

# BASIC OPERATING INSTRUCTIONS FOR THE GEMC-SERIES COMMERCIAL FIRE ALARM SYSTEM

To Access control functions (such as SILENCE, RESET, ACK buttons etc.) keypad must be "unlocked" by entering code then pressing ENTER (UNLOCK). Keypad will remain unlocked until relocked or approximately 5 minutes of inactivity.

## STANDBY

This is the normal mode. The keypad LCD displays "SYSTEM NORMAL" above current date and time. Green AC ON light is lit.

SYSTEM NORMAL 11/01/18 12:05 AM
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option displays. Press YES or ENTER. Scroll to desired zone/output using NEXT and/or PRIOR buttons (or press the desired zone/external output number) then press ENTER. Press SILENCE (DISABLE) button. Press RESET to exit menu. Trouble sounder sounds, DISABLED icon and TROUBLE icon flash. Press SILENCE or ACK to silence sounder and change icons from flashing to steady on.

## FIRE ALARM

FIRE Z123 001 XX/XX/XX HH:MM AM	123-SMK NW STAIR 3 <sup>RD</sup> FLOOR
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LCD displays initial fire alarm, "FIRE ZXXX" and the EVENT# on the first line with the date and time of the alarm on the second line, then scrolls to the description of the zone in alarm. The ALARM LED flashes and alarm sounders / indicators are active.

FIRE Z123 001> XX/XX/XX HH:MM AM	123-SMK NW STAIR 3 <sup>RD</sup> FLOOR
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Note: The ">" following the EVENT# indicates additional information; press PRIOR or NEXT to view.

## To Disable Remote Reporting:

"Unlock" keypad using either a Master Security Code or Dealer Keypad Program Code, then press MENU until "DISABLE REMOTE REPORTING" option displays. Press YES or ENTER. Press RESET to exit menu. Trouble sounder sounds, DISABLED icon and TROUBLE icon flash. Press SILENCE or ACK to silence sounder and change icons from flashing to steady on.

## RESTORE ZONE / OUTPUT

LCD TROUBLE icon and DISABLED icon are on. "Unlock" keypad, then press MENU until "ZONE DISABLE / OUTPUT BYPASSED" option displays. Press YES or ENTER. Press NEXT and/or PRIOR until desired zone/output displays. Press YES or ENTER. The DISABLE icon turns off. Press RESET to exit menu. If all other conditions are restored, the "SYSTEM NORMAL" display will return.

If Remote Reporting is disabled, "Unlock" keypad using either a Master Security Code or Dealer Keypad Program Code, then press MENU until "ENABLE REMOTE REPORTING" option displays. Press YES or ENTER. Press RESET to exit menu. If all other conditions are restored, the "SYSTEM NORMAL" display will return.

## SUPERVISORY

SUPV Z123 001> XX/XX/XX HH:MM AM	123-SMK NW STAIR 3 <sup>RD</sup> FLOOR
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## CO ALARM

CO ALARM Z123 001 XX/XX/XX HH:MM AM	123-CO NW STAIR 4 <sup>TH</sup> FLOOR
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LCD displays initial fire alarm, "CO ZXXX" and the EVENT# on the first line with the date and time of the alarm on the second line, then scrolls to the description of the zone in alarm. The ALARM LED flashes and alarm sounders / indicators are active.

CO ALARM Z123 001> XX/XX/XX HH:MM AM	123-CO NW STAIR 4 <sup>TH</sup> FLOOR
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Note: The ">" following the EVENT# indicates additional information; press PRIOR or NEXT to view.

## FUNCTIONS OF DISPLAYS

- LCD - Displays initial highest priority condition, system status, menu options and details.
- SUPV icon - Flashes in supervisory alarm; steady when silenced.
- TROUBLE icon - Flashes when fire system is in trouble (or zone/output disabled); steady when silenced / acknowledged.
- DISABLED icon - Flashes when zones or circuits are disabled; steady when silenced or acknowledged.
- SILENCED icon - On steady when fire alarm is silenced.
- ALARM LED - Flashes when in fire or CO alarm; steady when silenced.
- AC ON LED - On when AC power is present; off when AC power is absent.

## SILENCE ALARM

"Unlock" keypad, press ACK and then press SILENCE. After sounder silences, the SILENCED icon turns on and ALARM LED changes from flashing to steady.

## RESET ALARM

"Unlock" keypad, then press RESET. LCD prompts "ATTEMPTING RESET ... Please WAIT 15 sec".

If all Fire devices/zones reset and troubles restore, the "SYSTEM NORMAL" display will return.

## ALARM TEST

LCD must display "SYSTEM NORMAL" before initiating test. To initiate system test (s): "Unlock" keypad, press MENU until "DO FIRE DRILL" displays. Press YES or ENTER. Follow WI instructions.

## TROUBLE

LCD displays initial trouble "SYSTRBL... XXX" (if highest priority condition) and TROUBLE icon flashes. Note: The ">" following the EVENT# indicates additional information; press PRIOR or NEXT to view.

## SILENCE TROUBLE

"Unlock" keypad, then press ACK or RESET. Trouble sounder silences and TROUBLE icon changes from flashing to steady.

## RESET TROUBLE

"Unlock" keypad when the TROUBLE icon is steady, press RESET. LCD prompts "ATTEMPTING RESET...Please WAIT 15 sec". If all fire devices reset and troubles restore, the "SYSTEM NORMAL" display will return and the TROUBLE icon will extinguish.

## OFF-NORMAL POSITION OF CIRCUITS

### To Disable a Zone / Output Circuit:

"Unlock" keypad, then press MENU until "ZONE DIRECTORY / "OUTPUT DIRECTORY"

## FUNCTIONS OF BUTTONS

- Numbers 0-9 - Used to enter user codes to "unlock" the system; view status, access functions or select zone/output. Note: Holding down zero for 3 seconds will turn off supplemental devices when keypad is unlocked.
- MENU - Press to display / scroll through menu options (when system is unlocked).
- SILENCE (DISABLE) - Silences alarm sounders (when system is unlocked). In the ZONE DIRECTORY, ZONE DISABLE, OUTPUT DIRECTORY or OUTPUT BYPASSED MENU displays; this button toggles the displaying zone/output between disabled and un-disabled.
- RESET - Acknowledges condition (s) have been viewed (flashing icons changed to steady), thus allowing new conditions to display clearly with flashing icons. Initiates reset sequence, allowing alarms, supervisory conditions and troubles to restore.
- ENTER (UNLOCK) - Press to enter user code or activate displayed menu option.
- NEXT - Activates the displayed menu option (when system is unlocked) or prompts the next zone/output to display.
- PRIOR - Prompts for the previous zone/output to display (when system unlocked).
- ACK - Acknowledges condition (s) have been viewed (flashing icons changed to steady), thus allowing new conditions to display clearly with flashing icons.

## ADVANCED MENU FUNCTIONS

- LOCK KEYPAD - Immediately locks keypad against affecting any system operation.
- DISPLAY FIRE LOG - For Fire Chief / serviceman use. See OI341.

## FUSE REPLACEMENT

Contact service representative for replacement or repair.

CAUTION: For continued protection against risk of fire, replace only with the same type and rating of fuse. See WI1653.

## BATTERY MAINTENANCE AND REPLACEMENT

Battery must be inspected annually, and replaced every 4 years or as necessary.

## MAINTENANCE

Maintain in accordance with NFPA 72 requirements.

Notes: (1) If panel sounder is on, call for service. (2) A complete functional checkout of the control unit is required following any programming or reprogramming. (3) This page is to be framed and mounted adjacent to the control unit.

Local Service Representative: \_\_\_\_\_

Address and Telephone Number: \_\_\_\_\_