire (1/4), Fire (s) (2/4, 3/4) and last fire (4/4))
- The display indicates the date and time that the first address in the zone went into fire mode.

☛ If only one zone is in fire alarm mode, the screen will be titled "Last Fire".

- Pressing the ^ button below "Address" display the address (es) of the points in alarm mode for the zone on fire displayed.



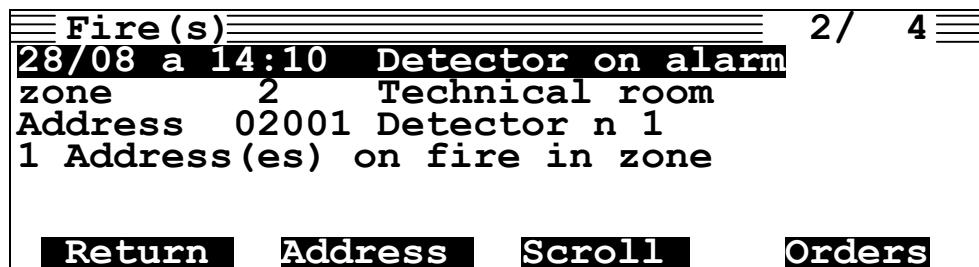
⇒ Press "Address" (^),



To see the previous screen press "Zone" (^).

To see the following zones in fire alarm mode (from the "First fire" - 1/4 screen) :

⇒ Press "Scroll" (^),



⇒ Press "Scroll" (^),

Fire(s)		3 / 4
28/08 a 14:13	Detector on alarm	
zone 1	Director's office	
Address 01001	Detector n 9	
1 Address(es) on fire in zone		
Return	Address	Scroll
Orders		

⇒ Press "Scroll" (^),

Last Fire		4 / 4
28/08 a 14:13	Detector on alarm	
zone 4	Reception	
Address 01004	Stairway	
1 Address(es) on fire in zone		
Return	Address	Scroll
Orders		

15. Indications and commands for evacuation zone

☞ Note : Cf. Using the CF4ZA LON FTT (§ 17.1), Using the CF8-2ZA LON FTT (§ 17.2)

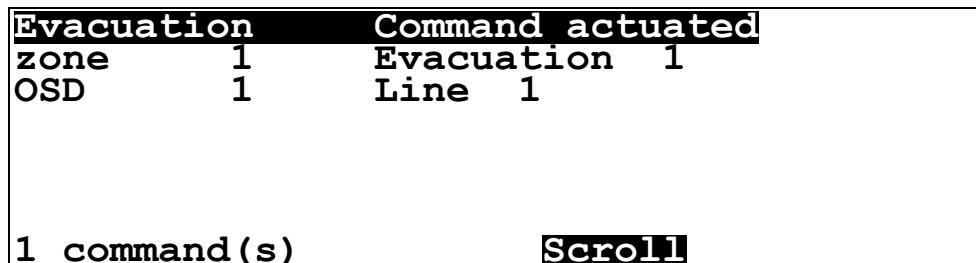
These indications are given by the evacuation zone indicators and the screen.

15.1. Indications given by the evacuation zone indicators

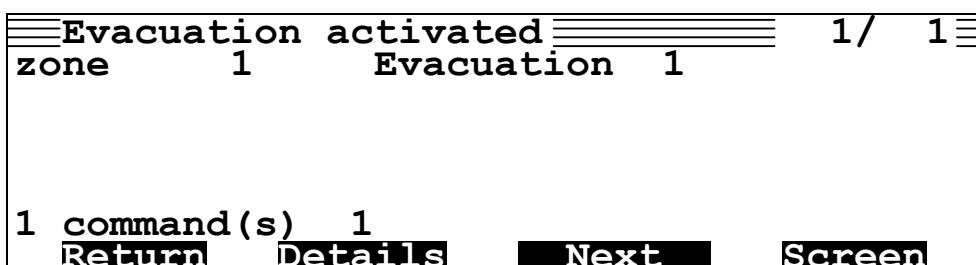
INDICATIONS			
EVACUATION	Red	<ul style="list-style-type: none"> Constant Flashing 	<ul style="list-style-type: none"> Command of sirens output and auxiliary contact activated. Command of sirens output not properly achieved and auxiliary contact activated.
ALARM	Red	<ul style="list-style-type: none"> Constant 	<ul style="list-style-type: none"> Automatic evacuation command registered
AUTOMATIC OFF	Yellow	<ul style="list-style-type: none"> Constant Off 	<ul style="list-style-type: none"> Evacuation command from detection zones Off. Manual command remains available. Evacuation command from detection zones activated. Manual command available.
FAULT / DISABLED / TEST	Yellow	<ul style="list-style-type: none"> Flashing Constant Constant 	<ul style="list-style-type: none"> Fault. Disablement or Test.

☞ The general yellow "FAULT" light constantly lit indicates a fault with the UGA.

15.2. Indications given on the screen

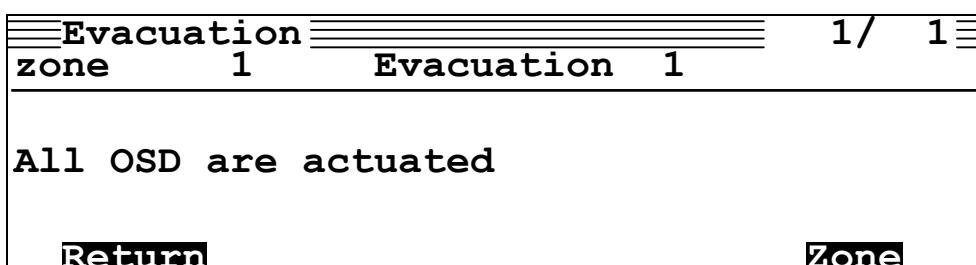


⇒ Press "Scroll" (^),



(A)

⇒ Press "Détails" (^),



⇒ To return to screen (A), Press "zone" (^),

16. Fault signals

Note : The following examples relate to a CMSI type A (connected to an ECS).

16.1. Fault relating to a function

Fault	OSD line on OC
Function 241	Fire door
OSD	1 Damper
Fault	Communication fault
UT N.1	
2 fault(s)	
Scroll	

⇒ Press "Scroll" (^) to show the 2 faults,

Fault	Fire protection	1 / 2
Function 241	Fire door	
Communication fault UT N.1		
2 fault(s)		
Return	Details	Next
		Screen

⇒ Press "Détails" (^), to show detailed information for the selected fault,

Fault	Fire protection	1 / 2
Function 241	Fire door	
OSD 1 Damper		
OSD line on OC		
1 fault on the OSD in the zone		
Return		Fault

⇒ Press "Fault" (^), to show the type of fault,

Fault	Fire protection	1 / 2
Function 241	Fire door	
OSD 1 Damper		
OSD line on OC		
1 OSD fault(s)		
Return		OSD

⇒ Press "OSD" (^) to show the previous screen.

16.2. Faults relating to communication with a Fire Detection System (ECS)

Fault	Communication fault
UT N.2	
1 fault(s)	Scroll

⇒ Press "Scroll" (↑) to show detailed information,

Fault	1 / 1
Communication fault UT N.2	
1 fault(s)	
Return	Details
	Next
	Screen

⇒ Press "Details" (↑) to show detailed information for the selected fault,

Fault	1 / 1
UT N.2	
Communication fault	
Return	Orders

☛ **Note :**

- Information for the first fault to have occurred are given on lines 1,2 and 3 of the display
- Information for the last fault to occur is given on lines 4, 5 & 6 of the display.
- The total number of faults is given on the last line of the display.
- The ↑ ↓ buttons enable you to switch from one fault to another (the zone shown is in grey)
- A new fault is indicated for 30 seconds on lines 4,5 & 6 and then the second fault is automatically re-displayed.
- These indications are deleted from the display in the event of a fire. events not displayed can be accessed using the events button.

17. Optional modules

17.1. Using the CF4ZA LON FTT module

This module enables the control of 4 evacuation zones. Each zone comprises lights as described in chapter **15.1 Indications given** and buttons whose functions are described in **chapter 5**. Information relating to an evacuation function given by the screen are described **chapter 15.2**

Presentation

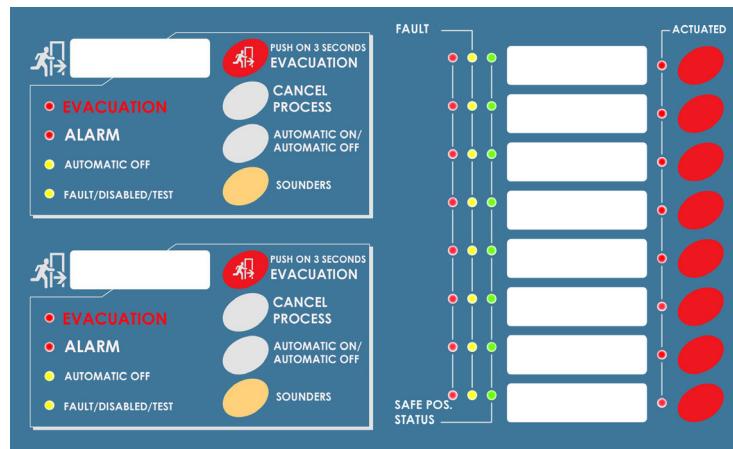


17.2. Using the CF8-2ZA LON FTT module

This module allows both the control of fire protection functions (up to 8) like the LON FTT, and evacuation zones (up to 2) like the CF4ZA LON FTT.

The respective functions (ZA & CF) of the commands (buttons) and the lights of this module are identical to those of the two modules referred to above.

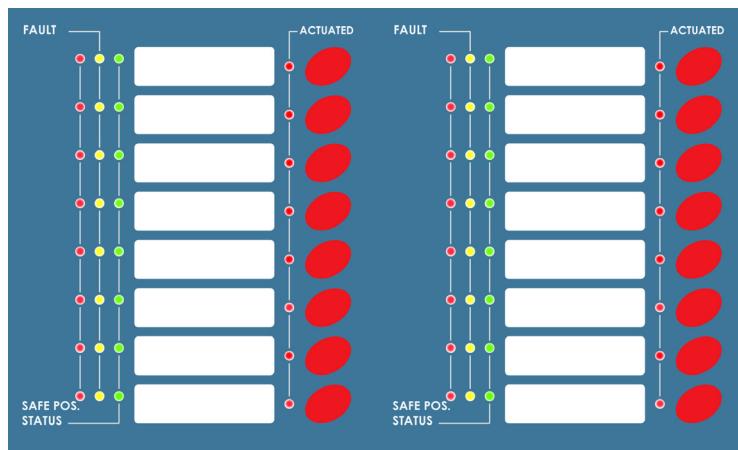
Presentation



17.3. Using the CF16 LON FTT module

This module allows the control of 16 fire protection functions.

Presentation



Description of lights and commands

LIGHT	ILLUMINATED	
	CONSTANT	FLASHING
<i>LIGHT OPERATES IF THE FUNCTION HAS A POSITION CONTROL</i>		
<i>Safety position (red)</i> 	If all the security equipment relating to the function are in safety position following a manual or an automatic command	If at least one item of security equipment relating to the function is not in safety position following a manual or an automatic command
<i>LIGHT OPERATES IF THE FUNCTION DOES OR DOES NOT HAVE A POSITION CONTROL</i>		
<i>Fault (yellow)</i> 	<ul style="list-style-type: none"> ◆ If at least one item of security equipment relating to the function is in fault mode (ex : short circuit in the remote control line) ◆ If the function is in automatic off mode of operation. 	If at least one item of security equipment relating to the function is no longer in waiting position without a manual or automatic command.
<i>LIGHT OPERATES IF THE FUNCTION HAS A POSITION CONTROL</i>		
<i>Status (green)</i> 	If all the security equipment relating to the function initially in standby mode is in waiting position (<i>after pressing the "Status"</i>).	None
<i>LIGHT OPERATES IF THE FUNCTION DOES OR DOES NOT HAVE A POSITION CONTROL</i>		
<i>Actuated (red)</i> 	If the function is called upon following a manual or automatic command for non controlled functions	If the function is blocked by a fire protection scenario
COMMAND		
	This manual button controls all the equipment relating to the function even if this latter is in automatic and off mode of operation. This manual command can be made from access levels 1 and 2	

18. Instructions for checks and maintenance

An installation can only be completely effective if it is fully checked by the user and maintained by the manufacturer / installer.

All maintenance operations must be carried out in accordance with instructions

When carrying out maintenance, do not forget to take all necessary measures to avoid all accidental activation of controls

Operations on the control unit	Regularity
Activating secondary supply	Monthly
Checking power supply	Half yearly
Operational checks	Half yearly

