



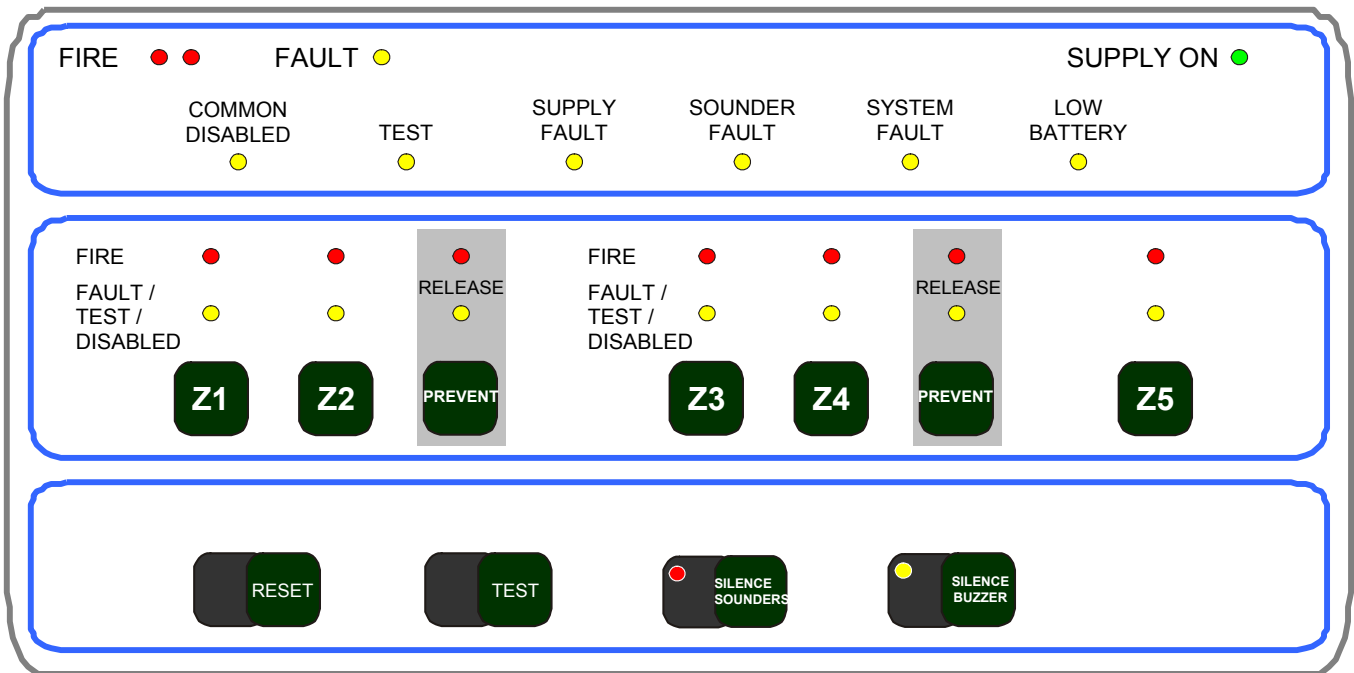
GE Interlogix

ARITECH

FP500 Series Conventional Gas Extinguishing Panels User Manual

Typical Panel (Front View) FP50x/x

A view of the front of a typical FP50x/x Series Gas Extinguishing Panel is shown below.








Normal Operation

Normal operation is indicated by:


- Supply ON, green LED.
- All other LEDs are off.

In Case of Fire

1. The panel **BUZZER SOUNDS CONTINUOUSLY**.
2. Red *Fire* LEDs indicate that a fire has occurred. Note the zone(s) where the fire is located. **A RED LED ABOVE THE ZONE DESCRIPTIONS INDICATES THE ZONE LOCATION OF THE FIRE.**
3. Turn the key-switch to UNLOCK () and push **Silence Buzzer**.

4. **Sounders:**
The sounders are activated unless the sounder delay is active. If the sounder delay is active and you want to activate the sounders, push the Silence Sounders button for 4 seconds
(with the key-switch in the UNLOCK  position).
5. In order to silence the sirens/bells, push **Silence Sounders** (with the key-switch in the UNLOCK  position).
6. Investigate the source of the alarm.
7. To re-initiate the warning, press **Silence Sounders** (with the key-switch in the UNLOCK  position).
8. **Restore to Normal:**
When the fire situation is under control, the fire panel can be brought to normal condition by pushing the **Reset** button (with the key-switch in the UNLOCK () position).
If a fire condition reoccurs, then one of the following exists:
 - The fire is not under control.
 - A Manual Call Point glass is broken. Repair or disable the zone.
 - Detectors are contaminated with smoke. Clean the detectors.
9. **Reset** the fire panel.

In Case of more than one Fire alarm (Double knock)


1. A gas discharge is imminent
2. The panel **BUZZER SOUNDS CONTINUOUSLY**.
3. Red *Fire* LEDs indicate that fires have occurred. Note the zone(s) where the fires are located. **A RED LED ABOVE THE ZONE DESCRIPTIONS INDICATES THE ZONE LOCATION OF THE FIRE.**
4. Turn the key-switch to UNLOCK () and push **Silence Buzzer**.
5. The "Release" LED flashes during the delay period between the second knock and the gas release. After gas has been released, the "Release" LED is steady on.

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

EVACUATE THE AREA.


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DO NOT TO ENTER THE AREA WHEN THE "RELEASE" LED BECOMES STEADY.

6. Gas discharge control:
 - To prevent the gas discharge, use the external "Shut down" call point or press the **Prevent** button for the affected area (with the key-switch in the UNLOCK  position).
 - The "Release" call point will discharge gas immediately (without delay) and override any **Prevent** button press or "Shut down" call point.

7. Sounders:


The sounders are activated unless the sounder delay is active. If the sounder delay is active and you want to activate the sounders, push the Silence Sounders button for 4 seconds (with the key-switch in the UNLOCK  position).
8. In order to silence the sirens/bells, push **Silence Sounders** (with the key-switch in the UNLOCK  position).
9. Investigate the source of the alarm.
10. To re-initiate the warning, press **Silence Sounders** (with the key-switch in the UNLOCK  position).
11. Restore to Normal:

When the fire situation is under control, the fire panel can be brought to normal condition by pushing the **Reset** button (with the key-switch in the UNLOCK () position).

If a fire condition reoccurs, then one of the following exists:


 - The fire is not under control.
 - A Manual Call Point glass is broken. Repair or disable the zone.
 - Detectors are contaminated with smoke. Clean the detectors.
12. **Reset** the fire panel.

In Case of Fault


1. The panel **BUZZER SOUNDS INTERMITTENTLY**.
2. The yellow blinking LED opposite FAULT indicates that a fault has occurred.
3. Turn the key-switch to UNLOCK () and push **Silence Buzzer**.
4. A yellow LED above or below one of the following indicates the nature of the fault:

A Particular Zone:	Call the maintenance engineer
Supply Fault:	Check mains supply and batteries
Sounder Fault:	Call the maintenance engineer
System Fault:	Call the maintenance engineer
Low Battery:	Check mains supply and batteries
Release:	Call the maintenance engineer



Disabling a Zone

1. Turn the key-switch to UNLOCK ().
2. Push the **Zone Disable** button below the required zone.
3. The yellow LED above the zone lights.
4. Push **Silence Buzzer**.
5. Repeat the above to disable further zones.

Enabling a Zone

1. Turn the key-switch to UNLOCK ().
2. Push the **Zone Disable** button below the disabled zone.
3. The yellow LED above the zone turns off.

Disabling/Enabling the Sounders

1. Turn the key-switch to UNLOCK ().
2. Press the **Silence Sounders** button whilst turning the key-switch to the LOCK () position.
3. The *Silence Sounders* LED is ON for disabled or OFF for enabled.
4. Push **Silence Buzzer**, if required.

Test

The integrity of the fire system is ensured only by being regularly tested by experienced maintenance personnel.

Detailed Operation

Refer to the Installation Manual.