



NOTIFIER®

SGL-2000 Fire Alarm Control Panel

OPERATING INSTRUCTIONS

OPERATING INFORMATION

NORMAL STANDBY OPERATION: 1. All push button switches must be in their normal outward position; 2. Green "A. C." power indicator lit steady; 3. Red 'ALARM' indicator(s) off; and 4. Yellow 'TROUBLE' indicator off.

ALARM CONDITION: 1. A red "Alarm" indicator will light, 2. alarm signaling devices are activated, and 3. option module (remote station or supplementary alarm relay) is activated.

ALARM RESET: After locating and correcting the alarm condition, reset the control panel by depressing the 'RESET' switch. Return all switches to their normal positions.

TROUBLE CONDITIONS: Activation of trouble signal under normal operation indicates a condition that requires immediate correction. Contact your local service representative. The audible signal may be silenced by depressing the 'TROUBLE SILENCE' switch. Trouble lamp will continue to flash.

CONTROLS AND INDICATORS

'RESET': The function of this switch is to reset the control panel and the smoke detectors provided the alarm condition has been cleared. A trouble condition is indicated while this switch is depressed.

'TROUBLE SILENCE': Depressing this switch during a trouble condition will silence the pulsing audible trouble signal; LED will still indicate trouble condition. An interrupted tone will sound when the trouble is corrected to indicate that this switch should be returned to its outward position.

'DISABLE': This push-push switch, when in the depressed, off-normal position, will prevent the sounding of alarm signaling devices and the operation of the optional modules. The alarm LED will continue to indicate the alarm conditions. A trouble condition is indicated while this switch is in the off-normal position.

'ALARM': Red LED(s) that illuminate to indicate an alarm condition. The 'DISABLE' switch will not affect the 'ALARM' LED(s).

'TROUBLE': A yellow LED that is illuminated during a fault or abnormal operating condition.

'A. C.': The green LED is turned-on when the control panel is operating from the AC power source. Yellow and green LEDs both flash to indicate below normal line voltage (brown-out). An extinguished green LED indicates complete loss of AC power.

'AUDIBLE TROUBLE TONE': An audible tone will sound to indicate:

1. Trouble: A pulsing audible tone signal having a short on time and long off time.
2. Off-Normal Trouble Silence Switch: Indicated by an intermittent audible tone signal having a long on time and short off time.
3. Alarm: A continuous sounding audible tone.

WARNING: Remove all power sources before working in panel.

PERIODIC TESTING AND MAINTENANCE

To insure proper and reliable operation, it is recommended that system inspection and testing be scheduled monthly or as required by national and/or local fire codes. Testing should be done by qualified Services Representative if a malfunction is encountered.

- 1) Before testing: a) notify fire department and/or central alarm receiving station if alarm condition is transmitted; b) notify facility personnel of test so that alarm sounding devices are ignored during test period; c) when necessary, activation of alarm signaling devices can be prevented by depressing 'DISABLE' switch.
- 2) Activate a zone via an alarm initiating device and check that active signaling devices sound, and alarm lamp lights. Reset system. Repeat for each zone.
- 3) Momentarily activate the following switches (one at a time) and check for a trouble signal: a) 'RESET' and b) 'DISABLE'.
- 4) Depress 'TROUBLE SILENCE' switch to normal position.
- 5) Momentarily open the following circuits, (one at a time) and check for a trouble signal a) Signaling (BELL) circuit, b) Initiating zone 1, and c) Initiating zone 2, if employed.
- 6) If new batteries were installed, wait 48 hours before completing this step. Remove AC power, activate a zone and check that: 1) 'ALARM' indicator light and 2) that all active signaling devices sound. Measure battery voltage while signaling devices are sounding. Replace any battery with terminal voltage less than 85% of rating. Reapply AC power and depress 'RESET'.
- 7) Return all switches to their normal outward positions. Notify fire, central station, and/or building personnel that test is complete.

LOCAL SERVICE REPRESENTATIVE:

Name: _____

Address: _____

Telephone: _____