

# Operating Instructions

**NORMAL STANDBY OPERATION:** 1) The green AC POWER indicator must be lit, 2) all alarm (red LEDs) and trouble indicators (yellow LEDs) should be off.

**ALARM CONDITION:** Activation of a compatible detector or any normally open fire alarm initiating device will result in the following action by the System 500 control panel: 1) activate alarm notification, control, and signaling outputs as programmed, 2) light the Red SYSTEM ALARM LED and the associated initiating circuit alarm LED(s), and 3) A steady audible tone will sound until the alarm is acknowledged or silenced. The controlled outputs will remain activated and the associated alarm LEDs will flash until the alarm has been silenced or acknowledged, or the system has been reset.

If **PRESIGNAL DELAY** has been programmed, the activation of all *silenceable* output circuits will be delayed by the time marked at right. For Positive Alarm Sequence (PAS): If the ACKNOWLEDGE or SILENCE keys are not pressed within 15 seconds of initiation of a first (and only) alarm, output signals will be activated. Otherwise, the programmed PAS 1, 2, or 3-minute time delay will take effect.

- None selected
- 1 Minute
- 2 Minutes
- 3 Minutes
- PAS 1 Minute
- PAS 2 Minutes
- PAS 3 Minutes

If **ALARM SILENCE** has been programmed, all silenceable output circuits will be shut off after the time marked at right.

- None selected
- 5 Minutes
- 10 Minutes
- 20 Minutes

**ACKNOWLEDGE (SILENCE TONE):** Depressing the ACKNOWLEDGE switch will turn the audible tone off and switch operation of associated LED(s) from flashing to steady. New alarms and/or troubles will resound the audible tone and flash their associated LED(s).

**ALARM SILENCING PROCEDURE:** Alarm Notification Appliance Circuits, control relays and signalling circuits that have been programmed as silenceable may be silenced by depressing the SIGNAL SILENCE switch on the CPU control panel (top left module). Subsequent alarms will reactivate alarm outputs.

If **SIGNAL SILENCE INHIBIT** has been programmed, Signal Silence will not function for the inhibit time marked at right.

- None selected
- 30 Seconds
- 1 Minute
- 5 Minutes

*SIGNAL SILENCE should not be pressed until it is determined that an evacuation of the building is not required!*

**ALARM RESET:** After locating and correcting the alarm condition, reset the control panel by depressing the SYSTEM RESET switch on the CPU control panel (top left module).

**DISABLE/ENABLE:** Refer to the System 500 Installation Manual. **WARNING:** Disabling a circuit will reduce or eliminate fire protection.

**TROUBLE CONDITION:** Activation of a trouble signal under normal operation indicates a condition that requires immediate correction. Carefully note which indicators (LEDs) are illuminated and contact your local service representative. The audible tone may be silenced by depressing the ACKNOWLEDGE switch, subsequent trouble(s) will reactivate the audible tone. Trouble LEDs will continue to display the trouble condition(s) until the trouble(s) is corrected.

## Local Service Representative

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Telephone: \_\_\_\_\_