

Fire Alarm Control Panel FPD-7024

Operating Instructions FPD7024 (v1.03)

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. It remains lit, even when the supervisory sounder is silenced.

→ ■ Power ■ Trouble
→ ■ Alarm ■ Silenced
→ ■ Supervisory ■ Gnd Flt

The yellow Trouble LED lights whenever the system has detected a problem with its wiring or internal circuitry. It turns off only when the underlying trouble condition is corrected. The trouble LED flashes while programming mode is active.

The yellow Silenced LED lights when an alarm condition is manually silenced by the user. It turns off when the condition that was silenced is corrected.

The yellow Gnd Flt LED lights whenever a ground fault is present on the system.

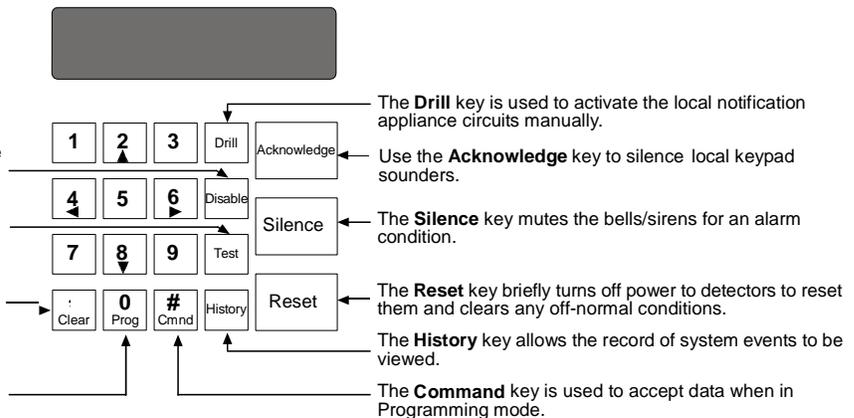
Scroll keys ◀ ▶ ▲ ▼ are used to move through the off-normal events indicated on the display.

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 **Clear** key can be used to exit menus or exit programming mode entirely.

The **Programming** key selects the 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/Trouble/Supervisory Operation: When an alarm occurs, the built-in sounder turns on with a steady tone and outputs programmed to activate with the current alarm condition(s) activate. The alarm display overrides any other system display. 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 seconds and the Trouble LED lights. When a supervisory condition occurs the sounder activates briefly, every 10 seconds and the Supervisory LED lights.

Keypad Display during Alarm/Trouble/Supervisory Operation: In each case, the top line of the display shows **xxx/yyy TTT : PTzzz** where xxx is the event number, yyy is the total number of events, zzz is the point number, and TTT is the event type (ALM for Alarm, TRB for Trouble, or SUP for Supervisory). The second line of the display shows **◀GRP ▲VIEW GRP▶**, alternating with the programmed description for the affected point

When the Acknowledge key is pressed, the keypad and control panel peizo will silence but the NACs will not be affected. Pressing the ◀ or the ▶ key allows stepping through the groups of off-normal conditions. Pressing the ▲ or the ▼ key allows you to view details of an off-normal condition within the group selected.

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.

