

Fire Alarm Control Panel FPD-7024

Operating Instructions

Understanding the Built-in Keypad




The keypad built into the control panel is an alphanumeric LCD keypad. It has a two-line by 16-character display that provides information on various control panel functions. In most instances, the top line of the display provides general system status information, while the second line describes specific devices that might be relevant to the current system status. When keys are pressed, the display shows the current action on the top line, while showing rotating menu choices on the second line. A built-in sounder is used to announce keystroke entries and as an interior warning device.




This document must be framed and mounted in view adjacent to the FACP.

Local Service Representative

Name _____
Address _____
Phone _____

Modes of System Operation

The green Power LED lights when AC power is present, and flashes when the unit is operating from battery power. → 
The red Alarm LED lights whenever the system has registered an alarm and is not reset. → 
The yellow Supervisory LED lights whenever the system registers a supervisory condition. → 

 The yellow Trouble LED lights whenever the system has detected a problem with its wiring or internal circuitry and remains lit until the underlying trouble condition is corrected. The trouble LED flashes while programming mode is active.
 The yellow Silenced LED lights when an alarm or trouble condition is manually silenced by the user and turns off when the condition that was silenced is corrected.
 The yellow Ground Fault LED lights whenever a ground fault is present on the system.

Scroll keys are used to move through the off-normal events indicated on the display.

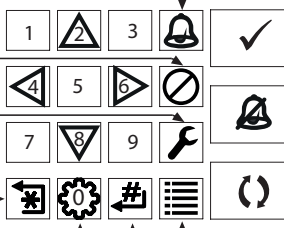


The Disable key allows the system to disable or re-enable inputs, notification appliance circuits or relays (outputs), and the dialer.

The Test key allows one of seven special test modes to be selected.

While programming, the Back key can be used to exit menus or exit programming mode entirely.

The Programming key selects the programming mode.



The Drill key is used to activate the local notification appliance circuits manually.

Use the Acknowledge key to silence local keypad sounders and to view off-normal conditions.

The Silence key quiets the bells/sirens for an alarm or trouble condition.

The Reset key briefly turns off power to detectors to reset them and clears any off-normal conditions.

The History key allows the record of system events to be viewed.

The Enter key is used to accept data when in Programming mode.






Normal Operation: When the system is operating normally, **SYSTEM NORMAL** appears on the top line of the display, the Power LED is lit, and no other LEDs are lit. If the system is programmed to require a PIN, **ENTER PIN:** appears on the second line of the LCD screen. Otherwise, the control panel bypasses this display and shows the date and time.

Alarm Operation: When an alarm occurs, the top line of the display shows **ALARM (xxx)**. This display overrides any other system display. The second line of the display shows **USE ACK/FUNC**, alternating with the programmed description for the affected point. The built-in sounder turns on with a steady tone and outputs programmed to activate with the current alarm condition(s) activate.

Trouble Operation: When a trouble condition occurs (such as wiring for a point is cut, AC power fails, and so on), the sounder activates briefly, every 10 sec. The Trouble LED lights and **TROUBLE (xxx)** appears in the top line of the display. The second line of the display shows **USE ACK/FUNC**, alternating with the programmed description for the trouble event.

Supervisory Operation: When a supervisory condition occurs the sounder activates briefly, every 10 sec. The Supervisory LED lights and **SUPERVISORY (xxx)** appears in the top line of the display. The second line of the display shows **USE ACK/FUNC**, alternating with the programmed description for the supervisory event.

Using PIN Numbers: On systems configured with no requirement for PIN numbers, commands such as **Reset** and **Silence** are performed by pressing the appropriate key once the panel is opened to access the keys. For systems requiring a PIN number, first enter the user's assigned four-digit PIN number. Once the list of available options appears, simply press the key for the desired command.

The  is used as the Acknowledge button. When pressed, the keypad and control panel piezo will silence, but the NACs will not be affected. Pressing  allows stepping through the groups of off-normal conditions. Pressing  or  allows you to view details of an off-normal condition within the group selected. Pressing  returns you to the main menu. If pressed again, it releases control of the panel. If this is not done, it will automatically time out in 3 min.

