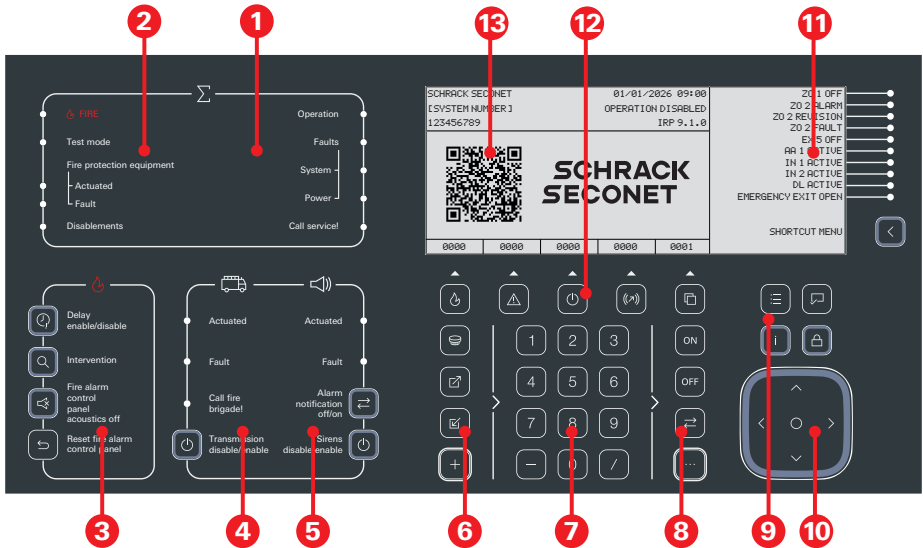


Operating panel Integral IMAP

Quick user manual

Overview



- 1 Operational status and fault indication**
LED Operation: The LED indicates the current operating status of the system.
LED Faults: The LED flashes when an element is faulty. The LED lights up if there is an operating panel failure.
LED System: The LED flashes if there is a module fault or the fire alarm control panel is in emergency mode. The LED lights up if there is an operating panel failure.
LED Power: The LED flashes in addition to the **Faults** LED if there is a fault in the power supply, either a mains fault (power failure) or a battery fault (rechargeable battery defective).
LED Call service!: Contact the service company/customer service of the fire alarm control panel immediately.

- 2 LED and lettering FIRE:** The LED and the lettering flash when an element is in alarm or pre-alarm state.
LED Test mode: The LED lights up if at least one element of the system is switched into test operation (revision).
LED Fire protection equipment/Actuated: The LED lights up if the fire protection equipment/fire incident control system has been actuated.
LED Fire protection equipment/Fault: The LED lights up if the fire protection equipment/fire incident control system is faulty.
LED Disablements: The LED lights up if at least one element of the system is disabled.


- 3 Buttons and LED in alarm state**
Indication/symbol 🔔: The indication flashes red as long as a fire alarm is indicated on the operating panel.
Button Q Delay enable/disable with illuminated ring (function of the button depends on programming and authorisation level) (switching between daytime and night time operating mode): Pressing the button activates all programmed delay layers. Press again to deactivate all active delay layers.
Button Q Intervention with illuminated ring (function of the button depends on programming): With an active acknowledgement time, pressing the button triggers the intervention mode (detector zone with intervention mode goes into alarm state).
Button 🔔 Fire alarm control panel acoustics off with illuminated ring: Pressing the button resets an active alarm or fault signal until a new signal arrives.
Button ↶ Reset fire alarm control panel (function of the button depends on programming and authorisation level): Pressing the button sends a reset command to all elements that are in alarm state.

4 Buttons and LED for transmission equipment

LED Actuated: The LED flashes if the transmission equipment has been activated, i.e. if an assistance organisation has already been called.

LED Fault: The LED flashes if the output or the monitored input of the feedback for the transmission equipment is faulty.


LED Call fire brigade!: The LED lights up in alarm state, if the fire brigade could not be notified automatically.


Button  **Transmission disable/enable** with illuminated ring: Pressing the button switches off the activation of the transmission equipment.

5 Buttons and LED for alarm notification equipment (sirens)

LED Actuated: The LED flashes if the assigned (main) alarm zone or the assigned output is activated, e.g. main siren.

LED Fault: The LED flashes if the assigned (main) alarm zone or the assigned output is faulty.


Button  **Alarm notification off/on** with illuminated ring: Pressing the button resets the main siren and all activated sirens, which are programmed so that they are arranged hierarchically below the main siren.

Button  **Sirens disable/enable** with illuminated ring: Pressing the button switches off the activation of the assigned alarm zone or the assigned siren.

6 Element selection buttons

Pressing the  button selects the element type **ZONE**.

Pressing the  button selects the element type **OUTPUT**.


Pressing the  button selects the element type **INPUT**.

Pressing the **+** button activates a selection list of all available element types.

7 Numeric keypad: enter numbers, hyphen and slash. The hyphen – is the separator for a range. The slash / is the separator for an indication zone (e.g. individual detectors of a detector zone).


8 Command buttons


Pressing **ON** button enables the element.


Pressing the **OFF** button disables the element. Pressing  button actuates the element in idle mode to the active state or resets an active element.


Pressing the ... button displays a list of all available commands of the current authorisation level for the selected element.

9 Function buttons

Briefly pressing the  button (for less than five seconds) indicates the current status of the global alarm counter and the revision alarm counter for the duration of the timeout.

Pressing the  button to change the authorisation level.

Pressing the  button displays additional information of the selected element.


Pressing the  button opens the menu for additional functions.

10 Control pad with confirmation button: navigation in list views, menus and for data entry via the numeric keypad.

11 LEDs and digital labelling area: The ten LEDs can be freely programmed. The indication function of the ten LEDs is defined in terms of light colour and flashing behaviour depending on logical conditions in the system configuration.

The freely programmable button can either be permanently assigned to a function with an associated text in the configuration or a menu can be configured in the operational area with several selection options.

12 Status list counter and list selection buttons

Pressing the  button displays the list of elements in alarm state or pre-alarm state.

Pressing the  button displays the list of elements in fault state.

Pressing the  button displays the list of elements in the disable state or revision state.

Pressing the  button displays the list of elements in the activation state.




Pressing the  button displays further lists (e.g. warnings, activations, time levels, pre-alarm signals).

13 Display with info and operational area

General operations





Release/lock operation

In authorisation level 1, it is per default possible to reset the alarm/fault signal and call up lists. An authorisation code must be entered for further operating and indication processes.






1. Press  button.
2. Enter the authorisation code of a higher authorisation level using the buttons on the numeric keypad.
3. Confirm with the confirmation button . Operation is released.
4. Pressing the  button locks the operating panel.

Switch the fire alarm control panel to day mode

The following description applies to fire alarm control panels with configured intervention mode.

- ▷ Fire alarm control panel in night mode. Illuminated ring around the  **Delay enable/disable** button is inactive.
1. Release operation.
 2. Press the  **Delay enable/disable** button to activate day mode.
 3. The illuminated ring around the  **Delay enable/disable** button lights up.
 4. Lock operation.
 5. If no automatic deactivation is programmed (default), the fire alarm control panel must be switched to night mode by pressing the  **Delay enable/disable** button again.

Disable elements

- ▷ Fire alarm control panel is in idle mode.
1. Release operation.
 2. Press the element button for the element you want to disable: Detector zones , outputs , inputs , other element types .
 3. Enter the element number: Enter the number of the desired element using the buttons of the keypad.
 4. Confirm with the confirmation button .
 5. Pressing the **OFF** button disables the element.
 6. Lock operation.
- ▶ The disablement triggers fire prevention doors and other fire zone forming outputs.

System operation in alarm state






According to alarm plan TRVB 123 S

Acoustic signals

Alarm signal	100 ms with 3 kHz – 100 ms pause
Signal of acknowledgement time	140 ms with 800 Hz – 140 ms pause
Signal of intervention time	4 x (60 ms with 800 Hz – 60 ms pause) – 400 ms pause

Alarm state in day mode

Procedure in alarm state if an automatic detector with activated intervention mode goes into alarm.

- ▷ Signal of acknowledgement time sounds. LED, symbol and lettering  **FIRE** flash.
 - ▷ State list **ALARMS** active. Indication of the triggered detector in the alarm list.
 - ▷ The illuminated ring around the  **Intervention** button flashes. Indication of the remaining acknowledgement time in the info area.
1. Press the  **Intervention** button to start the intervention time.
 - ▶ Signal of intervention time sounds. Indication of the remaining time for intervention in the info area.
 2. Inspect the alarm location, search for the cause.
 3. If a fire is actually discovered during intervention time, the fire brigade has to be notified immediately. The manual call point can be used for immediate alarm notification.
 4. Possibly fire fighting or escape.
 5. The alarm may only be reset by pressing the  **Reset fire alarm control panel** button within the intervention time if there is no doubt that the alarm is a deceptive alarm. Fire brigade is not called.
 - ▶ The fire brigade is called after the intervention time has elapsed or when a second fire detector is triggered. Alarm notification equipment/sirens are activated. LED **Actuated** flashes.
 - ▶ Alarm signal sounds at the fire alarm control panel.
 - ▶ Further alarms are added to the state list.
 - ▶ Fire incident control systems are activated. List counter  shows the active number.

Documentation

Keep a log book in accordance with the regulations (e.g. TRVB 123 S).

Alarm state in night mode

Description applies to systems without intervention mode or for manual call points or detector zones without intervention mode

- Alarm signal sounds at the fire alarm control panel. LED, symbol and lettering **FIRE** flash.
- State list **ALARMS** active. Indication of the triggered detector in the alarm list.
- The fire brigade is called immediately. LED **Actuated** flashes.
- Alarm notification equipment/sirens are activated. LED **Actuated** flashes.
- Fire incident control systems are activated. List counter (🔊) shows the number.

1. Press the 🔊 **Fire alarm control panel acoustics off** button to reset the alarm signal of the fire alarm control panel.
2. Determine alarm location.
3. If only one detector is in alarm state, press the 🔊 **Alarm notification off/on** button to reset the alarm notification equipment/sirens.
4. Optional: Inspect the alarm location, search for the cause, initiate immediate fire fighting.
5. Wait for the fire brigade to arrive.



WARNING

Once the alarm notification has been raised, only the fire brigade may reset the alarm

Even if there is no doubt that the alarm is a deceptive alarm, only the fire brigade may reset the alarm.

Documentation

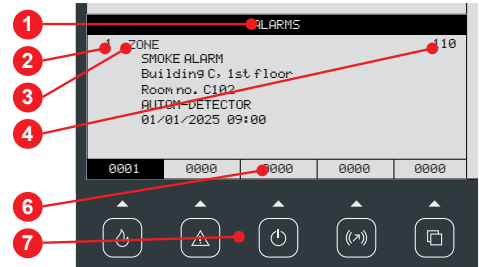
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State lists

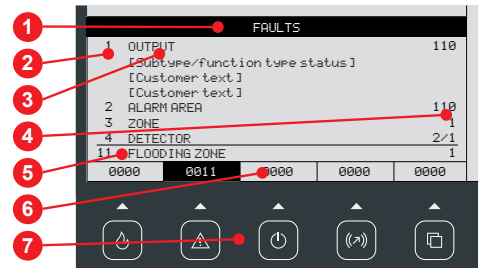
If one of the main lists (alarm, fault, disable or activation) contains one or more indications, the number of entries is shown in the status list counter above the corresponding list selection button in the display. The list with the highest priority is automatically displayed, the list counter of the displayed list is shown inversely.

Pressing the corresponding button shows the entries in the assigned list. If no button is pressed for a prolonged period of time, then the display automatically reverts to the list with the highest priority.

Status list with one entry



Status list with multiple entries



- 1 List heading
- 2 List counter
- 3 Element type
- 4 Element number
- 5 Last entry in the list
- 6 State list counter (active counter shown inversely)
- 7 List selection buttons

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