

Operating Instructions for the DS7400 Control Unit

In the event of trouble, contact:

Company _____
Telephone _____
Address _____

**This document must be framed and mounted
adjacent to the control unit.**

Normal Condition

Under normal conditions, the keypad Power and Status Lights will be on steady.

Fire Alarm

During a Fire Alarm, the alarm sounding devices and the keypad sounders will be activated. The keypad display will read "Fire Alarm."

- To silence the Fire Alarm sounders:
Enter a valid PIN followed by the command (#) button. "Fire Alarm" and "Sounder Silenced" will then be displayed.
- To reset the system:
Determine the cause of the alarm. Then enter a valid PIN followed by command (#) 80. This command clears the "Fire Alarm" and "Sounder Silenced" displays.

Note: The control panel must be reset after a fire alarm or future alarms will not be detected.

Fire Trouble

During a Fire Trouble, the keypad sounders will pulse once every 10 seconds. The keypad display will read "Fire Trouble."

- To silence the sounders:
Enter a valid PIN followed by the command (#) button.

If the cause for the Trouble condition has been eliminated, the sounders will silence and the "Fire Trouble" display will be cleared.

If the cause for the Trouble condition has not been eliminated, the sounders will silence, but the "Fire Trouble" display will **not** be cleared. The keypad will also display the point that is in the Trouble condition.
- To clear the display:
Eliminate the cause of the Trouble condition. Then enter a valid PIN followed by the command (#) button.

Supervisory Signal

During a Supervisory Signal, the keypad sounders will pulse once every 10 seconds. The keypad display will read "Supervisory (Pt. Nbr.)."

- To silence the sounders:
Enter a valid PIN followed by the command (#) button.

If the cause for the Supervisory condition has been eliminated, the sounders will silence and the "Supervisory" display will be cleared.

If the cause for the Supervisory condition has not been eliminated, the sounders will silence, but the "Supervisory" display will **not** be cleared.

- To clear the display:
Eliminate the cause of the Supervisory condition. Then enter a valid PIN followed by the command (#) button.

Power Trouble

During a Power Trouble, the Power Light will be flashing and the keypad sounders will Pulse every ten seconds. The keypad display will read "Control Trouble/Press #87."

A Power Trouble can be caused by several conditions.

- To silence a Power Trouble:
Enter a valid PIN followed by the command (#) button.
- To determine the cause of the Power Trouble:
Enter a valid PIN followed by command (#) 87. One of the following will be displayed:
 - AC Failure: AC power has been lost or has gone below the "Brown Out" level. The Power Light will continue to flash until AC power has been restored. If AC power restores while the Trouble condition has been silenced, the sounders will begin to pulse again.
 - Low Battery: The battery voltage has dropped below 12VDC or the battery is missing. The Low Battery condition may be cleared, but will return if the battery fails the next battery test. After clearing a Low Battery condition, the battery should immediately be tested as described in the "Testing" section. If the battery restores while the Trouble condition has been silenced, the sounders will begin to pulse again.
- To clear a Power Trouble:
Eliminate the cause of the Trouble condition. Then enter a valid PIN followed by command (#) 87 *.

Testing Procedure

The sounders should be tested (at least weekly) using the keypad activated Sounder Test. The Sounder Test is activated by entering a PIN followed by the command button (#) and 85. This test activates the sounders using power from the battery; thereby, testing the battery. If the battery is defective, the system will go into a Power Trouble condition. The system sirens and keypad sounders will activate for two seconds.

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