

OPERATING GUIDE for your Gemini GEM-TOUCH 4.3" Full Color Security Touchscreen K Style Keypad



GEM-TOUCH "Home" Screen



INTRODUCTION

The **Gemini GEM-TOUCH 4.3" Full Color Security Touchscreen Keypad** is a "*smart*", interactive, menu-driven touch keypad designed for your **Napco Gemini** system. The keypad has a 4.3" color LCD display to show the status of your system.

This booklet contains important information about the operation of your system with your 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. The Gemini cellular security system has 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 (ask your alarm professional how to make these tests).

IMPORTANT - TEST YOUR SYSTEM WEEKLY

Test your sounding device and backup battery

1. While disarmed, tap **Menu**.
2. In the list of menu items, tap **Up** or **Down** until **ACTIVATE BELL TEST** is highlighted.
3. Tap **Enter** to execute the test. The alarm will sound for about two seconds.
 - If the alarm does not sound, call for service.
 - If the battery is low, a system trouble "**E-02**" will appear in the keypad display. Allow 24 hours for the battery to recharge. If the trouble continues, call your alarm installer for service.

Test your central station communicator

(Telephone Test programmed? YES NO)

1. While disarmed, tap/hold-down **Menu**.
2. Enter your User Code and tap **Enter**.
3. Tap **Up** or **Down** until **Digital Dialer Test** is highlighted.
4. Tap **Enter** to send a test code to the central station.
 - If the test is not successful, "**E-03**" will display, indicating a communication failure. Call for service.

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TO SILENCE AN ALARM:

- See pages 11 and 12 for instructions

FOR SERVICE, CALL: _____

CENTRAL STATION: _____

EXIT DELAY: _____

ENTRY DELAY: _____

FIRE ALARM SOUND*:

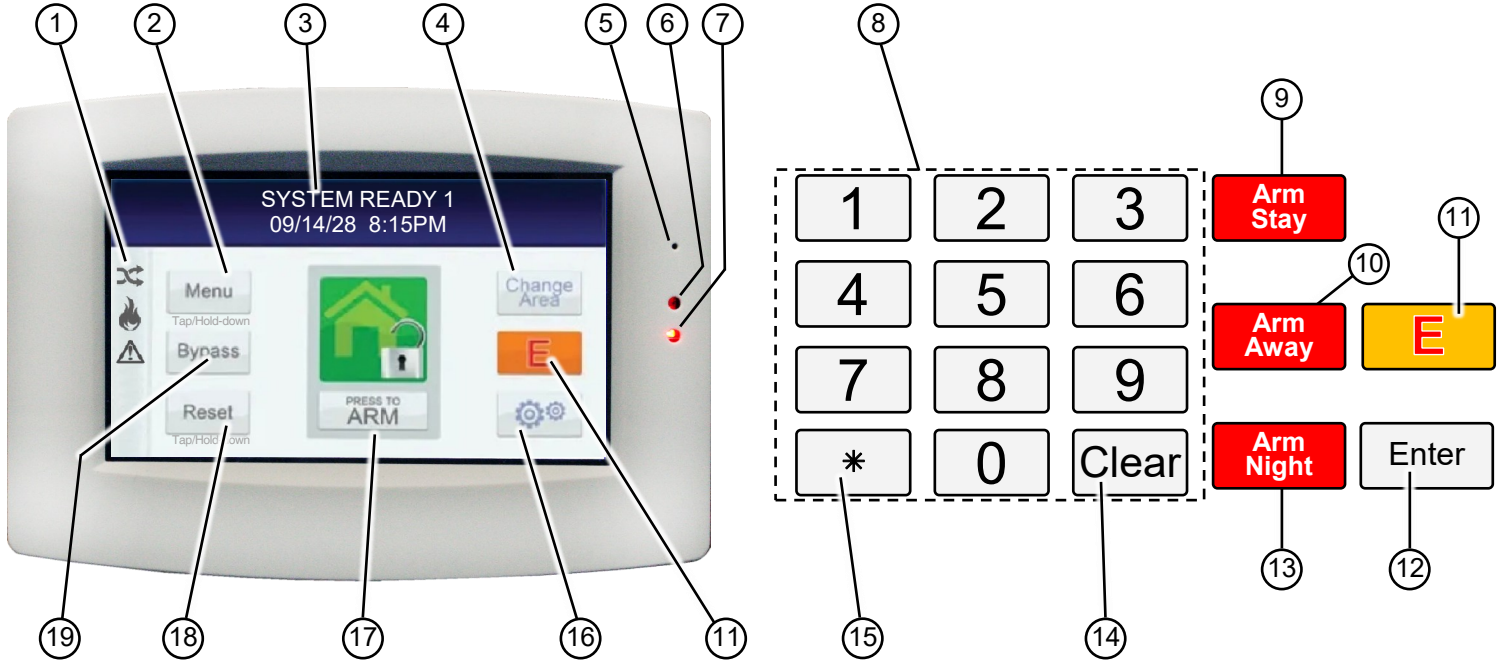
BURGLARY ALARM SOUND*:

Emergency **FIRE** Enabled? YES NO

Emergency **PANIC** Enabled? YES NO

Emergency **AUX.** Enabled? YES NO

K-SERIES KEYPAD CONTROLS & INDICATORS (see next page)



K SERIES KEYPAD CONTROLS & INDICATORS (see previous page)

- 1. Warning Icons.** Turn to page 6 for complete details.
- 2. Menu Button.** Selects available system functions as displayed in the keypad Window. Tap/Release for User menu, Tap/hold-down for Dealer menu. See page 16.
- 3. Window.** Two-line alphanumeric display indicates related zone, Function Menu and other messages.
- 4. Change Area Button.** Tap to open a new screen that allows you to access and control other Areas in a partitioned system (see page 8, "Area Arming").
- 5. Room Light Sensor.** Reserved for future use.
- 6. STATUS Light.** Lights (green) to indicate the system is ready for arming. If zone(s) are not secured, this light will be off and the zone will display in the Window. If a zone has been bypassed, this light will blink while armed. See page 23 to adjust brightness.
- 7. ARMED Light.** Lights (red) to indicate that the system is armed. If an alarm has occurred, or when armed Night, this light will be flashing. See page 23 to adjust brightness.

- 8. Numerical Keys (1-9, 0).** Used to enter codes, zone numbers, etc.
- 9. Arm Stay Button.** When arming, bypasses all interior zones simultaneously ("STAY Mode") to allow free movement within the premises, while the protection of armed perimeter zones is maintained.
- 10. Arm Away Button.** Arms all zones in the system.
- 11. Emergency Buttons.** Signal an audible emergency by tapping the Home screen's gold "E" button, then:
 - Tap/hold-down **Panic** for a police Emergency
 - Tap/hold-down **Aux** for an auxiliary Emergency
 - Tap/hold-down **Fire** for a fire Emergency



- 12. Enter Button.** Entry key. Causes the entered code or selected function to be executed.
- 13. Arm Night Button.** In the evening, after all family members are home,

"Arm Night" to bypass all Interior Zones simultaneously to allow free movement within the premises, while the protection of armed perimeter zones is maintained (a violation of any perimeter zone will cause an instant alarm). See page 9 for details.

- 14. Clear Button.** Tap to clear a current entry (for example, a User Code entered incorrectly).
- 15. Star Button.** Reserved for future use.
- 16. System Settings Button.** Set various system attributes, add and configure devices, edit User Codes, etc.
- 17. Arm / Disarm Button.** Tap to select the various arm modes, or to disarm.
- 18. Reset Button.** Tap/Hold-down this button to (1) reset various system troubles, displays, etc., (see text). (2) reset smoke detectors if in alarm (User Code required). **Note:** Older security systems may only require a tap/release without a User Code entry. If in doubt, consult with your security system installer.
- 19. Bypass Button.** (1) Deactivates selected zones from the system. (2) Unbypasses a bypassed zone. See page 7.

KEYPAD WARNING ICONS



"Zones Bypassed"

- Appears when zone(s) are bypassed (see "Selectively Bypassing Zones" on page 7)



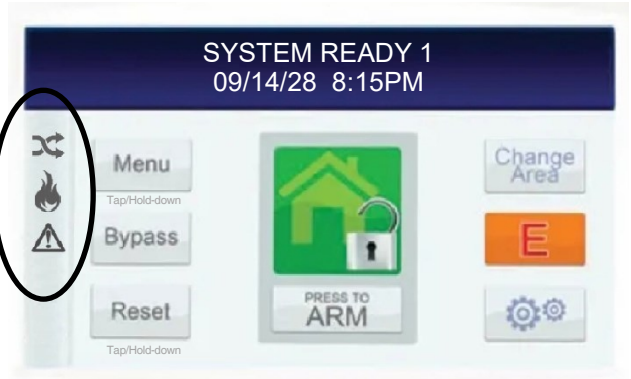
"Fire"

- Appears during a Fire Alarm
- When Pulsing: Fire Alarm Silenced



"System Trouble"

- Appears when a Fire or general trouble is detected
- Flashing: Trouble has not yet been acknowledged



Note: Multiple combinations of icons may appear on the left side of the Home screen.

ARMING AWAY: SETTING THE ALARM WHEN LEAVING



Arming the System - Arm Away

1. **Check the keypad.** The green **STATUS** light must be on in order to arm. If the green **STATUS** light is off, the description of any unsecured zone(s) will display. Find each problem zone and secure by closing windows, doors, etc. When all zones are secure, the green **STATUS** light will light.
2. **Arm the system.** Tap "**PRESS TO ARM**" (shown at left). Enter your User Code followed by **Arm Away**. **Note:** If you enter an invalid User Code, the keypad will beep 4 times indicating an invalid code. Re-enter your User Code.
3. **Leave the premises.** Leave through the exit door before the exit time expires.

**Arm
Away**



(BYPASS Icon)

Selectively Bypassing Zones

If you cannot locate or repair a faulted zone, it can be removed from the system, *or bypassed*.

To bypass the zone(s) from the system, start at the Home screen, tap **Bypass**, and the keypad screen will appear. In the keypad screen, tap **BYPASS** followed by the number of the zone. To indicate that the zone has been bypassed, the **BYPASS** icon will appear (shown at left), the word "**BYPASSED**" followed by the zone number and zone description will appear on the screen. **Note:** Bypassed zones are unprotected! If a faulted zone cannot be secured, have the system checked as soon as possible.

To remove the bypass from the zone (to "unbypass"), repeat this procedure (tap **BYPASS** followed by the bypassed zone number), and the **BYPASS** icon will turn off. **Note:** Some installations may require a code before bypassing/unbypassing a zone. If in doubt, ask your security system installer if a code is required.

ARMING AWAY: SETTING THE ALARM WHEN LEAVING



(TROUBLE Icon)

System Trouble

If you attempt to arm with the **TROUBLE** icon displayed, a 3-second tone will sound. This means the system has detected a problem that may prevent it from operating normally. A number corresponding to the trouble will then appear in the display (for example, '**E-02 Low Battery**' indication). Refer to **SYSTEM TROUBLE ERROR CODES** (page 26) for descriptions of these troubles. If you cannot correct the problem immediately, acknowledge the trouble by tapping/holding-down **Reset**, enter your User Code and tap **Enter**. You will then be able to arm the system in this condition. **Note:** If you cannot clear the trouble, have the system checked as soon as possible. To display a list of all troubles, tap **Menu**, tap **Up** or **Down** until **DISPLAY SYSTEM TRBLS Y/N** is highlighted, then tap **Enter**.

Area Arming (Optional - Area Arming programmed? YES NO Total number of Areas in my system: ____)

In a system that has been partitioned into Areas, one of the Areas may be armed while the others remain disarmed.

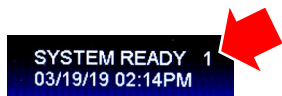
To arm a different Area:

1. In the Home screen, take note of the current Area number displayed at the top of the keypad Window. For example, "**SYSTEM READY 1**" indicates the keypad is currently providing status and control of Area 1.
2. In the Home screen, tap **Change Area**, then tap the number of the Area you wish to arm, then the "Star" key (*) followed by **Enter**. The number following "**SYSTEM READY**" will change, and the keypad will provide status and control of that Area.
3. Tap "**PRESS TO ARM**", then enter your User Code followed by **Arm Away**.

To return to the other Area, simply repeat steps 1 and 2.

Notes:

- The User Code must be valid in both Areas.
- If any zone is not secured, the **TROUBLE** icon will appear (shown above). All faulted zones in the respective Area(s) must be secured or bypassed. **Note:** If a system trouble is indicated, the system cannot be armed using this method.
- Only one Area can be armed at a time.



ARMING STAY: PROTECTING YOURSELF AT HOME



Arm Stay

Interior zones, when bypassed, allow for free movement within the home while the protection of armed perimeter zones is maintained. To bypass interior zones, tap **"PRESS TO ARM"** (shown at left). Enter your User Code followed by **Arm Stay**.



Automatic Interior Bypass (Programmable option)

If your system has been programmed for Automatic Interior Bypass, the system will recognize when you have armed AWAY but remained in the house, thereby prompting the system to automatically adjust the interior protection accordingly.

- If you arm AWAY but do not exit (the exit door does not open and close), all Interior zones will automatically bypass at the end of the exit delay (thus arming STAY), allowing you to safely move within the premises.
- If you arm AWAY, do not exit and the system automatically reverts to armed STAY, then you later exit, the Interior Zones will automatically unbypass, providing complete interior protection while you are away.

Instant Protection - Arm Night

When retiring for the evening, after all family members are home, you can bypass all interior zones simultaneously to allow free movement within the premises, while the protection of armed perimeter zones is maintained. The Exit Delay countdown will take place, during which time you are permitted to leave through the exit door. When the Exit Delay ends, a violation of any perimeter zone will cause an instant alarm. Tap **"PRESS TO ARM"** (shown at left). Enter your User Code followed by **Arm Night**.



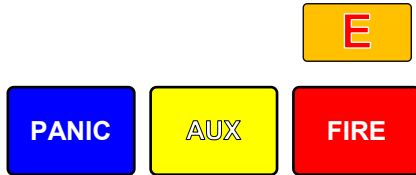
ARMING STAY: PROTECTING YOURSELF AT HOME

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

Your system may have been programmed for Easy Exit, which allows you to exit the premises while the system is armed STAY or armed NIGHT. By activating Easy Exit while the system is armed STAY or NIGHT, the Exit Delay countdown will take place, during which time you are permitted to leave through the exit door. The Easy Exit Delay time will be identical to the usual Exit Delay time the system gives you each time it is armed STAY or NIGHT. This will allow, for example, an early morning commuter to exit the house, without having to disarm and rearm the system, awaking the family.



☞ To activate Easy Exit on your system while the system is armed STAY or NIGHT, tap **"PRESS TO DISARM"** (shown at left), then tap the **Disarm** button.



To activate, tap/hold-down until beep

Note: All Emergency buttons, when activated, are audible within the premises.

***Note:** Discuss your Emergency features with your installation company.

Emergency Buttons (Only available if programmed)

If programmed, Emergency Buttons are always active, whether the system is armed or disarmed. All Emergency buttons, when activated, are audible within the premises.

- **Police Emergency:** From the Home screen, tap the gold "E" button, then tap/hold-down the **PANIC** button to alert the central station of a police emergency.*
(Police Emergency programmed? YES NO)
- **Auxiliary Emergency:** From the Home screen, tap the gold "E" button, then tap/hold-down the **AUX** button to alert the central station of an Auxiliary emergency.*
(Auxiliary Emergency programmed? YES NO)
- **Fire Emergency:** From the Home screen, tap the gold "E" button, then tap/hold-down the **FIRE** button to alert the central station of a fire emergency.*
(Fire Emergency programmed? YES NO)

TURNING OFF THE ALARM (DISARMING) WHEN RETURNING

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. Tap "**PRESS TO DISARM**" (shown at left), enter your User Code and tap **Disarm**. The red **ARMED** light will go out, indicating that the system has been disarmed.
 - If you enter an invalid User Code, the keypad will beep 4 times, signifying an error. Re-enter your User Code immediately. **Note:** 10 seconds before the entry delay expires, the keypad will emit a pulsing warning tone.



Disarm

Alarm Indication / Silencing an Alarm

If the red **ARMED** light is flashing upon entry, an alarm occurred while you were away. The display will scroll the number(s) of the violated zone(s). Proceed with caution! If you suspect that an intruder may still be on the premises, leave immediately and call authorities from a neighbor's telephone!

To silence an audible alarm:

1. Tap "**PRESS TO DISARM**" (shown above), enter your User Code and tap **Disarm**. After the system is disarmed, the Window will continue to display the number(s) of the zone(s) violated.
2. To reset the display, note the zones violated, tap/hold-down **Reset** and enter your User Code followed by **Enter**.

Ambush (Optional) My Ambush Code is _____

If an intruder forces you to disarm your system, enter your Ambush Code and tap **Enter**. Using your Ambush Code will send a *silent alarm* to the central station. Simply enter the 2-digit code (prefix) just prior to your normal User Code.

- *Example:* If your User Code is 1 2 3 4 and your Ambush Code is 9 9, simply tap **9 9 1 2 3 4 Enter**.

The red **ARMED** light will go out and the green **STATUS** light will turn on, as if the system were normally disarmed. The system will appear to be disarmed normally, and there will be no indication that a special "silent" alarm has been sent to the central station.

FIRE PROTECTION

(Applicable only where local ordinances permit use of this alarm system for fire protection).



Fire-Zone Alarm

If a fire is detected, the alarm will sound, the zone number will appear on the keypad, the keypad sounder will pulse and the keypad "fire" icon (shown at left) will flash.

- If a fire is in progress, evacuate the premises immediately! If necessary, call the Fire Department from an outside telephone. **If there is no evidence of a fire:**
 - If the system is disarmed, at the Home screen, tap **Arm**, enter your User Code and tap **Enter** to silence the alarm.
 - If the system is armed, at the Home screen, tap **Disarm**, enter your User Code and tap **Disarm** to silence the alarm.
- Check the smoke detector(s). If a smoke detector tripped, its red alarm indicator light will be on.
- After the alarm condition is corrected (thermostat cooled down; smoke cleared from detector; etc.), at the Home screen tap/hold-down **Reset** and enter your User Code and tap **Enter** to reset the system. **Note:** This reset process may take up to about 10 seconds to complete.



Fire-Zone Trouble

- The system is constantly monitoring the fire zone(s) to ensure they are in good working order.
- If a problem on a fire zone is detected, a system trouble **E-41-NN** will flash on the keypad, followed by the number of the fire zone in trouble ("**NN**"). The sounder will activate and the **TROUBLE** icon will flash on the keypad.
- At the Home screen, tap/hold-down **Reset**, enter your User Code and tap **Enter** to silence the sounder. Call for service immediately!



(TROUBLE Icon)

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. (Space is provided on the next page). 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 location.

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.

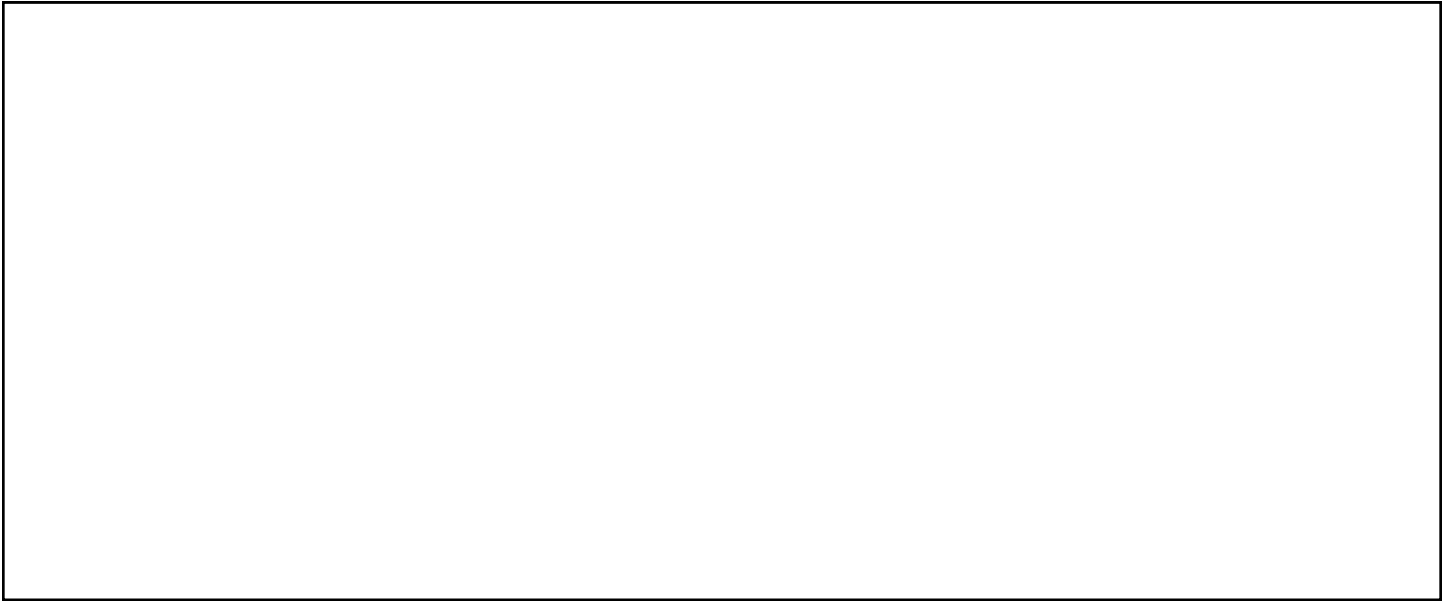
Would You Like More Safety Information?

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

Floorplan

Draw a plan of your premises in the space provided below.



Floorplan

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 functions are displayed in a prompting "YES/NO" format.

1. To enter the Function Menu, tap **Menu**.
 - In high-security installations, a valid User Code must first be entered. Tap/hold-down **Menu** and enter your User Code.
2. Tap **Up** or **Down** to scroll through the functions. Notice how each function is highlighted as you scroll.
3. To select and execute a highlighted function, answer "yes" by tapping **Enter**.
 - To return to normal keypad operation, tap **Exit**. The keypad will automatically return to its normal operating mode if no activity is detected for longer than one minute.

ACTIVATE BELL TEST	Y/N	Activate Bell Test? Activates the alarm sounder (while disarmed) for about 2 seconds and performs a battery test. If the alarm does not sound, call for service. <ul style="list-style-type: none">• If the battery is low, a "E02-00" 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.
DISPLAY ZN DIRECTORY	Y/N	Display Zone Directory? Displays a listing of all zones in the Area. Tap the Prior and Next buttons (as displayed on-screen) to scroll the zone directory names.
ACTIVATE CHIME	Y/N	Activate Chime? The Chime Mode will sound a tone at the keypad when the programmed zone is faulted while disarmed. To deactivate the Chime Mode, re-enter the Function

FUNCTION MENU

Mode and when "**DEACTIVATE CHIME**" is displayed, tap **Enter**. **Note:** The Chime Mode is disabled while armed. Chime is disabled for *Protected* zones while armed, *Never Armed* zones (such as a driveway sensor) will continue to chime when system is armed.

ACTIVATE FAULT FIND

Y/N

Activate Fault Find?

At the initiation of a test, the control panel sends a message to the central station that a test is in progress, and normally causes all zones to give a 7-second beep at the keypad(s) when any zone is faulted or restored. On completion, a ring-back will be given. Fault Find can not be initiated when the system is armed, and all reporting is inhibited while in Fault Find. Keypad will display the following warning that the system is in Fault Find: "**FAULT FIND RF SIG POWER - -**". If a 24-hour zone is open at end of the test, no report is sent. If a 24-hour zone is tripped and not restored during Fault Find, when Fault Find ends, the zone will display as "Faulted" on the keypad display. When Fault Find is exited (tap/hold-down **Reset**, enter your User Code and tap **Enter**), a Fault Find Restore Report will be sent, and upon completion of the report a ring-back will be given.

ACTIVATE LOCATE

Y/N

Activate Locate?

This feature helps you find zone troubles and indicate when they are repaired. When initiated, the sounder will turn on and the keypad display will read "**LOCATE**", then tap the **Up** and **Down** buttons (as displayed on-screen) to scroll through the zones in trouble. As each zone is corrected, the sounder will stop momentarily, signaling its repair, and the display will indicate the remaining zones in trouble. The sounder and display will continue in this manner until all zones are repaired, or until **Reset** is tapped/held-down and a User Code entered (to exit).

FUNCTION MENU

DISPLAY ALARM LOG	Y/N	Display Alarm Log? Displays most recent alarm events, displays event, date, time, Area and zone. To check previous alarm events, scroll back using the Prior button.
DISPLAY TOTAL LOG	Y/N	Display Total Log? Displays most recent events of all types, displays event, date, time and, if applicable, Area and zone or User. To check previous events, scroll back using the Prior button.
DISPLAY SYSTEM LOG	Y/N	Display System Log? Displays most recent system events, displays event, date, time and other pertinent information, where necessary, depending upon event. To check previous system events, scroll back using the Prior button.
TO ARM IN 1-4HRS PRESS 1-4	Y/N	Delay Arming 1-4 hours? Your system may be set to arm automatically after a delay period of 1 to 4 hours. To Delay Arm the system: <ul style="list-style-type: none">• With the function "To Arm in 1-4hrs" displayed in the Window, tap 1, 2, 3 or 4 to select the desired Delay Arming time in hours followed by Enter. At the end of this 1 - 4 hour Delay Arming period, the siren will sound a 2-second warning and the keypad will begin a 15-minute arming countdown with the sounder pulsing. The sounder may be silenced at this time (tap/hold-down Reset , enter your User Code and tap Enter), but it will turn back on with a steady

FUNCTION MENU

warning tone 1 minute prior to arming, at which time the building must be exited. The same steps can be used to delay a scheduled Auto Arming, if your system has been programmed as such.

DISPLAY RF XMITTER STAT Y/N

Display System RF Levels from the Panel?

Tap **Enter** to check the status of up to 48 transmitters. The keypad displays:

- Zone number
- Transmitter ID code number (6 digits)
- Point number (PT1 - PT4; "9" for unsupervised)
- Status of transmitter:
 - **NODATA**: Transmission not yet received;
 - **NORMAL**: Transmitter's zone normal;
 - **FAULT**: Transmitter's zone open;
 - **LOBATT**: Transmitter battery low;
 - **TAMPER**: Transmitter case open;
 - **S.FAIL**: Supervisory failure (test transmission not received within programmed time);
- Relative signal strength of the last transmission, on a scale of 1-10 (10 being the strongest, and "**SS—**" indicates transmission not yet received). **Note**: A signal strength of 3 or less is an indication that reception may be unreliable. In such cases, the use of an additional receiver located closer to the transmitter is recommended. If two receivers are connected to the control panel, only the higher signal strength of the two will be displayed.

CENTRAL STATION MONITORING

Your alarm specialist may have programmed your system to be monitored by a central station. The control panel has a built-in communicator that can transmit emergency signals and status reports to the central station 24 hours a day.

Communicator Features

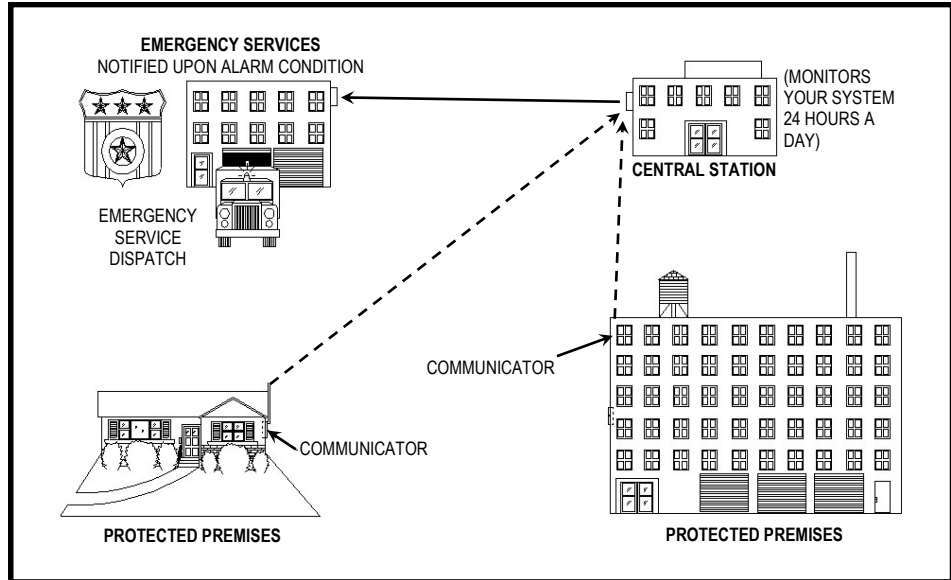
Abort Delay. Ask your installer which of your zones have Abort Delay, a delay that enables you to reset the system before it communicates to the central station. Your system has a SIA CP-01 required Abort Delay of 30 seconds (it may be removed or increased up to 45 seconds, at your option, by consulting with your installer).

Regular Burglary (Non-24-Hour) Zone reports are aborted by disarming within the delay period.

24-Hour Zones and zones programmed to report restores must be restored first, then the control panel armed and disarmed, all within the delay period.

Opening and/or Closing Reporting. Your system can notify the central station every time it is disarmed or armed. Any or all of up to 96 different users can each be identified. If your system reports on arming (Closing Report), the central

station will acknowledge arming. This will signal at the keypad as a "ringback" beep. **Note:** If the ringback signal is not heard, call for service.



PROGRAMMING USER CODES

Existing User Codes may be edited using the GEM-TOUCH keypad. Each User should be assigned their own unique User Code and should be cautioned against divulging their Code to anyone else. **Note:** Duplicate User Codes are not allowed by the system. Depending on your system control panel, User Codes may contain up to 6 digits or as few as a two to allow for quick arming. If you need additional User Codes, contact your installing company.

Enter System Settings

1. From the Home screen, tap/hold-down **Menu**.
2. Using the number buttons, enter your User Code (the same User Code you use to arm and disarm), then tap **Enter**. The **Function Menu** screen appears.
3. Tap **Up/Down** until **Activate Program Y/N** appears, then tap **Enter**. The **SYSTEM SETTINGS** screen appears.
4. Tap **User Codes**. In the **Add/Edit User Code** screen that appears, you can review and edit existing User Codes. Proceed as follows:



Reprogramming an Existing User Code

Each User Code is assigned a "**User#**" (user number).

1. Tap the **User#** field. In the keypad that appears, enter the digits of the **User#** to be programmed then tap **Enter**.
Note: If the **User#** entered does not yet have a User Code programmed, the **User Code** field will be blank.
2. Tap the **User Code** field. In the keypad that appears, enter the new User Code (up to 6 digits), followed by **Enter**.
If you make a mistake, simply tap **Clear** and start again.
3. When finished, tap **Save**.

PROGRAMMING USER CODES (CONT'D)

Reviewing an Existing User Code

Tap the **User#** field. In the keypad that appears, enter the digits of the **User#** to be reviewed followed by **Enter**. The **User Code** field will display the User Code.

Exiting the User Program Mode

When you have completed editing or reviewing User Codes, tap **Exit**.

Notes:

- When in the **USER CODEs** screen, the **ARMED** and **STATUS** lights remain off and burglary and fire alarm functions are disabled. In selecting your User Codes, do not program repetitive numbers (1111), consecutive numbers (1234), your birth date, address, or other obvious combinations.

KEYPAD SYSTEM SETTINGS ("GEARS" ICON)

The **System Settings** screen allows you to adjust some basic attributes of your GEM-TOUCH keypad, including the keypad screen backlight level, the keypad LED brightness level, the keypad audio sound level, and a touch-display calibration utility.

Caution: Changes made in this screen may have a significant impact on how your keypad operates. Accordingly, your alarm installer has selected the appropriate settings for your particular installation.

Enter System Settings

1. From the Home screen, tap the **System Settings** ("gears") icon (shown at right).
2. Using the number buttons, enter the Keypad Configuration Code (1 1 1 2 3), followed by **Enter**.
3. In the **System Settings** screen, tap **User KP Config**. The following settings are available:



System Settings
("gears") icon

Standby Backlight Level

Use the slider to adjust the keypad display illumination when the system is standing by, waiting to be used (standby takes effect after the keypad remains unused for more than 30 seconds). Move the slider to the right to increase (or to the left to decrease) this backlight intensity. Default is 060 (out of 100, maximum intensity).

Operating Backlight Level

Same as Standby Backlight Level, but this slider adjusts the operating backlight level, i.e. when the keypad display is touched and the keypad exits standby ("wakes up") and is in use. Default is 100 (out of 100, maximum intensity).

AudioLevel

Tap (and tap again) to select the audible level of the keypad sounds. Selections are **High** (default), **Medium**, **Low** and **Off**. Tap again to repeat these selections.

Calibrate LCD Display

Your GEM-TOUCH keypad uses resistive-type touch screen technology that may occasionally require adjustment. Tap/hold-down this button to activate the screen calibration utility that guides you through the steps needed to translate the keypad touchscreen coordinates into true display coordinates.

LED Brightness

Adjust the brightness of the LEDs on the face of the keypad. Move the slider to the right to increase (or left to decrease) the continuous LED intensity (LEDs do not dim in standby). Default is 2 (out of 10, maximum).

GLOSSARY

The following are brief descriptions of terms and features used in this guide 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 a central station.

Access Code - A User Code (up to 6 digits) used to remotely unlock a door.

Ambush Code - A 2-digit prefix code entered just prior to your normal User Code when forced to disarm. Sends a silent alarm to the central station with no indication at the keypad.

Area - Some systems may be divided, or partitioned, into smaller independent subsystems, which are referred to as Areas. Each of the Areas may be controlled by its own keypad or by a keypad of a different Area through the "Change Area" feature. Up to 8 Areas permitted.

Arming/Disarming - Turning the system on or off. See page 7 for arming; see page 11 for disarming.

Arming STAY - Arming with interior zones bypassed, allowing free movement within the premises.

Arming AWAY - Arming with ALL zones protected.

Arming Night - In the evening, after all family members are home, to bypasses all Interior Zones simultaneously to allow free movement within the premises, while armed perimeter zones is maintained (a violation of any perimeter zone will cause an instant alarm).

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 the control panel communicator and notifies the proper authorities.

Change Area - In a partitioned (two-Area) system, a low-security operating mode that allows arming by Area.

Chime - A keypad beep while disarmed alerting that a programmed zone (for example, a door) has been opened.

Communicator - Reports intrusions, emergencies, openings, closings, etc. directly to the central station.

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

Easy Exit - (Optional) Allows you to exit the premises while the system is armed STAY or armed NIGHT.

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

Instant Protection - Arming without entry delay while remaining within the premises.

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

Panic Buttons - If enabled, tap/hold-down an Emergency button to alert

GLOSSARY

the central station of a fire, auxiliary, or police emergency (also audible within the premises). See page 10.

Partitioned System - A system that has been subdivided into independent subsystems (called "Areas"). Up to 8 Areas permitted.

Priority Arming - When attempting to arm the system with a faulted zone, a 3-second tone will sound and the **TROUBLE** icon will appear, indicating that the zones must be secured before the system can be armed.

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

RF Low Battery - (Wireless systems only) Weak transmitter battery.

RF Supervisory - (Wireless systems only) Periodic test report from a transmitter (if a report is not received on time, a supervisory-failure system trouble will result).

Ringback - A beep after arming verifying the central-station's receipt of a closing ("arming") report.

Service / Maid Code - A User Code intended for temporary use.

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) a Day-Zone condition exists (see Zones: Day Zone); (d) 10 seconds exit time remaining; (e) invalid code entered; or (f) central station-acknowledged arming (see Ringback).

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

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

User Code - Your personalized code for arming and disarming the system. Used also for entering System Settings. It may contain up to six digits.

Zones - Independent circuits that protect specific parts of the premises, such as:

- **Auto-Bypass Zone:** A zone that will be automatically bypassed from the

protection system if it is in trouble (faulty) when the system is armed.

- **Burglary Zone:** Detects intrusion.
- **Exit/Entry Follower Zone:** Provides exit and entry delay for interior devices. Entry delay only occurs if re-entry takes place through the normal exit/entry door first.
- **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. (Two groups of Interior Zones may be programmed for each Area).
- **Selective-Bypassed Zone:** A zone that can be individually bypassed by tapping **Bypass** followed by the zone number.
- **24-Hour Zone:** A zone that is armed and ready at all times to respond to an emergency situation.

SYSTEM TROUBLE ERROR CODES

Your NAPCO security system is capable of detecting a variety of troubles that may affect system performance. In the unlikely event that a problem should occur, the System Trouble icon will flash (shown at right) and the keypad Window will display one or more of the following error codes. 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, call your security professional for service. The keypad can be silenced and the display can be cleared by tap/holding-down **Reset**, entering your User Code and tapping **Enter**. The system can then be armed and disarmed as usual. **Note:** If you cannot clear a system trouble yourself, call your installing company as soon as possible.

E01 AC -- Power Failure

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.

E02 -- Low Battery

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 test of the battery every 24 hours, at which time the trouble will clear if the battery has been recharged. If the trouble does not go away in 24 hours, call installing company for service.

E03 -- Communication Failure

The system was not able to report to the 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 Digital Dialer Test:

1. While disarmed, tap/hold-down **Menu**.
2. Enter your User Code and tap **Enter**.
3. Tap **Up** or **Down** until **Digital Dialer Test** is highlighted.
4. Tap **Enter** to send a test code to the central station.

If the test is not successful, "**E-03**" will display, indicating a communication failure. Call installing company for service.

E04-NN -- Wireless Transmitter Supervisory Failure

A problem has been detected with a wireless transmitter. Call installing company for service.

E06-NN -- Receiver Response Failure

Call installing company for service.

E09-00 -- System Cold Start

For installer use only. (This indication always appears when a system "Cold Start" is performed. "Cold Starting" the control panel resets it back to its original "default" condition, i.e. the state it was in when it left the factory).

SYSTEM TROUBLE ERROR CODES (cont'd)

E10-NNN -- Keypad Response Failure

Call installing company for service.

E11-NNN -- Keypad Tamper

The control panel has been opened, or a wall-mounted keypad has been opened and/or removed from the wall. Call installing company for service if problem cannot be repaired.

E15-NNN -- RF Transmitter Tamper

Wireless transmitter cover removed (NN = transmitter number). Call installing company for service.

E16-NNN -- Wireless Receiver Jam

A problem has been detected with the wireless receiver. Call installing company for service.

E17-NNN -- Receiver Tamper Condition

Call installing company for service.

E18-NNN -- Keyfob Transmitter Low Battery

A keyfob transmitter has indicated its power cell(s) are weak and should be replaced. The 4-button **RR-4BKEYFOB** uses a 3V Lithium coin cell battery (replace with type CR2032 or Duracell DL2032 only). The 1-button **RR-1BUTTON** uses two Energizer 386 1.5V silver oxide cells (the unit will also flash its LED to warn of a low-battery). **Warning:** Replace batteries only with the same type as specified above. Use of another battery may present a risk of fire or explosion. Do not recharge or disassemble battery, or dispose of in fire.

E40-NNN -- RF Self-Test Failure

A wireless motion sensor on the zone indicated has failed its automatic self-test routine. Call installing company for service.

E41-NNN -- Fire Trouble

A problem has been detected on the fire zone indicated. Call installing company for service.

E42-NNN -- CO Zone trouble

A problem has been detected on the carbon monoxide zone indicated. Call installing company for service.

E51 -- Bell/Siren Trouble

There is a problem with the bell or siren. 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 a number and beeps at me.

*If the green **Status** light is off, a zone is open. Refer to the pull up zone directory and find and secure the open window or door.*

See Page 7

I try to arm my system but the keypad beeps at me. A triangle with an exclamation point ("!") is flashing and numbers are scrolling in the display.

*A System Trouble has been detected. Note the scrolling error codes, which represent the trouble. Tap/hold-down **Reset**, enter your User Code and tap **Enter**. You will now be able arm to the system , but the trouble must be fixed as soon as possible.*

See Page 8 & 26

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 telephone.

See Page 12



*If there is no evidence of a fire, tap "**PRESS TO DISARM**" (shown at left), enter your User Code and tap/hold-down **Disarm** to silence the alarm. Note the number of the Zone in the keypad Window. Check the smoke detector(s). If a smoke detector tripped, its red alarm indicator light will be on. Tap/hold-down **Reset**, enter your User Code and tap **Enter** to silence the keypad sounder.*

FCC STATEMENT

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.

NOTES

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NAPCO LIMITED WARRANTY

NAPCO SECURITY TECHNOLOGIES, 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 cancelled. 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.

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.