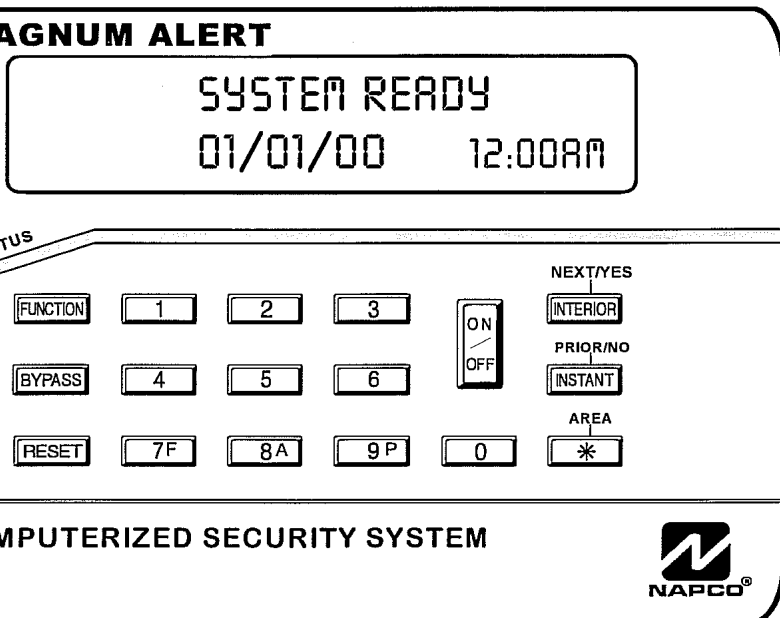


GUIDE for your RP3000LCDe KEYPAD



DESIGN PATS. PENDING

INTRODUCTION

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 (ask your alarm professional how to make these tests).

IMPORTANT — TEST YOUR SYSTEM WEEKLY!

2. While disarmed, enter your code.
3. Press the [FUNCTION] Button repeatedly until "ACTIVATE DIALER TEST Y/N" appears in the window.
4. Press the YES Button ([INTERIOR]) to send a test code to the central station.
5. If the test is *not* successful, "FAIL TO COMM" will display at the keypad. Call for service.

Note: Any subsequent successful transmission will clear a "Failure to Communicate" system trouble.

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**TO SHUT OFF AN ALARM,
ENTER YOUR CODE,
THEN PRESS THE
[ON/OFF] BUTTON.**

FOR SERVICE, CALL: _____

CENTRAL STATION: _____

EXIT DELAY: _____

ENTRY DELAY: _____

FIRE ALARM SOUND*:

BURGLAR ALARM SOUND*:

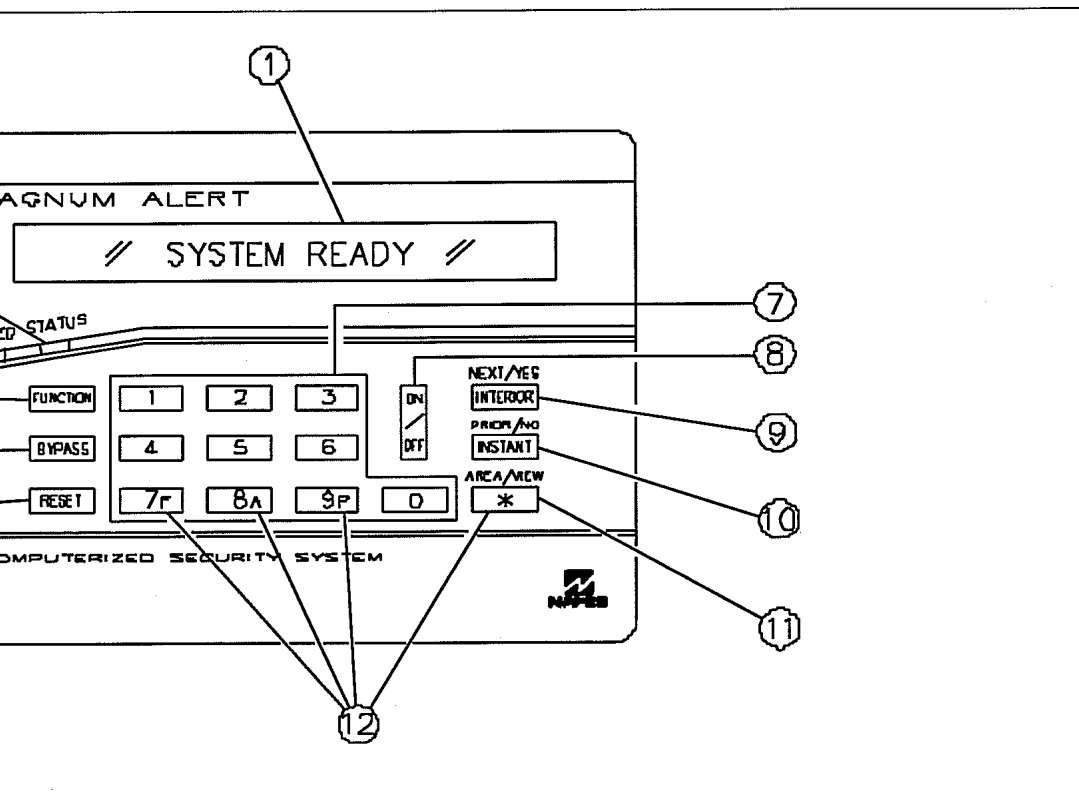
KEYPAD FIRE ENABLED?:
 YES NO

KEYPAD PANIC ENABLED?:
 YES NO

KEYPAD AUX. ENABLED?:
 YES NO

*FIRE HAS PRIORITY OVER BURGLARY.

KEYPAD CONTROLS & INDICATORS



KEYPAD CONTROLS & INDICATORS

- 5 **BYPASS Button.** (1) Deactivates selected zones from the system. (2) Unbypasses 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 **ON/OFF Button.** Entry key. Causes the entered code or selected function to be executed.
- 9 **INTERIOR Button.** (1) Bypasses all Interior Zones simultaneously to allow free movement within the premises. (2) Scrolls the window display forward (NEXT). (3) Answers "YES" to questions in the window display.
- 10 **INSTANT Button.** (1) Cancels entry delay on Exit/Entry Zones, causing an instant alarm upon violation. (2) Scrolls window display backward (PRIOR). (3) Answers "NO" to questions in the window display.
- 11 **AREA/VIEW Button (*).** (1) Selects and arms/disarms other areas, if programmed.
- 12 **Emergency Buttons.** Used with the [*] Button to signal an emergency, as follows:
- Press [F] and [*] for Fire emergency.
 - Press [A] and [*] for Auxiliary Emergency
 - Press [P] and [*] for Police emergency.

ARMING THE ALARM (ARMING) WHEN LEAVING

1. Check the keypad. The green STATUS light must be *on* in order to arm.
 - If the green light is off, "ZONE FAULTS" will display in the window followed by the number and description of each faulted zone. Note each problem zone and secure it by closing a window, door, etc. When all zones are secure, the green STATUS light will come on and the window will display "SYSTEM READY".
 - Bypass faulted 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 the [BYPASS] Button, then the zone number (or vice versa). Note: Bypassed zones are unprotected. If armed with zones bypassed, be sure to have the system checked as soon as possible.
2. Arm the system. Enter your code and press the [ON/OFF] Button. The green STATUS light will go off, the red ARMED light will come on and the window will display "EXIT TIME XXX" and "PLEASE LEAVE NOW" (where "XXX" represents the exit time remaining, in 10-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.

Priority Arming. If you attempt to arm a faulted *Priority Zone*, a 3-second tone will sound at the keypad. "CAN'T ARM SYSTEM" and "ZONE NOT NORMAL", will display in the window, indicating that the trouble(s) must be corrected before the panel can be armed. A zone selected as *Priority Zone with Bypass* (check your Alarm Plan) may be bypassed if in trouble. If the problem cannot be corrected immediately, press the [RESET] Button, then arm the panel. A 3-second beep will sound at the panel to indicate arming with a Priority Zone in trouble. Be sure to have the trouble repaired as soon as possible.

ARMING THE ALARM (ARMING) WHEN LEAVING

If you attempt to arm with a "SYSTEM TROUBLE" display (with an indicated trouble, e.g. "AC POWER LOSS", "LOW BATTERY, etc.), a 3-second tone will sound at the keypad. The window will display "CAN'T ARM SYSTEM". If you cannot correct the problem immediately, pressing the [RESET] Button will enable you to arm in this condition. Be sure to call for service as soon as possible.

Area Arming (Optional)

In a system that has been partitioned into multiple areas, one or more areas may be armed while others remain disarmed.

Manager's Mode. The Manager's Mode, if enabled, provides quick access to other areas without the system status display. (This is *not* a high-security feature.)

To arm any area,

1. Press the numerical key representing the area number.
2. Press the [*] Button. then [ON/OFF]. In effect, you will now be in that area.
3. Enter your code, then press [ON/OFF] to arm. Note: Your code must be valid in that area.

To arm all areas simultaneously (including the area you are in),

1. Press [9].
2. Press the [*] Button.
3. Enter your code, then press the [ON/OFF] Button.

If any zone is not secured, the keypad will display "CAN'T ARM SYSTEM / AREA # IN TROUBLE", where "#" identifies the area number. All problem zones in the respective area must be secured or bypassed before the area can be armed. Note: If a system trouble is indicated, the system may not be armed using this method.

To disarm all areas, press [0], [*], enter your code and press [ON/OFF].

ACTING YOURSELF WHILE ON THE PREMISES

Bypassing Interior Zones

Interior Zones, when bypassed, allow free movement within the premises while the protection of armed perimeter zones is maintained. One or two groups of zones may have been designed as Interior Zones.

1. Select the interior group by repeatedly pressing the [INTERIOR] Button. The window will display "I1", "I2", or "I1 + I2", each with its related description.
2. When the desired interior group is displayed, press the [ON/OFF] Button to select it. "BYPASS" will display to indicate zones bypassed.
3. Enter your code, then press the [ON/OFF] Button. The red ARMED light will come on and the green STATUS light will blink, indicating zones bypassed. After the exit time has elapsed, the window will display "SYSTEM ARMED".

Instant Protection

When retiring for the evening, after everyone is at home, you will probably want to cancel the entry delay on the Entry Zone(s). Then, if armed, opening the entry door will cause an instant alarm. (When arming, exit delay will remain in effect.)

1. To cancel the entry delay while on the premises, merely press the [INSTANT] Button. (The [INSTANT] Button may be pressed either before or after arming.)
2. When armed, the window will display "SYSTEM ARMED I" and the red ARMED light will flicker rapidly to indicate *instant protection*.

ACTING YOURSELF WHILE ON THE PREMISES

Emergency Buttons (Only available if programmed)

The blue Emergency Buttons (F, A and P) are *always active*, whether the system is armed or disarmed. The emergency signal will only be activated when the respective Emergency Button and the [*] button are pressed *at the same time*.

- Fire Emergency. Simultaneously press the blue [F] and [*] Buttons to alert the central station of a fire emergency.
- Auxiliary Emergency. Simultaneously press the blue [A] and [*] Buttons to alert the central station of some other emergency.
- Police Emergency. Simultaneously press the blue [P] and [*] Buttons to alert the central station of a police emergency.

OFF THE ALARM (DISARMING) WHEN RETURNING

1. Upon entry, the keypad sounder will come on as a reminder to disarm the panel. The red ARMED light will be on and the window will display "ENTRY TIME XXX" and "DISARM SYSTEM" (where "XXX" represents the entry time remaining in 10-second steps).

2. Immediately enter your code, then press the [ON/OFF] Button. The sounder will silence and the red ARMED light will go out.

Note: If you enter a wrong code, the keypad will display "INVALID ENTRY, TRY AGAIN". Re-enter your code immediately.

Alarm Indication

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 the [ON/OFF] Button. After the system is disarmed, the window will continue to display "ALARM" followed by the zone(s) violated.

2. To reset the display, note the zones violated, then press the [RESET] Button.

OFF THE ALARM (DISARMING) WHEN RETURNING

armed? YES NO.)

(Ambush Code) is a 2-digit code that is entered just prior to your Disarm Code. If an alarm is present in your system, (a) enter your Ambush Code; (b) enter your Disarm Code; (c) press the [9] [9] [1] [2] Button.

If your Disarm/Disarm Code is *1234* and your Ambush Code is *99*, press [9] [9] [1] [2] and a silent alarm to the central station.

The keypad will sound and the window will display "SYSTEM READY", as if the system were merely disarming. This is an indication that an alarm has been sent.

programmed? YES NO.)

This feature is used to monitor a secured exit door, window foil, etc. A problem on this type of burglary will result in a "TROUBLE" display and a pulsing keypad sounder while disarmed. To silence the keypad sounder, press the [9] [9] [1] [2] Button (or arm and disarm, if so programmed). Correct the problem to the cause of the problem.

audible output programmed? YES NO.)

If an audible output is programmed, even if the system is disarmed. If there is no audible output (bell, siren, horn, etc.), it will behave as a regular Burglary Zone, however an alarm will be generated and recorded in the Alarm Event Log. If an audible output *is* programmed, the system will behave as an armed Burglary Zone. If the system is subsequently armed with a keypad sounder will come on momentarily to indicate that there is a problem.

FIRE PROTECTION

(Local ordinance permits use of this alarm control panel for fire protection.)

Fire-Zone Alarm

If a fire is detected, "FIRE ALARM" 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. If there is no evidence of a fire, enter your code and press [ON/OFF] to turn off the alarm. (The display will scroll a reminder that the fire bell has been silenced.)
3. Press the [RESET] Button to silence the keypad sounder.
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 10 seconds.

Fire-Zone Trouble

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

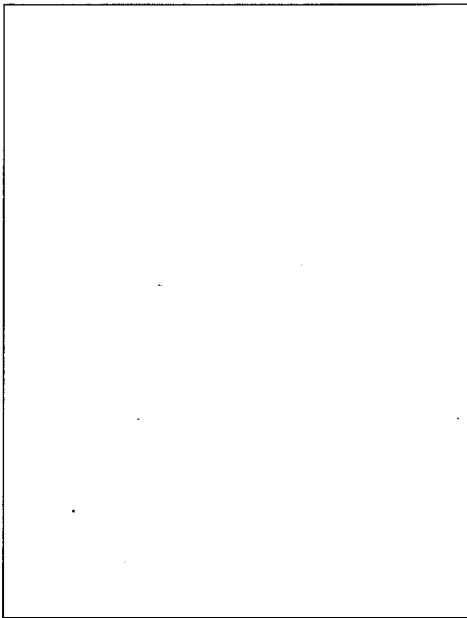
Safety Information?

For more information on fire detection, burn safety, and home fire safety, write to the National Fire Protection Association, 11900 Rockville Pike, Bethesda, MD 20814-4302, or 1155 North 17th Street, Quincy, MA 02269.

FIRE PROTECTION

Floorplan

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



Floorplan.

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.

FIRE PROTECTION

LIMITATIONS OF FIRE ALARM WARNING SYSTEMS

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sons: (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.

KEYPAD FUNCTIONS

assortment of utility functions. The functions are displayed in a prompting “*yes/no*” format. Press [INSTANT] Button); to select and execute a function, answer YES (press [INTERIOR] Button). The function list is provided here in its normal displayed sequence. However, since not all functions (or intended for all users), *only functions that are applicable and active are displayed*. If a function is bypassed, “DISPLAY ZN BYPASSED” will not appear.) Furthermore, functions that are intended for use in high-security installations will not be displayed. (Note: Functions may be manually scrolled forward or backward using the [NEXT] and [PRIOR] Buttons, respectively.)

To return to normal operation, press the [RESET] Button. (The keypad will automatically return to its normal operation if the alarm is detected for longer than one minute.)

In high-security installations and in high-security installations, only those users having valid codes can access the keypad.

Y/N Display Zone Faults? Identifies zones that are in not secured. Press the NEXT and PRIOR Buttons (as displayed on-screen) to scroll faulted zones.

Y/N Display Zones Bypassed? Displays manually bypassed zones. Press the NEXT and PRIOR Buttons to scroll bypassed zones.

Y/N Display Zone Directory? Displays each zone by number and description. Press the NEXT and PRIOR Buttons to scroll forward and back, respectively.

Y/N Activate Bell Test? Activates the alarm (while disarmed) for about 2 seconds. (In Commercial Fire systems, the fire output will activate as well.) If the alarm does not sound, call for service.

KEYPAD FUNCTIONS

/N Display Telephone Numbers? (*Phone numbers programmed?* YES NO.) Press YES to display up to four programmed telephone numbers. Select Telephone #1-4 using the NEXT and PRIOR Buttons. Press the [ON/OFF] Button, then pick up the phone to automatically dial the displayed number.

/N Display System Troubles? Displays any problem detected in the system (low battery, AC power loss, etc.). Press the NEXT and PRIOR Buttons to scroll system troubles.

/N Display Fire Alarms? Displays alarms that have occurred on the Fire Zone(s). Press the NEXT and PRIOR Buttons to scroll zones.

/N Display Fire Troubles? Displays trouble conditions that have been detected on the Fire Zone(s). Press the NEXT and PRIOR Buttons to scroll fire troubles.

/N Display Opening/Closing Schedules? (*Opening/Closing Schedules programmed?* YES NO.) Provides a 2-line display of the programmed opening and closing schedules; use NEXT and PRIOR Keys to scroll through the days of the week. The first line indicates (a) the day of the week; (b) opening or closing suppression window; (c) "AUTO" if autoarming; and (d) NORMAL (or delayed) schedule. The second line indicates the starting and ending times of the suppression window.

/N The closing of any suppression window may be delayed up to four hours, or the window may be totally disabled up to one week in advance. Select the DAY/OP/CL schedule using the NEXT and PRIOR Buttons, then select the delay (1-4 hours) or disable using the [ON/OFF] Button. Note: If the display indicates autoarming, arming will be delayed accordingly.

KEYPAD FUNCTIONS

Y/N /N /N

Activate Overview? (*Overview programmed for user?* YES NO.) In a partitioned system, this mode displays total system status at a glance, in order of area. (The SYSTEM READY display will be replaced by the "OV-----" display shown at left.) For each area: "R" = Area Ready; "Z" = Zone Fault; "A" = Area Armed; "B" = Burglary Zone in Alarm; "N" = Normal Fire Area; "F" = Fire Zone in Alarm; "T" = Fire Trouble; "C" = Check Trouble; "D" = Area in Function-Display Mode.

In this mode, all ready areas ("R") except the arming area (the area that you're in) may be armed simultaneously by pressing [9], [*], then entering a valid User Code. (The User Code must be valid in all areas, otherwise only those areas recognizing the code will arm.) Similarly, all armed areas ("A") may be disarmed by pressing [0], [*], then entering a valid User Code. To revert to normal keypad operation, press the [FUNCTION] Button repeatedly until "DEACTIVATE OVERVIEW" appears, then press the YES Button.

Y/N /N /N

Activate Chime? The Chime Mode will sound a tone at the keypad when the programmed zone is opened while disarmed. A "C" will appear in the display as long as the Chime Mode is active. To deactivate the Chime Mode, execute the DEACTIVATE CHIME function. Note: The Chime Mode is disabled while armed.

Y/N /N /N

Activate Watch Mode? (*Watch Mode programmed?* YES NO.) This optional feature simultaneously turns on all zones designated as Day Zones. When activated, a "W" will appear in the display. To deactivate the Watch Mode, arm, then disarm. All Day Zones will revert to regular Burglary Zones. Note: The Watch Mode is disabled while armed.

Y/N /N /N

Activate Guard Tour? (*Guard Tour programmed?* YES NO.) This feature is intended for commercial applications only.

KEYPAD FUNCTIONS

Note: The following four displayed messages are for *Commercial-Fire* applications using a CF5530 Module.

Reset Smoke Devices? (*Commercial Fire system?* YES NO.) resets initiating devices that require a momentary power interruption for reset.

Silence Fire Bell? (*Commercial Fire system?* YES NO.) Silences the fire sounding device.

Reset Relay Fire Aux. 1? (*Commercial Fire system?* YES NO.) Resets the CF5530 Auxiliary 1 relay.

Reset Relay Fire Aux. 2? (*Commercial Fire system?* YES NO.) Resets the CF5530 Aux. 2 relay.

Reset System Trouble? System troubles display and sound at the keypad. Correcting the trouble will clear most indications, however the following require manual reset: EZM TAMPER; KEYPAD TAMPER; SENSOR WATCH; USER MEMORY FAIL (internal memory error); and DEALER MEMORY FAIL (internal memory error).

Reset Sensor Message? This function must be utilized to clear a "SENSOR FAILURE" message from the display.

KEYPAD FUNCTIONS

Y N Start Exit Time? (*Start Exit Time programmed?* YES NO.) In Commercial Burglary systems, exit delay may have been programmed to start after a central-station "ringback" (verification) signal has been received. If the ringback tone has not been received within about 30 seconds after arming, a communication problem may exist. Use the "START EXIT TIME" Function to start exit delay manually, then exit the premises immediately. Be sure to have your alarm specialist check communications with the central station as soon as possible.

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

Y N Display Alarm Log? Displays all alarm conditions that have occurred by time, area, zone and date. Use NEXT and PRIOR Buttons to scroll events backward and forward, respectively.

Y N Display Total Log? Displays all events that have occurred. Use NEXT and PRIOR Buttons to scroll events backward and forward, respectively.

Y N Display Fire Log? Displays all fire alarms, troubles and restores by area, zone, time and date. Use NEXT and PRIOR Buttons to scroll events backward and forward, respectively.

Y N Display Openings/Closings Log? Displays openings (disarmings) and closings (armings) by date, time, area, and user. Use NEXT and PRIOR Buttons to scroll events backward and forward, respectively.

KEYPAD FUNCTIONS

Y/N Display System Log? Displays system troubles and other system events by date, time and area (if applicable). Use NEXT and PRIOR Buttons to scroll backward and forward, respectively.

/N To Arm in 1–4 Hours, Press 1–4. (*Not for UL-listed systems.*) Allows automatic arming to be delayed up to 4 hours, 15 minutes, as follows:

For a 1-hour, 15-minute delay, press [1], then [ON/OFF].

For a 2-hour, 15-minute delay, press [2], [ON/OFF].

For a 3-hour, 15-minute delay, press [3], [ON/OFF].

For a 4-hour, 15-minute delay, press [4], [ON/OFF].

Fifteen minutes prior to arming, the siren will sound a 2-second warning and the keypad will begin a 15-minute countdown with the sounder pulsing. During this time, arming may be delayed an additional 1 to 4 hours (as above), or autoarming may be cancelled by arming and disarming the panel.

Y/N Display Autoarm Schedule? (*Autoarm programmed?* YES NO.) Displays the programmed autoarm schedule. Use NEXT and PRIOR Buttons to scroll forward and backward through the days of the week. While the programmed schedule cannot be changed at the keypad, autoarming may be delayed up to 4 hours, or it may be disabled, up to one week in advance. Select the day, as above, then select the delay (1–4 hours) or disable using the [ON/OFF] Button.

KEYPAD FUNCTIONS

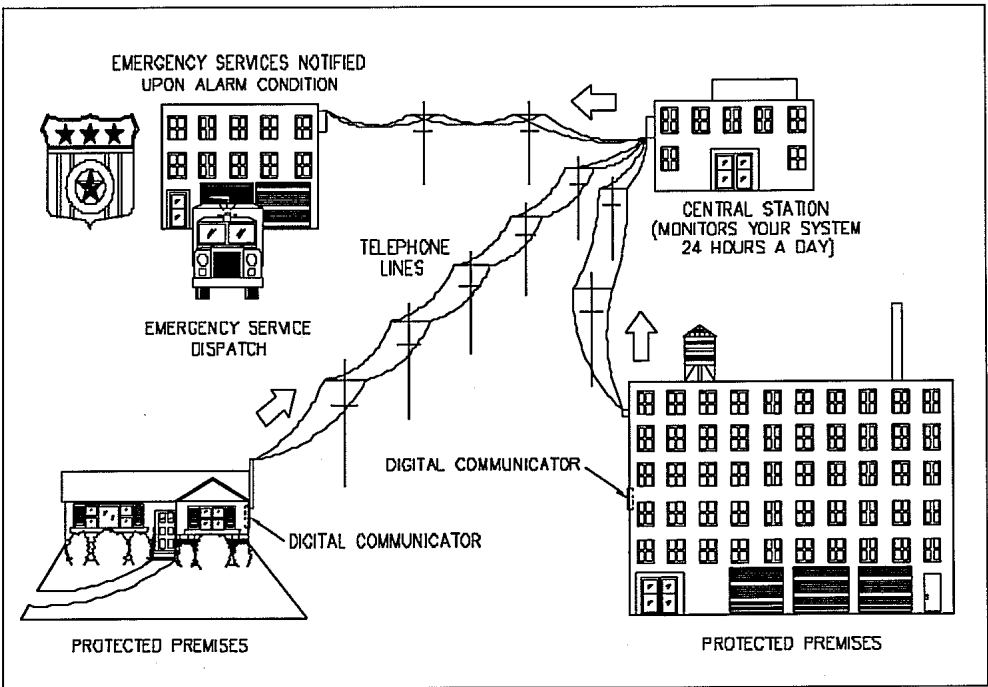
Y/N Activate Program? (*Program Mode programmed for user?* YES NO.)
Activates the Program Mode from Keypad No. 1 only. Note: *Activate Program* is disabled while armed.

Y/N Activate Download? Activates the Manual Download Mode from Keypad No. 1 (for installer or servicer's use only). Note: *Activate Download* is disabled while armed.

CENTRAL-STATION MONITORING

ports 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.



ADVANCED FEATURES

Security Bypass/Unbypass

(*Security Bypass programmed?* YES NO.) In high-security applications, zones may be bypassed (or unbypassed) only if a valid code is entered first, as follows.

1. Enter a code valid for bypass; "BYPASS ENABLED" will display.
2. Press the [BYPASS] Button then the zone number (or vice versa) to deactivate that zone.

Similarly, a bypassed zone may be *unbypassed* using the foregoing procedure.

Function-Mode Bypass/Unbypass

Zones may be bypassed (or bypassed zones may be *unbypassed*) in the Function Mode by either of the following methods. Note: When the panel is subsequently disarmed, all bypassed zones will revert to unbypassed zones.

- From "Display Zone Faults" screen. (1) Display zone faults. The number of faulted zones will display briefly. (2) Press the NEXT Button to display the first faulted zone, then press the [BYPASS] Button to bypass the zone. (3) Press the NEXT Button to display the next faulted zone; press the [BYPASS] Button to bypass that zone. (4) Repeat Step 3 for each zone to be bypassed. To "unbypass" a bypassed zone, display the zone, then press the [BYPASS] Button once again.
- From the "Display Zone Directory" screen. (1) Display the directory. The number of zones will display briefly. (2) Use the NEXT and PRIOR Buttons to select the zone to be bypassed. (3) When the zone is displayed, press the [BYPASS] Button. Repeat for each zone to be bypassed. To "unbypass" a bypassed zone, display the zone, then press the [BYPASS] Button once again.

ADVANCED FEATURES

Ringback (for Commercial Burglary Systems only)

YES NO.) If your system reports to a central station, your panel may have been programmed to receive the central-station ringback (verification) signal. Then, after arming, the display will read "Ringback". If the display does not communicate to the central station. After the central station acknowledges receipt (ringback), if no ringback is heard within about 30 seconds, a communication problem may exist; call for service. The display can be used to manually start the exit delay, however reporting capability may be sacrificed. (If the ringback feature was not programmed, exit delay will start as soon as your code is entered. If the ringback feature is programmed, and the closing is within that window, no ringback is provided. Ask your installer if the feature is enabled.)

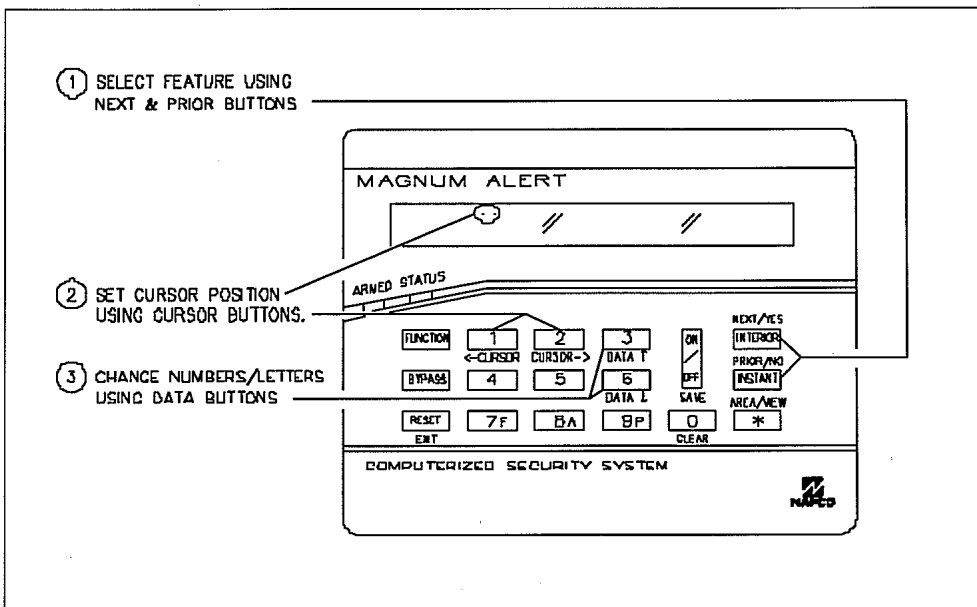
YES NO) On arming, the programmed exit delay will start. After the exit door has been opened, the exit delay will change to 60 seconds. Thus, a long exit delay may be programmed, which will allow more time to exit upon exiting. If re-entry occurs during that 60 seconds, exit delay will restart once the door is closed. If so programmed, re-entry within 60 seconds after exit delay has expired will result in a warning (in addition to the entry sounder) to remind the user to disarm.

Fire

YES NO.) Important: In Commercial Fire systems, any keypad display scrolling with "FIRE" indicates that the fire bell has been silenced but the Fire Zone has *not* been reset.

When fire keypads are used, only high-authority users can silence the fire bell. Furthermore, silencing the fire bell requires a valid code entry; that is, (a) enter your code, then (b) press [RESET].

PROGRAMMING (Optional)



Keypad Functions, Program Mode.

time, or description will not be permanently stored until you press the Save Button ([ON/OFF]). (7) To exit the Pro-

gram Mode, press the [RESET] Button.

PROGRAMMING (Optional)

EXIT TIME. A delay that allows time to arm and exit without setting off the alarm. Program in seconds using all three digits, thus 30 seconds is programmed as "030"; 2 minutes as "120"; etc. Maximum programmable time is 255 seconds (4¼ minutes). Note: Do not exceed 60 seconds in UL-listed systems.

ENTRY TIME 1. A delay that allows time to disarm when entering through the main entrance without setting off an alarm. Program as for *Exit Time* above.

ENTRY TIME 2. Similarly, this delay allows you time to disarm when entering through a secondary entrance. Program as for *Exit Time* above.

USER CODES. Up to 96 User Codes may be programmed.

Do not attempt to program a code containing any blank spaces between digits. In selecting your codes, do not program repetitive numbers (1111), consecutive numbers (1234), your birth date, address, or other obvious combinations.

The first code displayed will be the default "U01 123•••→•→••" (123), which, for security reasons, may not be selected as a User Code. Enter up to six digits (a minimum of four is recommended, and required in UL installations)

PROGRAMMING (Optional)

ACCESS CODE. A six-digit code used to activate a door strike (to remotely unlock a door) while disarmed. Program as any User Code.

AMBUSH CODE. A two-digit code entered prior to the Disarm Code that will cause a silent report to be sent to the central station. Thus, should he be forced to disarm by an assailant, the user can silently signal an emergency while appearing to be merely disarming the control panel.

ZONE DESCRIPTIONS. When entering zone descriptions, Keys [1] and [2] position the cursor within the display. Keys [3] and [6] scroll through numbers, letters, punctuation marks and a variety of symbols. Enter an identifying description for each zone then press the Save Button ([ON/OFF]).

To advance to the next zone (or to any

other zone, for that matter) position the cursor over the displayed zone number (i.e., "01" using Keys [1] and [2] and change the zone number using Keys [3] and [6]). Program a description for the new zone, then press the Save ([ON/OFF]) Button. Advance to the next zone using Keys [1] and [2] as described above and repeat until all zones (up to 96) have been programmed.

Note: The zone description may be up to two lines in length by continuing to advance the cursor beyond the end of the first line. This feature may be used to display a primary message (e.g. "01-MASTER BEDRM"), with a follow-up secondary message (e.g. "WINDOW").

PROGRAMMING (Optional)

Byte).

2. Using Cursor Keys [1] and [2], position the cursor over the first digit of the User Code.

3. Press Key [3] (Data Up) to increment numbers until "3" is displayed as the first digit. Note: Holding down Key [3] will increment numbers rapidly.

4. Momentarily press Key [2] to move the cursor one digit to the right. Repeat Step 3, using Key [6] to decrement numbers until "7" is displayed as the second digit. Note: Holding down Key [6] will decrement the number rapidly.

5. Repeat Steps 3 and 4 for both the

third and fourth digits until the display reads "3784••→••→••".

6. Press the Save Button ([ON/OFF]) to memorize the code.

Note: To proceed to User 2's Code, position the cursor over the "1" of the user code number ("U01") and press Key [3] once ("U02" will display). Repeat the foregoing procedure to program User Code 2.

8. To terminate the Program Mode, press the [RESET] Button.

KEYPAD MESSAGES

Following functional messages. Other diagnostic messages are available for the installer or message appear, call your dealer for service.

All zones operating; system can be armed. If displayed, *C* denotes Chime Mode on; *W* denotes Watch Mode on. (Note: This message may have been customized by your installer.)

Panel reporting to central station on arming. If necessary, wait for ringback signal before exiting.

Exit delay in progress. *XXX* denotes exit time remaining. If displayed, *S* indicates Service Code active; *I* indicates arming with Instant protection.

Entry delay in progress. *XXX* shows entry time remaining.

Panel armed. If displayed, *S* indicates Service Code active; *I* indicates arming with Instant protection.

Zones not secured (doors or windows may be open). Faulted zone(s) will scroll.

Arming attempted with zone in trouble. Press [FUNCTION] Button to display zone faults. Correct trouble to arm.

(*With pulsing sounder.*) Trouble condition on a Day Zone (followed by one or more zone descriptions). Press [RESET] to silence sounder.

KEYPAD MESSAGES

Alarm condition, followed by zone description(s). "ALARM" and zones will display after system is disarmed. Note zones, then press [RESET] to clear keypad.

(With pulsing sounder.) Trouble condition on a Fire Zone. Press [RESET] to silence sounder. Correct trouble or call for service.

(With pulsing sounder.) Alarm condition on a Fire Zone. Press [RESET] to silence sounder. Evacuate premises or correct cause of alarm.

(When Zones Bypassed displayed) indicates zones that have been deactivated.

(For partitioned systems only.) Code not valid for area.

(For Commercial Systems Only.) Code not valid for programmed time window.

Wrong code entered or "Easy Bypass" function not enabled.

(In Manager's Mode.) Arming prevented due to unsecured zone. "#" represents number of area with unsecured zone. Press area number, then [*], then [ON/OFF] Button to view zones in that area. Correct problem, then arm as normal.

KEYPAD MESSAGES

Indicates problem(s) detected on system (see below).

Battery weak. If not recharged within 24 hours, replace battery.

Check power transformer. Check for blown fuse or circuit breaker; general power outage.

Communication failure to central station.

Lack of sensor activity detected. Reset using the RESET SENSOR MSG function.

(Commercial Systems Only.) Overview Mode. Simultaneously shows status of up to 8 areas.

(Commercial Systems Only.) Remote-access keypad unlocked for 5 seconds.

GLOSSARY

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

ative 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.

Closing Window - (*Optional*) A time interval within which closing (arming) is permitted without reporting to the central station.

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.

Easy Arming - Quick arming by pressing the [ON/OFF] Button (optional).

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 using the [INSTANT] Button while remaining on the premises.

INTERIOR Button - Bypasses Interior Zones on arming (see *Zones - Interior Zones*). Pressing this button repeatedly selects I1, I2 or I1 + I2.

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

Manager's Mode - In a partitioned system, a low-security operating mode that allows arming by area.

GLOSSARY

Delay).

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

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

Service Code - A 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; an open door, window, or other problem that may prevent arming.

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

Watch Mode - Turns all Day Zones on or off simultaneously.

Window - A time interval. See *Opening Window; Closing Window*.

Zones - Independent circuits that protect specific areas of the premises:

- *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.
- *Day Zone*: A zone that will cause a visual and audible indication at the keypad if it is in trouble while disarmed.
- *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

GLOSSARY

each area.)

- *Priority Zone:* A zone that prevents arming if in trouble.
- *Priority Zone with Bypass:* A Priority Zone that can be bypassed using the [RESET] Key.
- *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.

NOTES

NAPCO LIMITED WARRANTY

products to be free from manufacturing defects from the date of manufacture. NAPCO does not warrant the product failing to operate correctly without

proof, which has been repaired by others, damaged, subjected to acts of God, or on the date of purchase. Seller will not be responsible for

and maintains your security system. Otherwise, if the product has been repaired, damaged, subjected to accident, numbers have been altered, defaced or reassembly or reinstallation charges.

by the security professional, shipping and handling charges, NAPCO assumes the cost of

and the description on the face hereof. This is not a warranty of fitness for a particular use or for any other purpose or for any other reasons or liabilities on the part of NAPCO.

any implied warranty of merchantability, or any other implied warranty, during the warranty period. In no case shall NAPCO be liable for consequential damages for breach of this or any other implied warranty caused by the seller's own negligence

and any prior agreements or conditions which may be in effect or are expressly cancelled. NAPCO does not warrant to act on its behalf to modify, to change, or to improve 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.

C. and, if not installed and used properly, may cause interference to radio communications, may cause interference to radio communications, to comply with the limits for a Class-B digital device as prescribed in Subpart J of Part 15 of FCC Rules, which limits the amount of radio frequency interference in a residential installation.

may occur in a particular installation. If this interference occurs, 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.

Yonkers, NY 11701

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