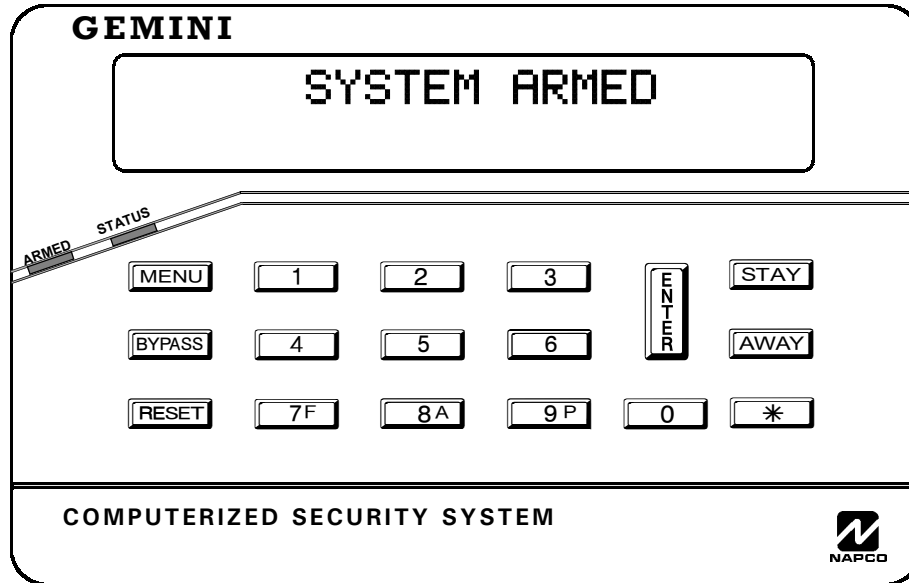


# OPERATING GUIDE for your GEM-RP8LCD KEYPAD



# INTRODUCTION

The GEM-RP8LCD is a “*smart*” user-friendly, menu-driven keypad designed for your Napco control panel. The keypad is interactive--its alphanumeric screen will not only display the status of your system, but will also guide you through all operations.

This booklet contains important information about the operation of your system with this GEM-RP8LCD Keypad. Read it carefully and keep it handy for future reference. Check the

Glossary for an explanation of terms that may be unfamiliar to you.

You'll probably find subjects mentioned in this booklet that do not apply to your system. Napco control panels have such a wide variety of features that few security systems, if any, will ever need them all. Your alarm professional has chosen appropriate features for your particular needs.




Regardless of how your system has been

configured, rest assured that it has been carefully designed and engineered to the highest industry standards. To assure optimum safety and security, familiarize yourself with this equipment. Periodically check its condition and state of readiness by testing it at least once a week in both the ac/battery and battery-only modes (ac disconnected). Ask your alarm professional how to make these tests.

## IMPORTANT - TEST YOUR SYSTEM WEEKLY

### Test your sounding device and backup battery


(Perform these tests only at a time designated by your alarm company).


 While disarmed, press  .


- The alarm will sound for about two seconds.
- If the alarm does not sound, call for service.
- If the battery is low, “LOW BATTERY” will appear in the display indicating a low battery condition. Allow 24 hours for the battery to recharge. If the trouble continues, call for service.




### Test your central station communicator

 **For the P800 Panel system ONLY, use the following procedure:**

1. Notify Central Station of the impending test.
2. Secure all zones to light the Status Light on your keypad.
3. Enter your User Code followed by  to Arm the system.
4. Violate your alarm by opening a window / door etc.

5. The siren or bell should sound and the system will send the alarm signals to the Central Station.
6. Enter your User Code followed by  to silence the alarm.
7. Call Central Station to insure that the alarm signals were received properly.

 **For All Other Systems (such as the P801 Panel)**

1. Notify your Central Station of the impending test.
  2. While disarmed, enter your User Code and press .
  3. Press  until “ACTIVATE DIALER TEST” appears in the window.
  4. Press  to send a test code to the central station.
- If the test is not successful, “FAIL TO COMM” will display, indicating a communication failure. Call for service.

**Note:** Any subsequent successful transmission will clear a “*Failure to Communicate*” system trouble.

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**TO SILENCE AN ALARM, ENTER YOUR  
CODE, AND PRESS .**

FOR SERVICE, CALL: \_\_\_\_\_

CENTRAL STATION: \_\_\_\_\_

EXIT DELAY: \_\_\_\_\_

ENTRY DELAY: \_\_\_\_\_

FIRE ALARM SOUND\*:  
\_\_\_\_\_

BURGLAR ALARM SOUND\*:  
\_\_\_\_\_

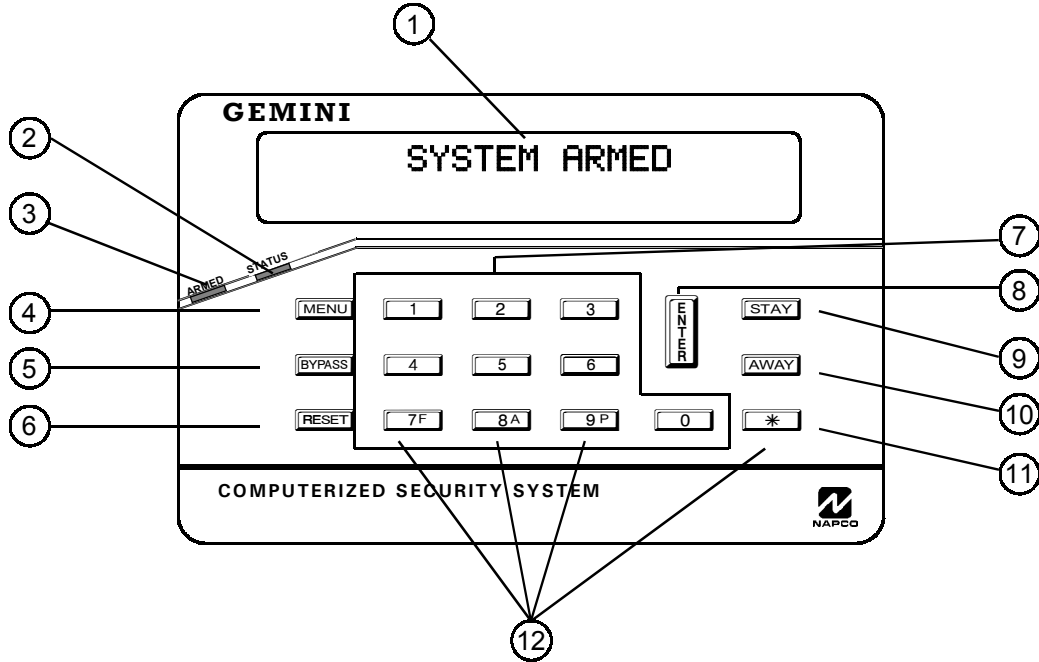
KEYPAD FIRE ENABLED?       YES     NO

KEYPAD PANIC ENABLED?     YES     NO










KEYPAD AUX. ENABLED?      YES     NO

\* FIRE HAS PRIORITY OVER BURGLARY.

# KEYPAD CONTROLS & INDICATORS



## KEYPAD CONTROLS & INDICATORS

- ① **Window.** Displays system status messages, zone descriptions, etc.
- ② **STATUS Light.** Lights (green) to indicate that the system is ready for arming. If a zone is not secured, the light will be off and the zone will display in the window.
- ③ **ARMED Light.** Lights (red) to indicate that the system is armed. If an alarm has occurred, the ARMED LED will be flashing.
- ④ **MENU Button.** Selects available system functions as displayed in the window. The selected function is executed by pressing the  button.
- ⑤ **BYPASS Button.** (1) Deactivates selected zones from the system. (2) reactivates a bypassed zone.
- ⑥ **RESET Button.** (1) Resets various system troubles, displays, etc. (See text). (2) Resets residential smoke detectors.
- ⑦ **Numerical Keys (1-9, 0).** Used to enter codes, zone numbers, etc.
- ⑧ **ENTER Button.** Entry key. Causes the entered code or selected function to be executed.
- ⑨ **STAY Button.** (1) Pressed after a valid User Code, the system will arm in Stay Mode. (2) If held down for two seconds and EZ Exit is enabled, the system will arm in Stay Mode. (3) If held down for two seconds and system is armed STAY, system will arm INSTANT.
- ⑩ **AWAY Button.** Allows arming with interior protection on.
- ⑪ **STAR Button ().** Is used with emergency buttons (see below).
- ⑫ **Emergency Buttons.** Used with the  button to signal an emergency, as follows:
- Press the  and the  buttons for Fire Emergency.
  - Press the  and the  buttons for Auxiliary Emergency.
  - Press the  and the  buttons for Police Emergency.

# ARMING AWAY: SETTING THE ALARM WHEN LEAVING

SYSTEM READY

INVALID ENTRY  
TRY AGAIN

PLEASE EXIT  
030 SECONDS

FAULTED ZONES

02 BACK DOOR

CAN'T ARM SYSTEM  
...ZONE FAULTED

## Arming the System

**1 Check the keypad for a SYSTEM READY message.** *The green STATUS light must be on in order to arm.* The window will display "SYSTEM READY". If the green light is off and "ZONES FAULTED" is displayed in the window, see below "Arming with a Faulted Zone".

## 2 Arm the system.

Enter your User Code and press **AWAY**.

Hold down **AWAY** for 2 seconds (with **Easy Arming** enabled).

The green STATUS light will turn off, the red ARMED light will light and the window will display "PLEASE EXIT", "XXX SECONDS" (where "XXX" represents the exit time remaining, in 2-second steps). Note: If you enter a wrong code, the keypad will display "INVALID ENTRY, TRY AGAIN". Re-enter your code immediately.

**3 Leave the premises.** Leave through the exit door before exit time expires.

## Arming with a Faulted Zone

If the green light is off and "FAULTED ZONES" is displayed in the window, a faulted zone exists and the keypad will display the number and zone description of each faulted zone. Note each problem zone and secure them by closing windows, doors, etc. When all zones are secure, the green STATUS light will turn on and the window will display "SYSTEM READY" or READY TO ARM".

If you attempt to arm with a faulted zone, a 3-second tone will sound at the keypad. "CAN'T ARM SYSTEM ...ZONE FAULTED", will display in the window, indicating that the faulted zone(s) must either be secured before the panel can be armed or the Zone must be Selectively Bypassed. See next page, "Selectively Bypassing Zones".

# ARMING AWAY: SETTING THE ALARM WHEN LEAVING

CAN'T ARM SYSTEM  
...ZONE FAULTED

02 BACK DOOR

BYPASS

PLEASE EXIT  
040 SECONDS

SYS TBL

SYSTEM TROUBLE  
LOW BATTERY

SYS TBL

CAN'T ARM SYSTEM  
...PRESS RESET

## Selectively Bypassing Zones

If you cannot locate or repair the problem yourself, call for assistance. If you cannot get immediate help, bypass the problem zone(s) from the system by pressing **[BYPASS]**, then the single-digit zone number. The word BYPASS appears on the display. (You can “un-bypass” the bypassed zone by pressing **[BYPASS]** and the zone number again). With the zone(s) bypassed, arm the system (enter your code and press **[AWAY]**), and leave the premises.

**Note:** Bypassed zones are unprotected. Therefore, if armed with zones bypassed, be sure to have the system checked as soon as possible.

## System Trouble

If you attempt to arm with a “SYSTEM TROUBLE” display along with an indicated trouble message (e.g. “LOW BATTERY”; see SYSTEM TROUBLES), the window will display “CAN'T ARM SYSTEM...PRESS RESET”. If you cannot correct the problem immediately, press **[RESET]** to arm in this condition. Be sure to call for service as soon as possible.

## ARMING STAY: PROTECTING YOURSELF AT HOME

BYPASS SYSTEM READY

BYPASS PLEASE EXIT  
030 SECONDS

BYPASS SYSTEM ARMED

### Arming in Stay Mode

Interior Zones, when bypassed, allow free movement within the home while the protection of armed perimeter zones is maintained.

To arm with Interior Zones bypassed:

- Enter your User Code followed by **[STAY]**.
- Hold down **[STAY]** for 2 seconds (with **Easy Arming** enabled).

The red ARMED light turns on, the window will display “BYPASS” and “PLEASE EXIT... XXX SECONDS” (where “XXX” represents the exit time remaining, in 2-second steps). At the end of the exit delay, the display will display “SYSTEM ARMED” with “BYPASS” indicated.

### Instant Protection

When retiring for the evening, after all family members are home, you can cancel the entry delay on the Entry Zone(s) by holding down **[STAY]** for 2 seconds with the system armed.

- While armed, the red ARMED light will flicker rapidly to indicate *instant protection*.
- Instant Protection cancels the entry delay, therefore if a door is opened after the system is armed (at the end of the exit delay) the system will immediately proceed into alarm.
- If Instant Protection is invoked just after entering your code in the keypad, the exit delay countdown will remain in effect, allowing exit of the house.

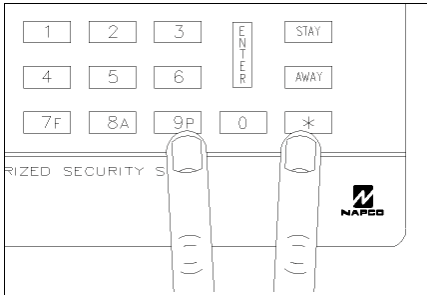


# ARMED STAY: PROTECTING YOURSELF WHILE HOME

## Easy Exit (Optional - Easy Exit programmed? YES NO)

Your system may have been programmed for Easy Exit, which allows a user to exit the premises while the system is armed. By activating Easy Exit while the system is armed, a 3 minute window opens, during which time you are permitted to exit and enter through the exit door. This will allow, for example, an early morning commuter to exit the house, without having to disarm and rearm the system, awaking the family.

1. Press **MENU** to enter the Function Menu. Press **MENU** until “Easy Exit” appears.
  2. Press **EXIT** to activate Easy Exit on your system.
- (Or press **MENU** **0** for a shortcut).



A police emergency occurs? Press **9P** and **\*** buttons at the same time.

## Emergency Buttons (Only available if programmed)


The Blue Emergency Buttons (**7F**, **8A** & **9P**), if programmed, are always active, whether the system is armed or disarmed. The emergency signal will only be transmitted when an Emergency Button and **\*** are pressed at the same time.

- **Fire Emergency** Simultaneously press **7F** and **\*** to alert the central station of a fire emergency. (Fire Emergency programmed?  YES  NO)
- **Auxiliary Emergency** Simultaneously press **8A** and **\*** to alert the central station of an Auxiliary emergency. (Auxiliary Emergency programmed?  YES  NO)
- **Police Emergency** Simultaneously press **9P** and **\*** to alert the central station of a police emergency. (Police Emergency programmed?  YES  NO)

# TURNING OFF THE ALARM (DISARMING) WHEN RETURNING

DISARM NOW  
XXX SECONDS



## Disarming the System

- 1 Enter your premises through the Entry/Exit door. The keypad will sound a steady tone to remind you to disarm the system before your Entry Delay time expires.
- 2 Enter your User Code and press . The red ARMED light will go out, indicating that the system has been disarmed.
  - If you enter an invalid code, the keypad will sound two tones, signifying an error. Re-enter your code immediately.
  - 10 seconds before Entry Delay expires, the keypad will emit a pulsing warning tone (if programmed by your alarm installer).


## Alarm Indication / Silencing an Alarm

If the red ARMED light is flashing and “ALARM” is displayed, an alarm occurred while you were out. Proceed with caution! If you suspect that an intruder may still be on the premises, leave immediately and call authorities from a neighbor's phone.

### To silence an audible alarm:

- 1 Enter your code and press . After the system is disarmed, the window will continue to display “ALARM MEMORY” followed by the zone(s) violated.
- 2 To reset the alarm memory display, note the zones violated, then press .

**Ambush** (Optional - Ambush programmed?  YES  NO) (Your Ambush Code is \_\_ \_\_ \_\_ \_\_)

The Ambush Code (optional) is a special 4-digit code that is entered in place of your normal code. If an intruder forces you to disarm your system, enter your Ambush Code and press .


This will send a silent alarm to the central station. The red ARMED light will go out and the window will display “SYSTEM READY”, as if the system were merely disarmed. There will be no indication that an alarm has been sent.

## FIRE PROTECTION (OPTIONAL)

**FIRE** FIRE ALARM

### Fire-Zone Alarm

If a fire is detected, the fire alarm signal will turn on, "FIRE" will be displayed and the keypad sounder will pulse.

- 1 If a fire is in progress, evacuate the premises immediately! If necessary, call the Fire Department from an outside phone.
- 2 Press the **RESET** button to silence the keypad sounder.
- 3 If there is no evidence of a fire, enter your User Code and press  to turn off the alarm.
- 4 Check smoke detector(s). If a smoke detector tripped, its red alarm indicator light will be on.
- 5 After the alarm condition is corrected (thermostat cooled down; smoke cleared from detector; etc.), pressing **RESET** again will reset the keypad within about 30 seconds.

**NOTE:** When the Fire Zone is reset, the FIRE icon on the left side of the display will go out after 20 seconds. If the FIRE icon is still displayed, the fire zone has not been properly reset. If you cannot clear this condition by pressing **RESET**, call for service.

**FIRE** SYSTEM TROUBLE  
FIRE TROUBLE

### Fire-Zone Trouble

- 1 If a problem in the fire-circuit is detected, "FIRE TBL" will display and the sounder will pulse to signal a malfunction.
- 2 Press **RESET** to silence the sounder. Call for service immediately!

# FIRE PROTECTION

## Preparing a Fire Escape Plan

Even with the most advanced fire alarm system, adequate protection requires an escape plan.

To prepare your plan, draw floor plans of your building. Show two exits - a front or back door and a window from each room. (Make sure the window works. You may need a special fire-escape ladder if the window is high up). Write down your outside meeting place.

## Family Rehearsal.

Rehearse each of the following activities:

1. Everyone in his room with the doors closed.
2. One person sounds the alarm.
3. Each person tests his door.

4. Pretend the door is hot and use the alternate escape exit.
5. Everyone meets outdoors at the assigned spot.

## Important! - Read Carefully

Discuss these escape procedures with all those who use the building:

1. In a residence, sleep with the bedroom door closed. A closed door will hold back deadly smoke while you escape.
2. When the fire alarm signals, escape quickly. Do not stop to pack.
3. Test the door. If it is hot, use your alternate route through the window. If the door is cool, brace your shoulder against it and open it cautiously. Be

ready to slam the door if smoke or heat rushes in. Crawl through smoke, holding your breath. Close the doors again on leaving to help prevent the fire from spreading.

4. Go to your specific outdoor meeting place so you can see that everyone is safe.
5. Assign someone to make sure nobody returns to the burning building.
6. Call the Fire Department from a neighbor's telephone.

## Would You Like More Safety Information?

For more information on home fire detection, burn safety, and home fire safety, write to the National Fire Protection Association, Public Affairs Dept. 05A, Batterymarch Plaza, Quincy, MA 02269.

# FIRE PROTECTION

## LIMITATIONS OF FIRE ALARM WARNING SYSTEM

*Although a fire alarm system may be of a reliable and state-of-the-art design, neither it nor its peripheral detection devices can offer guaranteed protection against fire. Any such equipment may fail to warn for a variety of reasons:*

Control panels, communicators, dialers, smoke detectors, and many other sensing devices will not work without power. Battery-operated devices will not work without batteries, with dead batteries, or with improperly-installed batteries. Devices powered solely by AC will not work if their power source is cut off for any reason.

Fires often cause a failure of electrical power. If the system does not contain a working battery backup power supply, and if the electrical circuit feeding the devices is cut or is not providing power for any reason, the system will not detect heat or smoke or provide any warning of a possible fire.

Telephone lines needed to transmit alarm signals to a central monitoring station may be out of service.

Smoke detectors, though highly effective in reducing fire deaths, may not activate or provide early-enough warning for a variety of reasons: (a) they may not sense fires that start where smoke cannot reach them, such as in chimneys, walls, roofs, behind closed doors, etc.; (b) they may not sense a fire on a different level of the residence or building; (c) they have sensing limitations; no smoke detector can sense every kind of fire every time.

Thermostatic heat detectors do not always detect fires because the fire may be a slow smoldering low-heat type (producing smoke); because they may not be near the fire; or because the heat of the fire may bypass them. These detectors will not detect oxygen levels, smoke, toxic gases, or flames. Therefore, they may only be used as part of a comprehensive fire-detection system in conjunction with other devices. Under no circumstances should thermostatic heat detectors be relied upon as the sole measure to ensure fire safety.

Alarm warning devices such as sirens, bells, or horns may not alert someone behind a closed or partially-opened door. Warning

devices located on one level are less likely to alert those on a different level. Even those who are awake may not hear the warning if the alarm is obscured by noise from a stereo, radio, air conditioner, or other appliance, or by passing traffic, etc. Alarm warning devices, however loud, may fail to warn the hearing impaired.







Alarm products, as all electrical devices, are subject to component failure. Even though the equipment is designed for many years of trouble-free performance, electronic components could fail at any time.

Above are some of the reasons that fire alarm equipment could fail. The most common cause of an alarm system not functioning when a fire occurs is inadequate testing and maintenance. The system should be tested at least weekly to ensure that all the equipment is working properly.

While an alarm system may make one eligible for lower insurance rates, it is not a substitute for insurance. Homeowners, property owners, and renters are therefore urged to maintain adequate insurance coverage of life and property.

# FUNCTION MENU

The keypad can provide access to a wide assortment of utility functions. The Function Menu lists these functions.

- 1 To enter the Function Menu, press .
- 2 To skip a function, press  again.
- 3 To select a function, press .
  - Functions may be manually scrolled forward or backward using  and , respectively.
  - To return to normal keypad operation, press the  button. The keypad will automatically return to its normal operating mode if no activity is detected for longer than one minute.
  - **Note:** Some function descriptions may change if previously activated or deactivated.


DISPLAY  
ZN FAULTED

**Display Zones Faulted** Displays a scrolling list of faulted zones. Will only appear if faulted zones are present in the system, and if keypad is configured to not scroll zones by your alarm system installer.

DISPLAY  
ZN BYPASSED

**Display Zone Bypassed** Displays a scrolling list of bypassed zones. This message will not appear if bypassed zones are not present in the system.

DISPLAY  
SYSTEM TBL

**Display System Trouble** The panel is constantly monitoring its own components, as well as all critical services. If one of these components should fail, a system trouble will display. To view all system troubles, press  and all troubles will slowly scroll through the display. This message will not appear if system troubles are not present in the system.

## FUNCTION MENU

DISPLAY  
ZN DIRECTORY

**Display Zone Directory** Zones are independent circuits that protect specific areas of the premises. The zone directory will scroll a listing of all zones in the Area.


ACTIVATE  
BELL TEST

**Activate Bell Test** Enter this command to turn on the Bell, keypad sounder, keypad LEDs and four icons for 2 seconds. The battery is tested during a Bell Test, and automatically every 24 hours (or 4 depending on the program) to ensure proper battery operation under load.

ACTIVATE  
DIALER TEST

**Activate Dialer Test** (Dialer Test enabled? YES NO). Sends a communicator test to the central station. A communication failure will be indicated at the keypad by a system trouble "FAIL TO COMM" display. Repeat the test to attempt to correct a communication failure, as any successful communication will clear this display.

DEACTIVATE  
CHIME


**Deactivate Chime** The Chime Mode will sound a tone at the keypad when the programmed zone is faulted while the system is disarmed. To deactivate the Chime Mode, re-enter the Function Mode and when "DEACTIVATE CHIME" is displayed, press . **Note:** The Chime Mode is disabled while armed.

DEACTIVATE  
KEYPAD SOUNDER

**Deactivate KP Sounder** The keypad sounder is a local warning device at each keypad. This command turns the keypad sounder ON or OFF. When the keypad is deactivated, all keypad sounds will be silenced except for keypad feedback beeps and Keypad Sounder on Alarm.

## FUNCTION MENU

ACTIVATE  
EASY EXIT

**EASY EXIT** (East Exit enabled? YES NO). Allows user to exit premises in Stay Mode without disarming. Allows 3 minutes from activation for user to exit through the exit/entry door. Disarming still requires a valid user code. To arm, **press** .


ACTIVATE  
PROGRAM

**Activate Program** Activates the Program Mode. Note: This feature is disabled while armed. (See PROGRAMMING USER CODES).

ACTIVATE  
ACCESS

**Activate Access** (Access enabled? YES NO). (Will not appear if disabled). If enabled by your alarm installer, enter this command to activate a device(s) for 7 seconds. A common use of this feature is to activate a door strike for the purposes of remotely unlocking a door.

ACTIVATE  
FAULT FIND

**Activate Fault Find** When disarmed, causes zone(s) to momentarily beep the keypad sounder when faulted and when restored. Press  to exit.

ACTIVATE  
DOWNLOAD

**Activate Download** For your alarm installer's use only. **Note:** This feature is disabled while armed.



# PROGRAMMING (OPTIONAL)

## Program Mode

Your Installer has programmed into your system a special User Program Code which can be used to not only Arm and Disarm the system, but also to enter the User Program Mode, where you can program other User Codes. The following explains how you will use this code to program or erase additional User Codes:

```
ACTIVATE  
PROGRAM
```

```
USER PROG. MODE  
USERS= 1 34 6
```

```
ENTER CODE FOR  
USER 2      . . . .
```

```
ENTER CODE FOR  
USER 2      1539
```

```
USER PROG. MODE  
USERS= 1234 6
```

## Enter the User Program Mode

USER PROGRAM MODE is accessed through the Function Menu.

1. To enter the Function Menu, press **[MENU]**.
2. Skip through the functions by pressing **[MENU]** until ACTIVATE PROGRAM is displayed.
3. Press **[\*]** and enter a valid User Code followed by **[#]**.
4. When "USER PROG. MODE USERS=1..." displays, the system is ready for USER CODE programming. **Note:** The window will display all previously programmed user numbers. (For example, it may display "USER PROG. MODE USERS=1 34 6", displaying users 1, 3, 4 and 6 whose codes are already programmed).

- To return to normal keypad operation, press the **[RESET]** button.
- **Note:** A keypad shortcut of **[MENU]** **[8A]** can be used to proceed directly to USER PROGRAM MODE without the need to browse through the Function Menu.

## Programming / Reprogramming a User Code

(Note: See example images at left)

1. Enter the digit of the user number to be programmed (for example, "2")
2. Enter the new 4 digit User Code (for example, "1539". The new User Code is

## PROGRAMMING (OPTIONAL)

automatically saved.

Repeat steps for each User Code to be programmed. While in User Program Mode, the Armed, Status and SYS TBL display will continue to flash. Follow the example below to program **User 2's** code to **1923**.

### User Program Mode Example:

1. Press **2** (Keypad beeps twice).
2. Enter **1** **9P** **2** **3**. The keypad will beep four times confirming a valid entry. The keypad will automatically save the new User Code for the user number, and reset to allow a new user number to be programmed (or reprogrammed).

**Note:** A two or three digit User Code can be used by entering zeros in the last digits. For example, "37" can be used by entering "3700". For another example, "373" can be used by entering "3730". This feature applies only to the GEM-RP8LCD, not the GEM-RP8 keypad.

### Changing or Canceling a Code:

To change any User Code, merely program over the existing code. To cancel a Code, press the number of the user to be deleted and press the **AWAY** key. The User Code associated with the user will now be canceled.

### Exiting User Program Mode

To exit User Program Mode press the **RESET** key.

- While in User Program Mode, the ARMED and STATUS lights will continue to flash and burglar and fire alarm functions are disabled.
- In selecting your codes, do not program repetitive numbers (1111), consecutive numbers (1234), your birth date, address, or other obvious combinations. If the keypad detects no Program Mode activity for more than 4 minutes, a tone will sound. Press **RESET** to silence.

# ADVANCED PROGRAMMING (OPTIONAL)

## Programming Zone Descriptions

The zone descriptions which appear on the keypad display may be programmed in Program Mode.

ACTIVATE  
PROGRAM

ZN DESCRIPTIONS  
MODE

01- \_ZONE 1

01- FRONT DOOR

### Enter the User Program Mode

- 1 Press **MENU** to enter the Function Menu.
- 2 Press **AWAY** until "ACTIVATE PROGRAM" is displayed, then press **ENTER**. "ENTER CODE FOR PROGRAM MODE" will display. Enter User 1 code and press **ENTER**. Press **MENU** and the keypad will enter the Zone Descriptions Mode and display the Zone 1 Description.

### Entering a new zone description

- Use buttons **1** and **2** to position the cursor within the display.
- Use buttons **3** and **6** to scroll through numbers, letters and a variety of symbols.
- Use buttons **4** and **5** to erase while moving backwards and forwards.
- With the cursor located under a word, use button **7F** to move the entire word to the left, and use **8A** to move the word to the right.
- Use the above buttons to enter each character of the description **and then press **ENTER** to save when the zone description is complete.**

### To advance to the next zone (or to any other zone):

- Press **MENU** to scroll forward (and **BYPASS** to scroll backward) through the zone descriptions.
- To save time, use the Quick Word List, explained in the following section.

## ADVANCED PROGRAMMING (OPTIONAL)

### Quick Word List

The keypad/panel contains pre-programmed zone descriptions that will save you time with scrolling through individual numbers, letters, punctuation marks and symbols. Words from the Quick Word List are entered by pressing  followed by the two-digit number of the entry listed below:

01 = ACCOUNTING	18 = DETECTOR	35 = FRONT	52 = MOTION	69 = SMOKE
02 = ALARM	19 = DINING	36 = GARAGE	53 = NORTH	70 = SOUTH
03 = APARTMENT	20 = DOOR	37 = GATE	54 = OFFICE	71 = SPACE
04 = AREA	21 = DOWN	38 = GIRLS	55 = PHONE	72 = STAIRS
05 = ATTIC	22 = DOWNSTAIRS	39 = GLASS	56 = PLAY	73 = STUDY
06 = BABYS	23 = EAST	40 = GREAT	57 = PORCH	74 = TAMPER
07 = BACK	24 = ENTRY	41 = GUEST	58 = PROTECTION	75 = TEMPERATURE
08 = BASEMENT	25 = EXERCISE	42 = HALL	59 = REAR	76 = UPSTAIRS
09 = BATH	26 = EXIT	43 = INTERIOR	60 = RIGHT	77 = UTILITY
10 = BEDROOM	27 = FAMILY ROOM	44 = KITCHEN	61 = ROOM	78 = WAREHOUSE
11 = BOYS	28 = FIRE	45 = LAUNDRY	62 = SAFE	79 = WEST
12 = CEILING	29 = FIRST	46 = LEFT	63 = SALES	80 = WINDOW
13 = CLOSET	30 = FLOOD	47 = LIVING	64 = SHED	81 = WORKSHOP
14 = COMPUTER	31 = FLOOR	48 = LOBBY	65 = SHIPPING	82 = UP
15 = CONTROL	32 = FOIL	49 = LOW	66 = SIDE	
16 = DEN	33 = FOYER	50 = MAIDS	67 = SKYLIGHT	
17 = DEPARTMENT	34 = FRENCH	51 = MASTER	68 = SLIDING	

### Quick Word List Example:

To enter the zone description “Dining Room”, enter       . **Note:** A space is automatically set after Quick Words are entered, and entering    splits an existing word at the cursor.


# GLOSSARY

Following are brief descriptions of terms and features used herein that may be unfamiliar to you. Some of the features are programmable options that may or may not apply to your particular system.

**Abort Delay** - A delay period that allows the control panel to be reset, thus aborting a report to the central station.

**Access Code** - A code used to remotely unlock a door.

**Ambush Code** - A special 4-digit code entered when the user is forced to disarm. System disarms but sends a silent alarm to the central station with no indication at the keypad.

**Arming/Disarming** - Turning the system on/off by entering your code at the keypad, then pressing .

**Battery** - Backup power source in the control-panel enclosure to provide protection in the event of a power failure.

**BYPASS Button** - Enables you to manually remove one or more protective zones from the system.

**Central Station** - Monitors incoming reports and emergency messages from a



digital communicator and notifies the proper authorities.

**Chime** - A keypad beep while disarmed alerting that the programmed zone has been opened.

**Communicator** - Reports intrusions, emergencies, openings, closings, etc. directly to the central station over telephone lines.

**Control Panel** - The brain of the system, it controls all system functions.

**Directory** - A listing of the programmed zone descriptions stored in memory. With the RP8LCD, all zone descriptions are stored in the keypad, not the panel.









**Easy Arming** - Quick arming by pressing  or  (optional).

**Easy Exit** - A three minute window of time allowing a user to exit the premises while the system is armed.

**Exit/Entry Delays** - Separate delays that let you exit and enter your premises without setting off an alarm when the system is armed.

**Instant Protection** - Arming without entry delay by holding down STAY when in Armed Stay mode and remaining on the premises.

**Keypad** - Puts control-panel functions at your fingertips. It can be mounted anywhere in your premises.

**Panic Buttons** - Blue buttons on the keypad (, ,  or ). If enabled, pressing  together with ,  or  will alert the central station of a fire, auxiliary, or police emergency, respectively.

**Pre-Alarm Warning** - A keypad sounder alert of an impending alarm. This option is programmable by zone for the same duration as that programmed for Abort Delay (see Abort Delay).

# GLOSSARY

**Report** - A transmission to a central station notifying of a change in the status of the system (alarm, trouble, low battery, etc.).

**Sounder** - A local warning device at each keypad to alert that (a) entry delay has started; (b) an attempt was made to arm with a zone in trouble; (c) 10 seconds exit time remaining; (d) invalid code entered.

**Stay Button** - Bypasses Interior Zones on arming (see Zones - Interior Zones).

**System Trouble** - A problem (low battery, power failure, etc.) detected in the system.

**Trouble** - A zone fault; an open door, window, or other problem that may prevent arming.

**User Code** - Your personalized code for arming and disarming the system.

**Zones** - Independent circuits that protect specific areas of the premises.  
**The various zone types are as follows:**

*Burglary Zone:* Detects intrusion.


*Fire Zone:* Detects fire alarms or trouble conditions.

*Interior Zones:* Circuits within the premises, usually including space-protection devices, interior doors, etc.; but not exterior doors or windows. These can all be bypassed simultaneously using the **STAY** button.




*Selective-Bypassed Zone:* A zone that can be individually bypassed using the **BYPASS** button.

*24-Hour Zone:* A zone that is armed and ready at all times to respond to an emergency situation.

## SYSTEM TROUBLES

Your control panel is capable of detecting a variety of troubles that may affect system performance. In the unlikely event that a problem should occur, the SYS TBL (system trouble) icon will display on the left side of keypad window along with one or more of the following Trouble Descriptions. If the problem is related to a specific zone or device, the corresponding number will also be indicated. Below is a list of the most common troubles along with the necessary corrective action, if any. If a message appears that is not listed below, call your security professional for service. When a system trouble occurs, the keypad can be silenced and the display can be cleared by pressing . The system can then be armed and disarmed as usual.

**Note: If you cannot clear a system trouble yourself, call installing company for service as soon as possible.**

System Trouble Indication	Action
<b>AC Failure</b>	This trouble will occur if AC power is not present. Make sure system transformer is plugged into AC receptacle and check the circuit breaker, otherwise call installing company for service.
<b>Low Battery</b>	If there has been a recent power failure, the battery may be partially depleted and must be recharged by the control panel. The control panel performs an automatic daily test of the battery, at which time the trouble will clear if the battery has been recharged. If the trouble does not clear in 24 hours, call installing company for service.
<b>Fail to Comm</b>	<p>The system was not able to report to central station. If this is due to a temporary interruption in the telephone service, the trouble can be cleared when the service is restored by performing a Communication Test:</p> <ol style="list-style-type: none"> <li>1. While disarmed, press .</li> <li>2. Press  until "ACTIVATE DIALER TEST" appears in the window.</li> <li>3. Press  to send a test signal to the central station.</li> </ol> <p>If the trouble continues, call installing company for service.</p>

## SYSTEM TROUBLES

<b>System Trouble Condition</b>	<b>Action</b>
<b>Telco Line Cut</b>	The telephone line has failed. If telephone service has been temporarily interrupted, the trouble will clear automatically when it is restored. Otherwise, call installing company for service.
<b>Bell Wire Cut</b>	The bell line has failed. Call installing company for service.
<b>Fire Trouble</b>	Appears when a fire trouble exists. Call installing company for service.
<b>Rcvr or Ezm Tbl</b>	EZM module cover removed/not responding. Replace cover or call for service.
<b>RF Receiver Jam</b>	Receiver jammed. Call installing company for service.
<b>RF LB ZnXX</b>	Transmitter Low Battery. Replace the battery. Otherwise call installing company for service.
<b>RF SUP ZnXX</b>	Call installing company for service.
<b>RF Smk LB #XX</b>	Replace the smoke detector battery. Otherwise call installing company for service.
<b>RF Smk SUP #XX</b>	Call installing company for service.
<b>Zn Trouble ZnXX</b>	Call installing company for service.



# TROUBLESHOOTING

## What do I do if...

## For more info...

I try to arm my system but the keypad just displays “ZONES FAULTED” and “CAN’T ARM SYSTEM” and beeps at me.

*If the green STATUS light is off, a zone is open. Find and secure the open window or door.*

*See Page 6*

I try to arm my system but the keypad displays “CAN’T ARM SYSTEM...PRESS RESET” and beeps at me. The Troubles are displayed.

*A System Trouble has been detected. Note the scrolling error codes, which represent the trouble. Press **RESET** and you will now be able arm to the system, but the trouble must be fixed as soon as possible.*

*See Page 7 & 23*

The Fire Alarm is sounding and I don’t know how to turn it off.

*If a fire is in progress, evacuate the premises immediately! If necessary, call the Fire Department from an outside phone. If there is no evidence of a fire, enter your code and press **RESET** to silence the alarm. Check the smoke detector(s). If a smoke detector tripped, its red alarm indicator light will be on. Press **RESET** to silence the keypad sounder. Press **RESET** again to reset smoke detector. If FIRE icon (🔥) does not clear, call for service.*

*See Page 11*

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## NOTES

## NOTES

## NAPCO LIMITED WARRANTY

NAPCO SECURITY SYSTEMS, INC. (NAPCO) warrants its products to be free from manufacturing defects in materials and workmanship for *thirty-six months* following the date of manufacture. NAPCO will, within said period, at its option, repair or replace any product failing to operate correctly without charge to the original purchaser or user.

This warranty shall not apply to any equipment, or any part thereof, which has been repaired by others, improperly installed, improperly used, abused, altered, damaged, subjected to acts of God, or on which any serial numbers have been altered, defaced or removed. Seller will not be responsible for any dismantling or reinstallation charges.

THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. THERE IS NO EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR A WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. ADDITIONALLY, THIS WARRANTY IS IN LIEU OF ALL OTHER OBLIGATIONS OR LIABILITIES ON THE PART OF NAPCO.

Any action for breach of warranty, including but not limited to any implied warranty of merchantability, must be brought within the six months following the end of the warranty period.

IN NO CASE SHALL NAPCO BE LIABLE TO ANYONE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, EVEN IF THE LOSS OR DAMAGE IS CAUSED BY THE SELLER'S OWN NEGLIGENCE OR FAULT.

In case of defect, contact the security professional who installed and

maintains your security system. In order to exercise the warranty, the product must be returned by the security professional, shipping costs prepaid and insured to NAPCO. After repair or replacement, NAPCO assumes the cost of returning products under warranty. NAPCO shall have no obligation under this warranty, or otherwise, if the product has been repaired by others, improperly installed, improperly used, abused, altered, damaged, subjected to accident, nuisance, flood, fire or acts of God, or on which any serial numbers have been altered, defaced or removed. NAPCO will not be responsible for any dismantling, reassembly or reinstallation charges.

This warranty contains the entire warranty. It is the sole warranty and any prior agreements or representations, whether oral or written, are either merged herein or are expressly canceled. NAPCO neither assumes, nor authorizes any other person purporting to act on its behalf to modify, to change, or to assume for it, any other warranty or liability concerning its products.

In no event shall NAPCO be liable for an amount in excess of NAPCO's original selling price of the product, for any loss or damage, whether direct, indirect, incidental, consequential, or otherwise arising out of any failure of the product. Seller's warranty, as hereinabove set forth, shall not be enlarged, diminished or affected by and no obligation or liability shall arise or grow out of Seller's rendering of technical advice or service in connection with Buyer's order of the goods furnished hereunder.

NAPCO RECOMMENDS THAT THE ENTIRE SYSTEM BE COMPLETELY TESTED WEEKLY.

*(continued)*

## NAPCO LIMITED WARRANTY (cont'd)

**Warning:** Despite frequent testing, and due to, but not limited to, any or all of the following; criminal tampering, electrical or communications disruption, it is possible for the system to fail to perform as expected. NAPCO does not represent that the product/system may not be compromised or circumvented; or that the product or system will prevent any personal injury or property loss by burglary, robbery, fire or otherwise; nor that the product or system will in all cases provide adequate warning or protection. A properly installed and maintained alarm may only reduce risk of burglary, robbery, fire or otherwise but it is not insurance or a guarantee that these events will not occur. **CONSEQUENTLY, SELLER SHALL HAVE NO LIABILITY FOR ANY PERSONAL INJURY, PROPERTY DAMAGE, OR OTHER LOSS BASED ON A CLAIM THE PRODUCT FAILED TO GIVE WARNING.** Therefore, the installer should in turn advise the consumer to take any and all precautions for his or her safety including, but not limited to,

fleeing the premises and calling police or fire department, in order to mitigate the possibilities of harm and/or damage.

NAPCO is not an insurer of either the property or safety of the user's family or employees, and limits its liability for any loss or damage including incidental or consequential damages to NAPCO's original selling price of the product regardless of the cause of such loss or damage.

Some states do not allow limitations on how long an implied warranty lasts or do not allow the exclusion or limitation of incidental or consequential damages, or differentiate in their treatment of limitations of liability for ordinary or gross negligence, so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.



### THE FOLLOWING STATEMENT IS REQUIRED BY THE FCC.

This equipment generates and uses radio-frequency energy and, if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class-B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment

off and on, the user is encouraged to try to correct the interference by one or more of the following measures: reorient the receiving antenna; relocate the computer with respect to the receiver; move the computer away from the receiver; plug the computer into a different outlet so that computer and receiver are on different branch circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission helpful: "How to Identify and Resolve Radio-TV Interference Problems". This booklet is available from the U.S. Government Printing Office, Washington, DC 20402; Stock No. 004-000-00345-4.