



**NOTIFIER®**

# CSGL-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 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 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 Service 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.
- 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.
- 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: \_\_\_\_\_