



# FireShield Plus Fire Alarm Control Panel Operating Instructions

These operating instructions apply to control panel models in the FSP302, FSP502, and FSP1004 series. For additional information, see the *FireShield Plus Technical Reference Manual*, P/N 3101018.

## Operation

**Normal (no events):** Power LED is on. All other LEDs are off. The Power LED is always on except when operating on standby (battery) power.

**Alarm events:** System Alarm LED is on, one or more IDC Alarm LEDs are on, and the panel buzzer is on. The system Waterflow LED is on if a waterflow switch is active.

**Supervisory events:** System Supervisory (SUP) LED is on, one or more IDC SUP/MON LEDs are on, and the panel buzzer is on

**Trouble events:** System Trouble LED is on, one or more IDC or NAC trouble (TBL) LEDs are on, and the panel buzzer is on. Depending on the trouble, the system Disable, Annunciator (ANN) Trouble, Battery (BATT) Trouble, or Ground (GND) Fault LEDs may also be on.

**Monitor events:** One or more IDC SUP/MON LEDs are flashing and the panel buzzer is on

## Responding to alarm signals

1. Evacuate the area.
2. Notify the proper authorities immediately. State the nature and location of the emergency.
3. Be prepared to direct firefighters when they arrive.

## Silencing alarm signals

**WARNING:** The protected premises may be occupied. Do not silence alarm signals or reset the panel unless you are authorized to do so and only after all occupants have been evacuated.

### To silence alarm signals:

1. Press the Signal Silence & Drill button. The LED indicates that Signal Silence is active.

Signal Silence turns off all active audible notification appliances. A new alarm event or pressing the Signal Silence & Drill button again turns the notification appliances back on. Signal Silence does not turn off coded alarm signals, city tie signals, and alarm signals activated by a waterflow switch.

Panel programming may inhibit Signal Silence for one minute after alarm signals are activated and may prevent Signal Silence from turning off visible notification appliances.

## Silencing the panel

**WARNING:** Trouble conditions may affect the panel's ability to provide early detection and indication of a fire. Identify the source of the trouble and notify authorized service personnel immediately.

### To silence the panel:

1. Press the Panel Silence button.

Panel Silence turns the panel buzzer off. New events will turn the panel buzzer back on. If there are no new events, the panel buzzer automatically re-sounds within 24 hours.

## Resetting the panel

1. Press the Reset button. The Reset LED flashes at different intervals while the system is resetting then turns off.

Reset returns the panel to normal operation provided there are no active input devices. Before resetting the panel, make sure all smoke detectors are free from smoke and all manual pull stations are restored to normal.

Panel programming may inhibit Reset for one minute after alarm signals are activated.

## Activating a drill

1. Notify the fire department.
2. Press the Signal Silence & Drill button for two seconds.

Drill turns on all notification appliances and city tie signals. Drill does not activate any alarm responses and does not turn on coded fire alarm signals.

Pressing the Signal Silence & Drill button again cancels the drill and turns all notification appliances and city tie signals off.

## Maintenance recommendations

Inspect and test the fire alarm system in accordance with NFPA 72 and the local authority having jurisdiction.

**Fuses:** Verify the correct fuse is installed at least once per year

**Batteries:** Replace the batteries every five years or sooner as required.

### For service contact

Name:	_____
Address:	_____
	_____
Phone:	_____