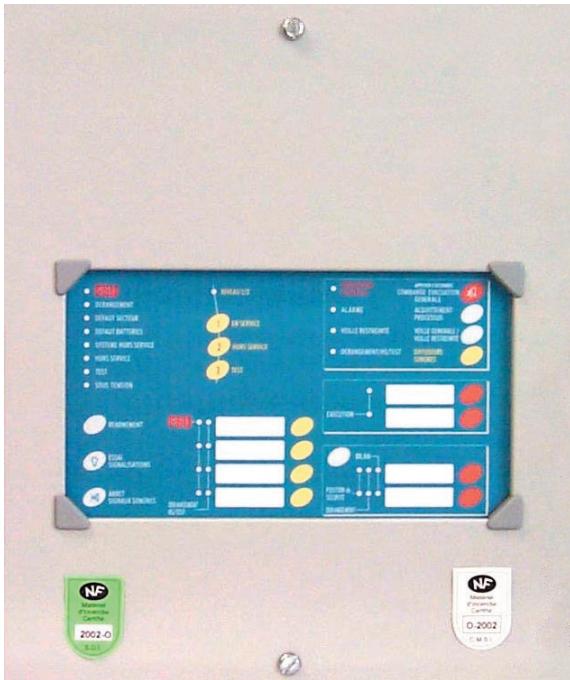


Operating Manual



UTC.Pack COLLECTIVE FIRE PROTECTION SYSTEM

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Operation through levels of access

The control unit operates on the basis access levels.

Level 1 (L1):

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

Level 2 (L2):

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

Level 3 (L3):

Is reserved for the installer/maintainer and enables the use of commands connected with maintenance and settings. There is a level 3 "installation" (③) and a level 3 "maintenance" (④).

Level 1 is included in level 2, level 2 is included in level 3.

If not used for more than 60 seconds the system automatically returns to level 1.

When a correct code is entered, the control unit emits two beeps.

When an incorrect code is entered 5 times in succession within 5 minutes, the control unit emits several beeps and blocks access to levels 2 & 3 for 15 minutes.

Entering an access code

TYPE THE CODE USING
BUTTONS 1, 2 & 3.
(THE TIME ALLOWED
BETWEEN TOUCHING 2
BUTTONS IS LIMITED TO 2
SECONDS)



IF THE CODE IS CORRECT "LEVEL 2/3" LIGHTS UP:
STEADY: ACCESS LEVEL 2,
FLASHING: ACCESS LEVEL 3

General

Each time a button is pressed, it emits a short beep to indicate that the action is registered.

An operation which is not authorised by the current level of access or a mistake will cause a long beep.

With the exception of power failures, which reset as soon as they disappear, all indications of fires and faults are stored in the memory.

Acoustic signals

Steady: A fire is detected.

Intermittent: A fault is detected, including power failure, system failure, pre-alarm.

Long beep: Unauthorised operation.

Short beep: Pressing any button.

TESTING AND MAINTENANCE INSTRUCTIONS

(see also relevant regulations)

An installation will only be fully effective if properly used by the end user and correctly maintained by the manufacturer. All maintenance operations must be carried out as listed in the user manuals. When carrying out maintenance operations remember to apply all the necessary procedures to avoid accidental activation of fire protection controls.

Example of operations to be carried out on the Fire Protection System (FPS)

VISUAL INSPECTION	
Up to date of user manuals	Monthly
Battery status (including putting into operation of secondary power source).	Monthly
Condition of cables and connections within the system status (including detectors, manual call points, sirens and the control unit).	Half yearly
New site conditions (for example: movement of a partition).	Half yearly
TECHNICAL INSPECTION	
Checking of the installation by a competent person including the earthing and all functions.	Half yearly

GENERAL OPERATION AND INDICATIONS

- Steady:** At least one fire detection zone is on fire
- Steady:** At least one fire detection zone has a fault, or Mains failure on one of the power supplies, or Battery failure on one of the power supplies, or System failure, or Siren circuit failure, or Position or communication failure for one of the protection functions, or RS repeater circuit failure.
- Steady:** Mains failure on one of the power supplies
- Steady:** Battery failure on one of the power supplies
- Steady:** Mains and battery failure or system failure.
- Steady:** At least one fire detection zone or siren circuit is disabled.
- Steady:** At least one fire detection zone or siren circuit is in test mode.
- Steady:** Power on.

 FIRE

 FAULT

 MAINS FAULT

 BATTERY FAULT

 SYSTEM FAULT

 DISABLED

 TEST

 POWER ON



RESET



INDICATORS
TEST



SILENCE



To be use for:

- Accessing the enabling menu,
- Enter an access code.

- Accessing the disabling menu,
- Enter an access code.

- Accessing the test menu,
- Enter an access code.

Resetting fires, faults and fire protection functions. **(N2, N3)***

Testing all the audible and visual indications. **(N1, N2, N3)**

Silencing the audible indications. **(N1, N2, N3)**

* Reset could also be achieved by an external equipment connected on the communication UTC.Pack module.

OPERATIONS AND INDICATIONS RELATING TO FIRE DETECTION

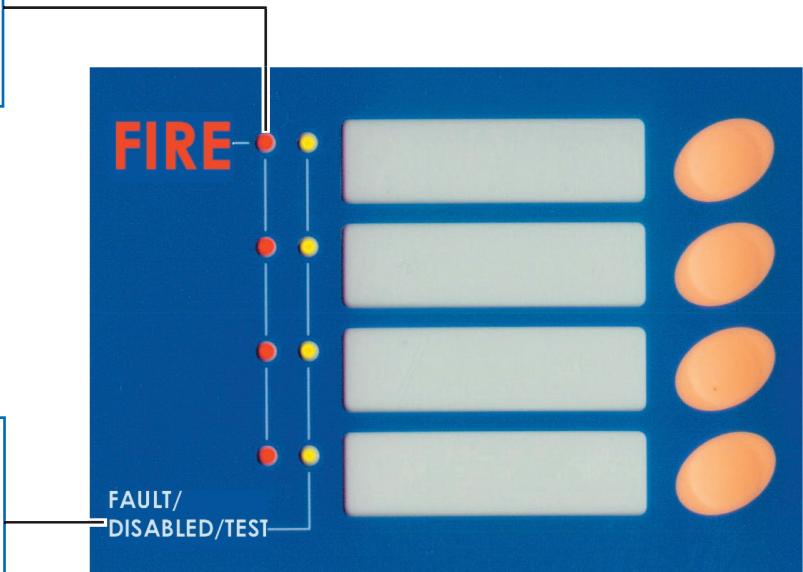


Steady: the corresponding zone is in fire alarm
(the general FIRE indicator is steady).

Flashing: the corresponding zone is in pre-alarm
(the general FIRE indicator is off)

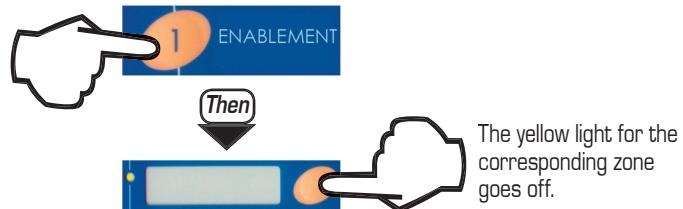
Steady: the corresponding zone is disabled or on test
(the general DISABLED or TEST INDICATOR is steady).

Flashing: there is a fault in the corresponding zone
(the general FAULT indicator is steady).

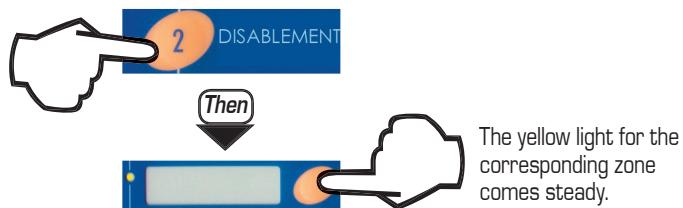


To be used for:

Enabling a detection zone.
(N2, N3)



Disabling a detection zone.
(N2)



Disabling then enabling a fire detection zone in fire or fault mode is the equivalent of resetting that zone.

OPERATIONS AND INDICATIONS RELATING TO EVACUATION



Steady: the sirens are activated
(the EVACUATION light goes off at the end of the activation of the sirens)

Steady: a fire detection zone controlling the evacuation has detected a fire

Steady: the alarm zone is in AUTOMATIC OFF mode (sirens can only be activated by pushing the EVACUATION button).

Off: the alarm zone is in AUTOMATIC ON mode (sirens can be activated either automatically by a fire alarm in a detection zone, or by pushing the button).

Steady: the siren circuit is DISABLED or in TEST mode

Flashing: there is a FAULT on the siren circuit

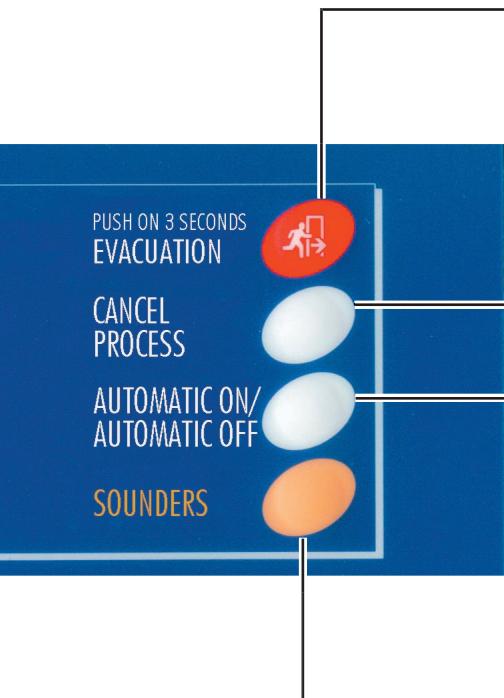
EVACUATION

ALARM

AUTOMATIC OFF

FAULT/DISABLED/TEST

To be used for:



To activate the evacuation (sirens).
(N1, N2, N3)

Press for at least 3 seconds.

Cancel the automatic evacuation command.
(N2, N3)

Functionnal ONLY if the GENERAL EVACUATION light is off.

Put the evacuation zone:
(N2, N3)

- in general "automatic off" mode
(if the AUTOMATIC OFF light is on)
- in "automactic on" mode
(if the AUTOMATIC OFF light is off)

ONLY if the ALARM or EVACUATION lights are off

Note:

The "automatic on" mode is indicated by a permanently on yellow AUTOMATIC OFF light

FOR USE ONLY BY THE TECHNICAL DEPARTMENT

OPERATIONS AND INDICATIONS RELATING TO FIRE PROTECTION (4 POSSIBLE FUNCTIONS)

(for example: a fire door



Steady: the command for the corresponding function has been processed.

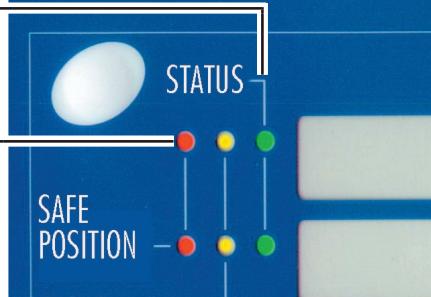
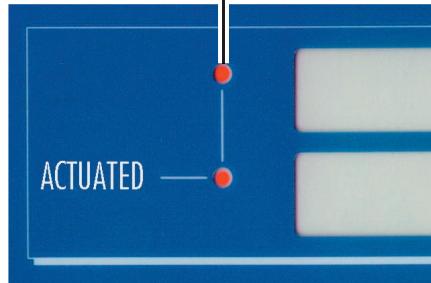
Steady: after pressing the STATUS button, indicates for a few seconds, that all the fire protection devices of the corresponding function are operational.

Steady: all fire protection devices for the corresponding function are in safety position after the command.

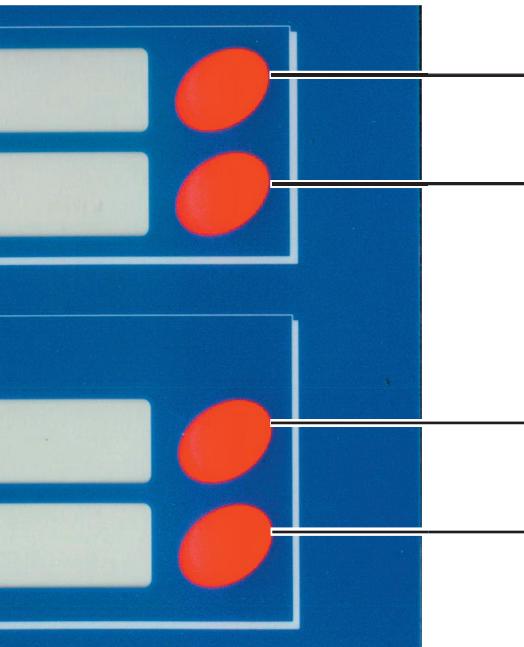
Flashing: at least one fire protection device for the corresponding function is not in safety position after the command.

Steady: before a command there is a fault on the connections of the fire protection devices of the function.

Flashing: at least one fire protection device of the corresponding function is not in waiting position before a command.



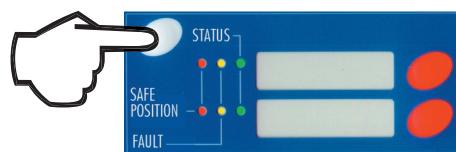
To be used for:



Manual operation of a function without
position control
(N1, N2, N3)

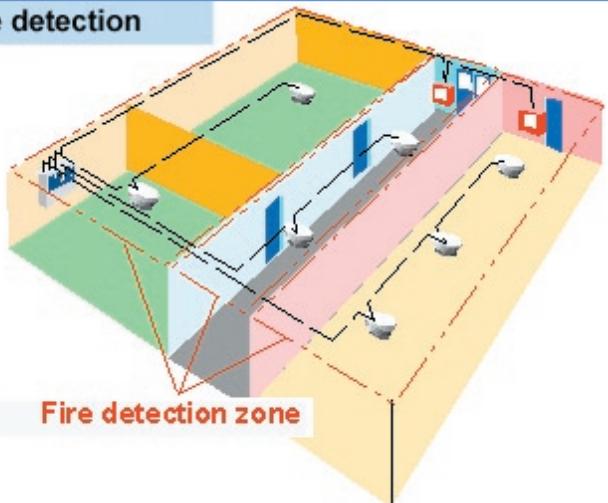
Manual operation of a function with
position control
(N1, N2, N3)

Check that all the fire protection equipment for one of
the above functions is operational **(N1, N2, N3)**

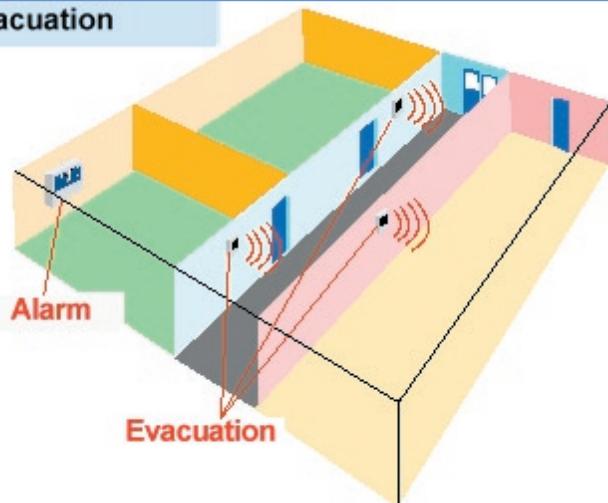


When pressing the
status button, the
green indicator status
is steady a few seconds
if all fire protection
devices are operational.

Fire detection



Evacuation



A building is divided in fire detection zones.

A fire detection zone is a geographical area for which specific visual indication is given.

Each fire detection zone contains:

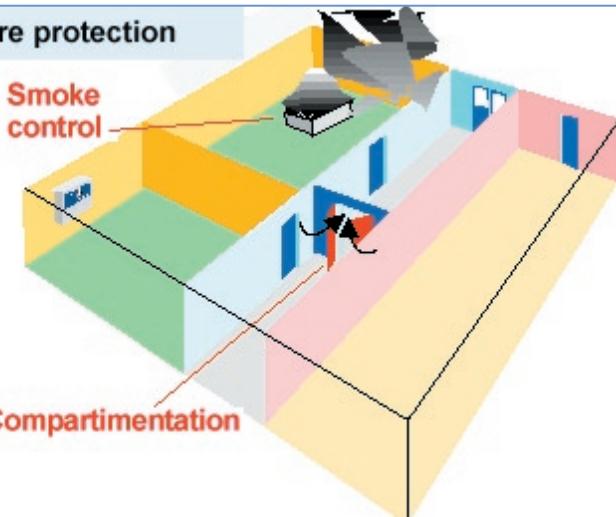
- either one or more fire detectors 
- or one or more manual call points 

UTC.Pack processed evacuation ( : siren).

Activation of a fire detector or call point gives immediately an audible indication on UTC.Pack (internal buzzer / alarm). Following a delay adjustable up to 5 minutes, evacuation (siren) is processed. Evacuation is activated for 5 minutes and can't be stopped during this period.

Evacuation can also be processed manually and immediately by activating (at least 5 seconds) the evacuation button of UTC.Pack.

Fire protection



UTC.Pack controls fire protection functions:

- Compartmentalisation function: its objective is to stop or slow down fire spread (closing fire doors and dampers, for example).
- Smoke control: its objective is to extract hot gases and smoke to outside (opening shutters, activating fans for example), thus facilitating the evacuation process and helping the rescue team.

Fire protection functions can be controlled:

- automatically, by the operation of different detection zones,
- manually from the front panel of the UTC.Pack.

Use / maintenance

Personnel responsible for the operation of the fire protection system must be trained in its use.

The access level for use and maintenance of the Fire Protection System relates to the level of competence of the personnel.

UTC.Pack and connected equipment provides permanent surveillance and management of your fire risk.

The detection system analyses its environment 24h/24. The fire detectors are chosen and installed to suit the nature of the risks of your operation and the architecture of your premises. Any modification to these criteria (moving a partition, changing the use of a room) necessitates an update of your detection installation by the manufacturer or installer.

To ensure the effectiveness of your installation, it should be tested periodically, depending on regulation.

It is recommended that all detection installations must be covered by a maintenance contract with a qualified installer.

Personnel responsible for carrying out maintenance operations on the Fire Protection System must be trained to work in accordance with the maintenance instructions set down for each piece of equipment by the manufacturer.

OPERATING INSTRUCTIONS

Fire alarm

Red FIRE light on, buzzer sounding steady



STOP THE ACOUSTIC SIGNAL



Fault

Yellow FAULT light on, FAULT/DISABLED/TEST flashing, buzzer sounding intermittently.



--> on



--> flashing

FOLLOW THE ESTABLISHMENT'S SAFETY INSTRUCTIONS

STOP THE ACOUSTIC SIGNAL



SEARCH FOR THE CAUSE OF THE FAULT

If necessary call the technical department or telephone:

Immediate operation of the sirens



ATTENTION:

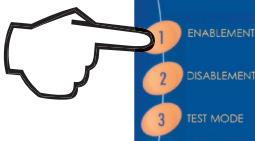
PRESS for at least 3 seconds.

Once the sirens have been turned on it is not possible to stop them manually.

They will stop automatically after 5 minutes.

Cancel an automatic evacuation process.

go to access level 2



ATTENTION :

IMPOSSIBLE if the GENERAL EVACUATION light is steady



WARNING

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