Operating Manual

UTC.Com
COLLECTIVE FIRE PROTECTION SYSTEM

SOMMAIRE

Chubb SÉCURITÉ

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/maintener and enables the use of commands connected with maintenance and settings. There is a level 3 "installation" (③) and a level 3 "maintenance" (❸).

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.

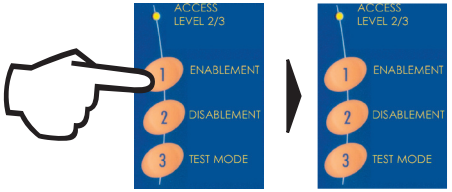
When a correct code is entered, the control unit emits two beeps.

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

To enter an access code (Level 2 or 3), use the following procedure.

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 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 INSTRUCTION

(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
RS repeater output failure, or
Earthing failure, or
Siren circuit failure, or
Position or communication failure for one of the protection functions.

Steady: Mains failure on one of the power supplies

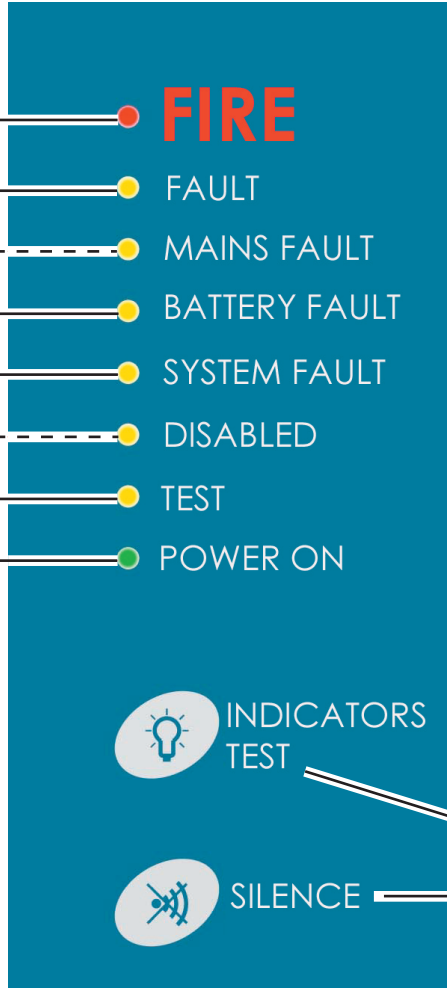
Steady: Battery failure on one of the power supplies

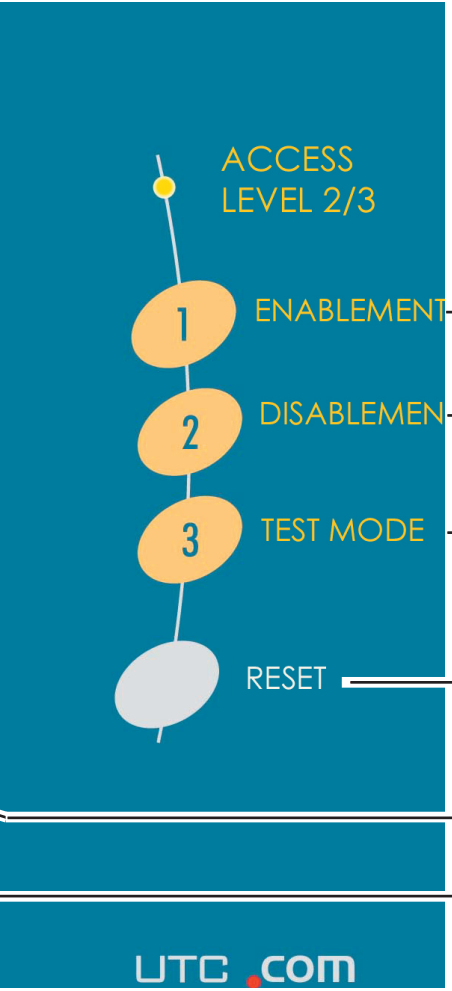
Steady: Mains, battery or system failure.

Steady: At least one fire detection zone or one siren circuit is disabled.

Steady: At least one fire detection zone or one siren circuit is in test mode.

Steady: Power is on.





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 acoustic and visual indications.
(N1, N2, N3)

Stopping the audible signals. **(N1, N2, N3)**

OPÉRATIONS AND INDICATIONS RELATING TO FIRE DETECTION

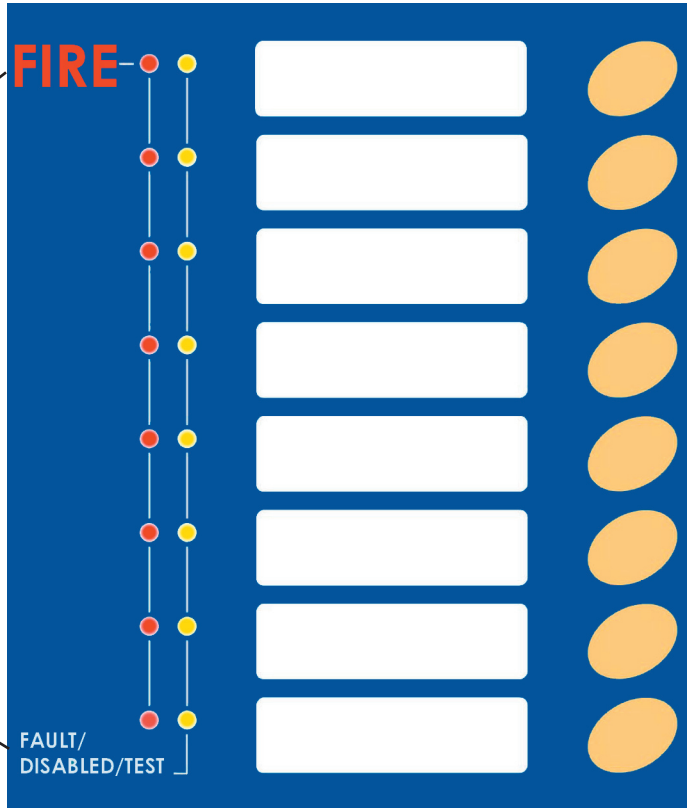
(,)

Steady: the corresponding zone is in fire alarm (the general FIRE light is on),

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

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

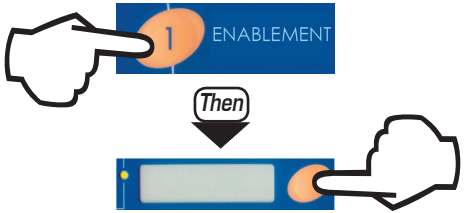
Flashing: there is a fault in the corresponding zone (the general FAULT light is on).



To be use for:

Enabling a detection zone.

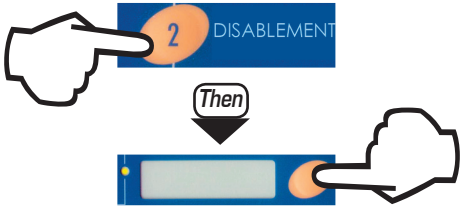
(N2, N3)



The yellow light for the corresponding zone goes off.

Disabling a detection zone.

(N2, N3)



The yellow light for the corresponding zone comes on.

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

OPERATION AND INSTRUCTION RELATIVE TO EVACUATION (ALARM ZONE)

[ ]

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

Flashing: there is a fault on the circuit: the sirens will not operate.

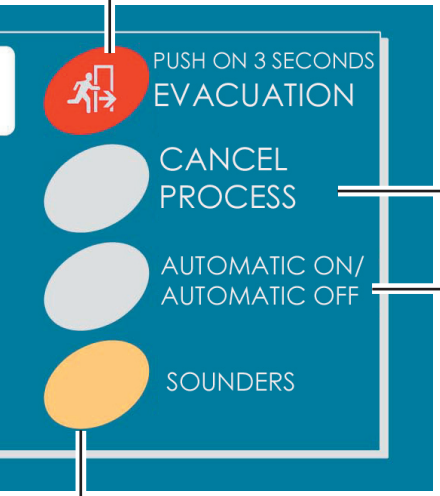
Steady: a fire detection zone controlling the evacuation has detected a fire

Steady: the alarm zone is in AUTOMATIC OFF mode (sirens can only be turned on 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 EVACUATION button).

Steady: the siren circuit is Disabled or in TEST mode

Flashing: there is a FAULT on the siren circuit



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 off)
- **in "automatic on" mode** (if the AUTOMATIC OFF light is steady)

Fonctionnal ONLY if the ALARM or EVACUATION lights are off

Note:
The "automatic off" mode is indicated by the AUTOMATIC OFF light steady

FOR USE ONLY BY THE TECHNICAL DEPARTMENT

OPERATIONS AND INDICATIONS RELATING TO FIRE PROTECTION (8 POSSIBLES FUNCTIONS)

(for example: a fire door)

BEFORE A COMMAND

Steady: at least a fault in a connection.

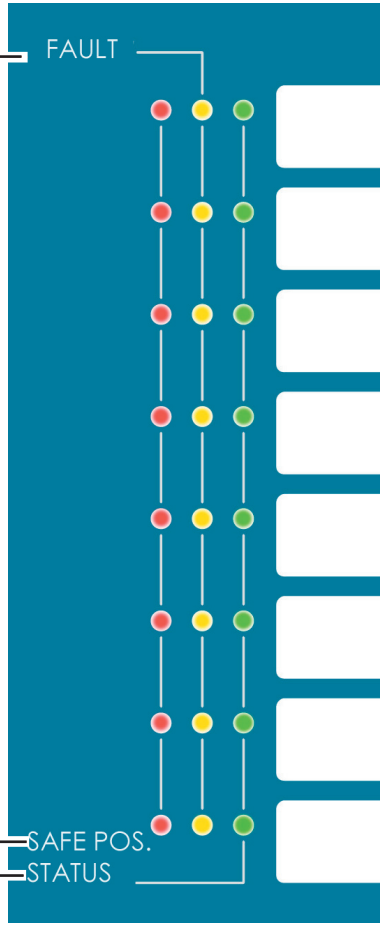
Flashing: at least one item of equipment of the corresponding function is not in standby position.

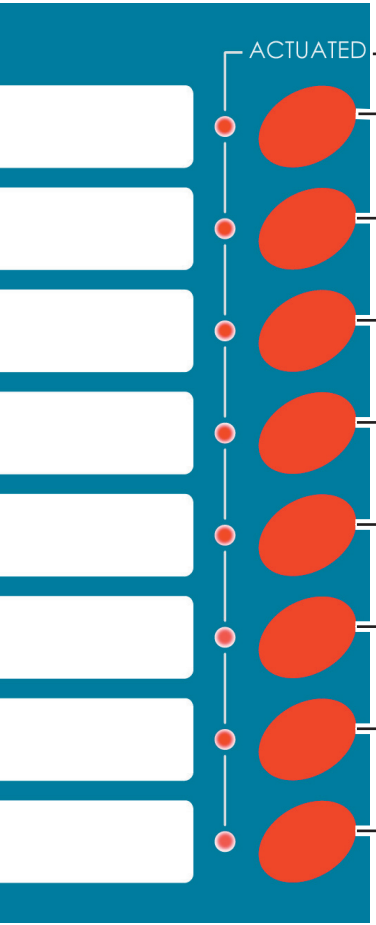
AFTER A COMMAND

Steady: all items of equipment of the corresponding function are in fire protection position.

Flashing: at least one item of equipment of the corresponding function is not in fire protection position.

Steady: after pressing the STATUS button, indicates by coming on for a few seconds, that all the equipment of the corresponding function is operational.





In case of command without control of safety and standby position

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

In case of command with control of safety and standby position

Steady: the automatic command is blocked (manual activation still is possible)

To be used for:

- Manual command of a function **(N1, N2, N3)**
- Status function. If this mode is selected when pressing it, the green indicator status of function (with safety and standby position) is steady a few seconds, if all fire protection devices are operational.

OPERATING INSTRUCTIONS

Fire alarm

Red FIRE light on, buzzer sounding continously

STOP THE ACOUSTIC SIGNAL

FOLLOW THE ESTABLISHMENT'S SAFETY INSTRUCTIONS

Fault

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

STOP THE ACOUSTIC SIGNAL

SEARCH FOR THE CAUSE OF THE FAULT

If necessary call the technical department or telephone:

Immediate operation of the sirens

PRESS FOR AT LEAST 3 SECONDS

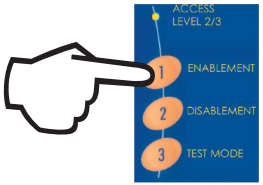
ATTENTION:

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 on

Fire Protection.

see INDICATIONS AND COMMANDS RELATING TO FIRE PROTECTION

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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