

# Controls and Indicators

## Front Panel Overview

Et billede, der indeholder tekst, skærbillede, nummer/tal, Font/skrifttype AI-genereret indhold kan

## Indicators and buttons

### 1. Activation buttons

For manual activation in case of fire hold both buttons for at least 3 seconds to activate the aerosol generators. The aerosol generators will be activated after an activation delay set during commissioning (typically 20 seconds).

### 2. Hold / Isolate / Restart Ventilation button

The hold/isolate input serves more functions:

**Hold** functionality, which temporarily delays the activation of the aerosols after the activation procedure has started.

**Cancel** functionality, pressing the button for at least 20 seconds will cancel the activation.

**Isolate** functionality, which permanently disables the activation of aerosols while work is being carried out in the protected area.

**Restart Ventilation** functionality; During activation, any ventilation systems or similar connected to the FS10 ventilation output will be shut down. After extinction of the fire, the ventilation may be turned on again by pressing the button.

### 3. OK indicator

The OK indicator (green) is lit under normal operation. Note that under all circumstances at least one indicator on the FS10 front panel must be lit. Please consult the FS10 Service Manual for further details.

### 4. Fault indicators

If a fault condition is detected by the FS10 system, the corresponding fault indicator (yellow) will be lit.

## 5. Hold indicator

The hold indicator is lit when hold function is active (i.e., when the Hold button (2) is pressed).

## 6. Activate indicator

The Activate indicator (orange) will be blinking during the activation delay period and will be permanently lit when aerosols have been activated.

## 7. Detector reset button

Button for resetting detectors in alarm state.

## 8. Detector indicators

The relevant detector indicator(s) will be permanently lit if a connected Manual Call Point is in alarm state or blinking if a connected automatic detector is in alarm state.

## 9. Mode indicators

Indicators showing whether the FS10 panel is in automatic or manual mode. In manual mode activation can only happen by pressing the Activation buttons (1) or by using an external activation switch. In automatic mode activation can be started by 1 or 2 active detector inputs or manually as in manual mode.

## 10. Mode selector button

If configured; switch between automatic and manual mode, hold the button for at least 3 seconds.

## 11. Mute / reset / lamptest button

This button works for both faults, alarms, lamptest and fault conditions:

**Faults:** If a fault is detected, the corresponding indicator is lit, and the internal buzzer and the fault condition is signalled to any external device connected by pressing the button, the internal buzzer is muted.

When the fault condition has been remedied, the fault indicator and the external fault output may also be reset by pressing the button.

### **Fire:**

If fire is detected, the corresponding indicator is lit, and the internal buzzer and the fire condition is signalled to any external device connected, by pressing the button, the internal buzzer is muted.

**Lamptest:** To make a lamptest, press and hold button for > 3 sec.

**Fault conditons:** If a fault occurs, press button for > 3 sec. and LED will show fault pattern, see [7.2 Common Faults](#).

## 12. Internal buzzer

The internal buzzer is turned on when a fault condition is detected or when a detector input goes to alarm state. It will also be bleeping when activation of aerosol generators has been started.

# Indicator table

Name	LED	Meaning
System OK	Green	System operational
Faults	Yellow	Fault present
Fire Alarm	Red	Fire detected
Activation	Orange (blink)	Delay running
Activation	Orange (solid)	Aerosol discharge complete
Detector Zone	Red	Detector active

# Interaction Table

Action	Response
Press both activation buttons	Delay begins
Press Hold/Cancel	Delay stops / cancel
Press Isolate > 3 sec.	Isolate Aerosol Generators
Detector activation	Fire alarm
Fault detected	Fault alert
Restart ventilation, ONLY after release	Ventilation ON

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