

Fire Alarm Control Panel D7024

Operating Instructions

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

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 being 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 annunciate keystroke entries and as an interior warning device.

Local Service Representative

Name _____
Address _____

Phone _____

Modes of System Operation

The green Power LED is on when AC power is present, and flashes when the unit is operating from battery power.

The red Alarm LED illuminates whenever the system has registered an alarm and is not reset.

■ Power ■ Trouble
■ Alarm ■ Silenced

The yellow Trouble LED is lit whenever the system has detected a problem with its wiring or internal circuitry. It remains on, even when the trouble sounder is silenced, turning off only when the underlying trouble condition is corrected. The trouble LED flashes while programming mode is active.

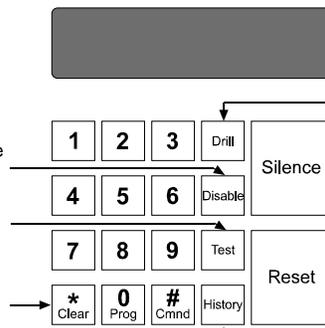
The yellow Silenced LED illuminates when an alarm or trouble condition is manually silenced by the user. It turns off when the condition that was silenced is corrected.

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.



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

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 **Command** 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 on steady, 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 a rotating menu of possible user actions.

Alarm Operation: When an alarm occurs, the top line of the display shows FIRE ALARM. This display overrides any other system display. The second line of the display shows the point number in alarm, alternating with the programmed description for the affected point. If more than one alarm (or other off-normal condition) is active, they appear on the second line of the display, one after another. 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 seconds. The Trouble LED illuminates and SYSTEM TROUBLE appears in the top line of the display. The second line of the display identifies the specific problem.

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.

