



South Western Communications, Inc.

Detention Electronics Group

Fire Alarm Basics Service Bulletin

March, 2011

These instructions are general in nature. Refer to your system instructions for specific notes peculiar to that system.

The panel requires a key to access the controls to prevent unauthorized tampering. Indicators include power (green), alarm (red), trouble (yellow), and supervisory (yellow).

Power indicates normal utility power is present and within tolerance. Alarm indicates a fire condition exists, typically presence of smoke, excessive heat, water flow on the fire sprinkler, or activation of another type of extinguishing system – kitchen hood or other chemical system. Your operating procedures should address your response for evacuation or life safety reaction. Trouble indicates something less than 100% integrity within the system and should be reported and investigated for repair. This includes loss of normal power. Supervisory indicates a monitored condition such as sprinkler valves are not in the normal state and should be reported and investigated for repair. Anything less than normal may indicate that a fire condition would not be detected and evacuation signals will not occur.

Typically each indicator will have an associated control switch or button. Trouble and Supervisory indicators will have an acknowledge switch to silence the panel buzzer. This buzzer may return after a pause, or require multiple conditions be acknowledged separately. The buzzer will start again when a new off-normal condition is reported. If there is a text display, it will show each condition as it is acknowledged. The Alarm Silence switch will silence will silence the horns or bells, except when water is flowing in the sprinkler system. Water must be shut off before the alarm silence will work. Flashing strobe lights will continue to operate until the alarm is reset.

Any alarm condition must be corrected, i.e. reset a pull station, clear smoke, remove heat, or stop water flow before the system reset will clear the alarm. Many Reset switches must be held for about five seconds before it actually resets the system to clear an alarm.

Contact us for your service needs at service2@swcdec.com or visit us at www.swcdec.com

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