

MAINTENANCE

If the system is connected to the fire department or actuates an internal system, disarm the appropriate outputs before servicing to prevent actuation. You will find information to the procedures in this document: FC92x / FT924 Fire control panel / Fire terminal – Operation Manual A6V1033380

Notify personnel at your facility that a System test is being performed so that any alarm sounding can be ignored during the test.

Notify the fire department before resetting the system.

Maintenance recommendation

Detailed instructions for maintaining the site can be found in document Commissioning / Maintenance / Troubleshooting A6V10333434. Please adhere to the local provisions. Carry out the recommended maintenance work at regular intervals or have it carried out by a service engineer.

Maintenance work	Interval
Testing detectors	annually
Testing the control panel	annually
Simulating alarm	annually
Simulating trouble	annually

We also recommend the following inspection and testing schedule:

Every Six Months

- Check the sensitivity of each detector.
- Check that all appropriate detectors are armed.
- Activate a detector or alarm-initiating device.
- To test for Go-No Go operation, use Test Gas, P/N 315-282747, following the instructions on the label.
- Check that the detector LED lights and the proper indication is given at the Control Panel.
- Verify that an alarm can be acknowledged and that the System can be silenced and reset.
- Verify the time and date setting of the System clock.

Every Year

- Check that the output logic functions – the controls – work in accordance with customer specifications.
- Perform any other test required by national or local fire codes.

Bypass / enable

To avoid false alarms, you can bypass parts of a 'Site' in certain situations, e.g. for the purpose of maintenance work. If part of the 'Site' is bypassed, the 'Partial System Disabled' LED lights up. The situations in which part of a 'Site' should be bypassed, depends on the detectors used as well as on possible deceptive phenomena such as smoke, dust, heat or vapour.

WARNING

System parts that have been bypassed make it impossible to acquire and process alarms or troubles! Fire may spread unhindered.

- Deploy staff to supervise the bypassed area.
- You must enable bypassed parts of the 'Site' as soon as possible.

i If a bypassed 'Zone' is the only 'Zone' in a 'Section', the 'Section' is also indicated as bypassed.

Inscription	LED color	LED status 'System normal' / activated
ALARM (LED field above designation)	Red	Off / Unacknowledged: Flashes Acknowledged: Steady on
Gas ALARM	Red	Off / Unacknowledged: Flashes Acknowledged: Steady on
Supervisory	Yellow	Off / Unacknowledged: Flashes Acknowledged: Steady on
Trouble	Yellow	Off / Unacknowledged: Flashes Acknowledged: Steady on
Partial System Disabled	Yellow	Off / Unacknowledged: Flashes Acknowledged: Steady on
User 1...User 10	x	Configurable
System		
Power	Green	Steady on / On battery: Flashes
Ground Fault	Yellow	Off / Unacknowledged: Flashes Acknowledged: Steady on
Audibles		
ON	yellow	Off / Steady on
Silenced	yellow	Off / Steady on
Acknowledge	yellow	Off / Unacknowledged: Flashes rapidly
Reset	yellow	Off / Unacknowledged: Flashes rapidly

Log in / Change access level

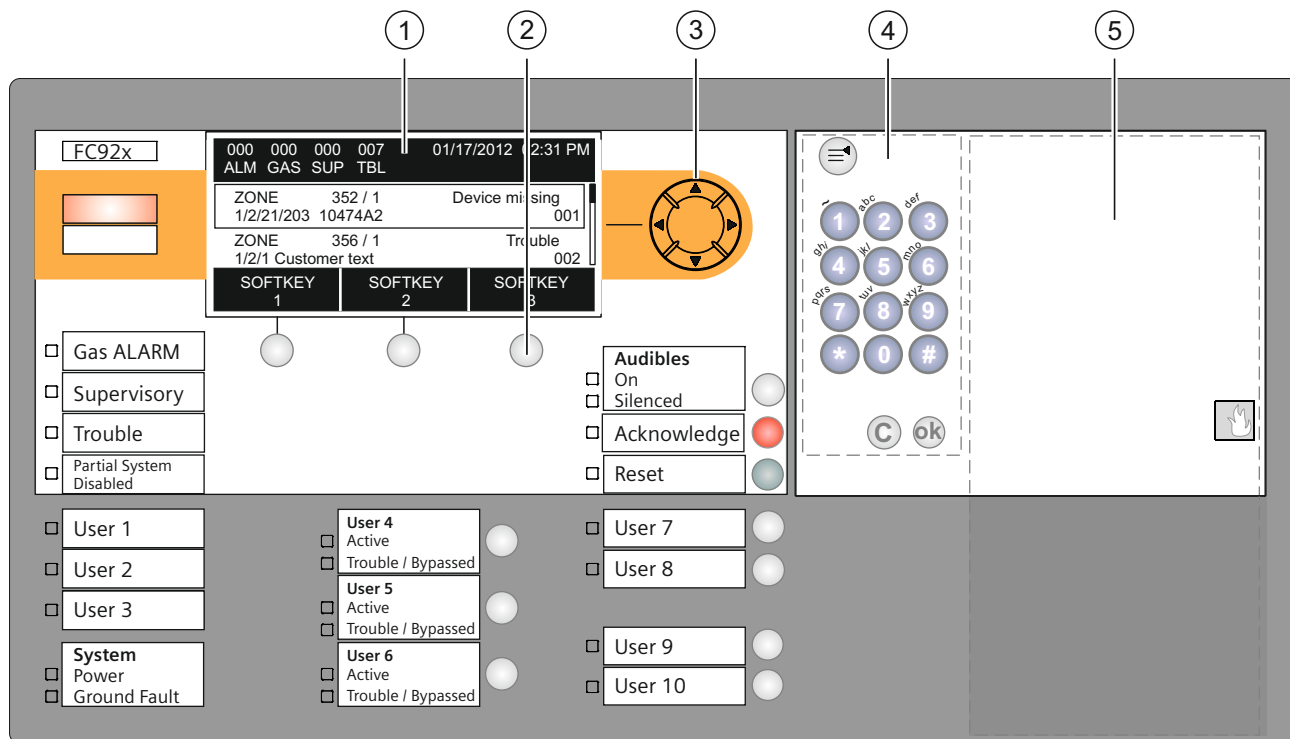
You can enable an 'Access level' by entering your PIN in the PIN entry dialog, or by pressing <ok>. Alternatively you can use the key switch (optional) to release an Access level.

If you press a key on the Person Machine Interface whose function requires a higher 'Access level', the PIN input dialog is displayed automatically

Bypassing a detector zone

1. In the main menu, select the 'Functions' menu item.
=> The 'Functions' window is open.
2. Select the 'Enable / Bypass' menu item.
=> A list of all element categories on which a command of the 'Enable / Bypass' command group can be executed is indicated.
3. Select the 'Element category' 'Zone'.
=> The 'Enter address' window is open.
4. Press <ok> without entering an address.
=> All 'Zones' are displayed.
5. Select a 'Zone' and press 'Execute Commands' <softkey 1>.
=> The 'Select command' window is open.
6. Select the 'BYPASS' command and confirm with <ok>.
=> The window with the command response confirms the selected command.
=> 'Zone' is bypassed.

These instructions must be framed and located adjacent to the control unit for ready reference.



- ① Display ② Softkey ③ Navigation buttons ④ Keypad with Menu key, ok key and Cancel key ⑤ Area for fitting options **Menu key:** Opens Main Menu on Display

NORMAL STANDBY - Screen displays SYSTEM STATUS NORMAL with the time and date.

POWER - Power LED glows steady green to indicate that the AC power is on; blinks when the System is on battery backup.

PARTIAL SYSTEM DISABLED - Partial System Disabled glows steady yellow when any device is disabled.

Display

The display has a backlight. The backlight is activated when one of the following conditions is met:

- At least one event has occurred that activates the event acoustics.
- A key is pressed.

A countdown (3 min.) for switching off the backlight is started simultaneously.

The backlight is deactivated when the following conditions are met:

- The countdown has elapsed.
- The event acoustics are bypassed.

- No unacknowledged event is pending.

As long as one of the requirements is not satisfied, the backlight remains switched on.

Internal Audible Alarm

The internal audible alarm sounds steadily when there is an unacknowledged fire alarm. It pulses if all alarms are acknowledged, but there is at least one supervisory, trouble, or security condition.

Softkeys

Softkeys are buttons which you can use to carry out functions that are displayed in the three fields of the softkey line on the display. These three black fields contain the names of the functions in white font.

The functions of the softkeys change dynamically depending on the situation and the contents of the display.

Always the most important functions are assigned to the softkeys 1 and 2.

DISPLAY TEST (LAMP TEST)

1. In the main menu, select the 'Settings/administration' menu item.
2. Select the 'LED test' menu item.

=> Phase 1 starts:
Display is totally white.
LEDs are in color mode 1.
=> Phase 2 starts:
Display is totally black.
LEDs are in color mode 2.

Navigation buttons

The navigation buttons work in the same way as the arrow keys on a PC keyboard.

With the <▲> and <▼> buttons, the next entry in a list can be highlighted. Changing to a higher or lower hierarchy level is possible with the <◀> and <▶> buttons.

In a command list, the highlighted command may be executed with the <▶> button.

When characters are entered, the character to the left of the cursor position is deleted by pressing the <▲> button.

Event messages, status identification

- ! Message not acknowledged
- Cause of message no longer available
- ✓ Message acknowledged
- + More than one detector is active

Follow these steps if there is an event.

The sequence is the same for all types of events.

Acknowledge Event

- Press to acknowledge the active event. "!" will change to "✓" and appropriate LED will glow steady.

Silence Audibles

- Press to silence audibles. Audibles Silenced glows.

Reset System

- Press to reset the system. Requires password.

More Info

- Press Softkeys.

The reference for these Operating Instructions is the following document:
FC92x / FT924 Fire control panel / Fire terminal – Operation Manual A6V1033380

Your local Siemens Industry, Inc. Representative is:

NAME: _____

TELEPHONE NO.: _____