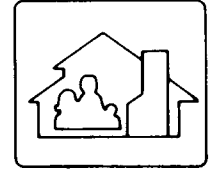


**OPERATING
GUIDE
FOR YOUR
RP3000LCD
KEYPAD**



INTRODUCTION

The RP3000LCD is a user-friendly keypad with large alphanumeric LCD display designed for use with Napco's MA3000-Series control panels. Featuring soft-touch keys and built-in backlighting, the keypad functions as a programmer as well in its secondary mode of operation. And its modern, attractive styling will complement any decor.

This booklet contains important information about the operation of the MA3000 system with the RP3000LCD Keypad. Read it carefully and keep it handy for future reference. Check the Glossary for an explanation of terms that

may be unfamiliar to you.

You'll probably find subjects mentioned in this booklet that do not apply to your system. Napco control panels have such a wide variety of features that few security systems, if any, will ever need them all. Your alarm professional has chosen appropriate features for your particular needs. For example, yours may be part of a larger system that was "partitioned" into two or more separately-secured yet related multiple-zone areas. Or, it may have been partitioned as one of several independent subsystems, sharing only a common

control panel, sounding device and telephone line. (If your system is used for fire protection, notify your local fire authority that you have installed a fire-alarm system.)

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 installer how to make these tests).

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TO SHUT OFF AN ALARM WHILE ARMED, 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 DISABLED: YES NO

KEYPAD PANIC DISABLED: YES NO

KEYPAD AUX. DISABLED: YES NO

*FIRE HAS PRIORITY OVER BURGLARY.

CENTRAL-STATION MONITORING

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

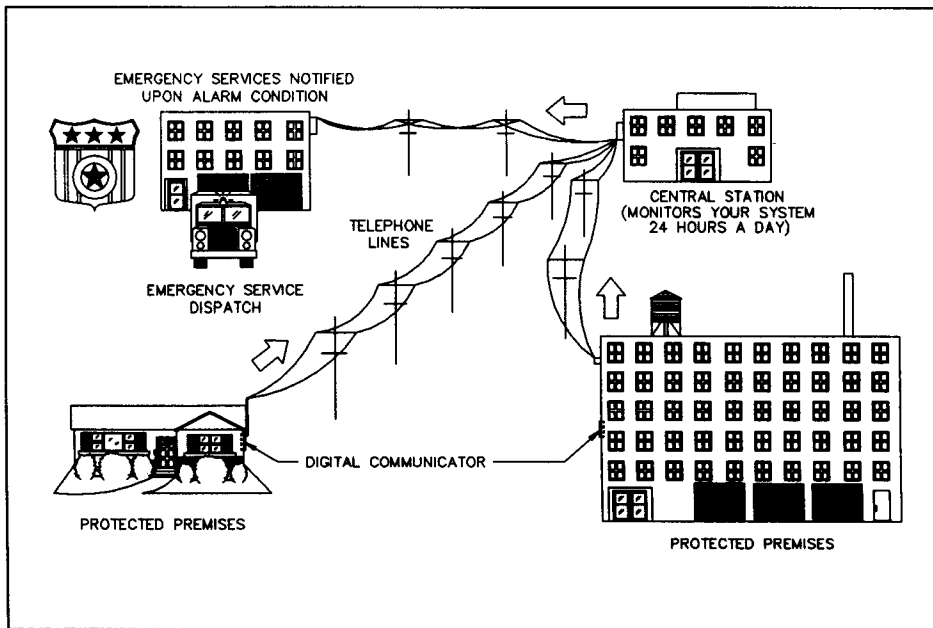
COMMUNICATOR FEATURES

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.

- **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 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.



GLOSSARY

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

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

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

Ambush Code - A 1- or 2-digit code entered just prior to the User Code when forced to disarm. Sends a silent alarm to the central station.

Arming/Disarming - Turning the system on/off by entering your code at the keypad, then pressing the [ON/OFF] Button.

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

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

Central Station - Monitors incoming reports and emergency messages from a digital communicator and notifies the proper authorities.

Chime - A keypad beep while disarmed

alerting that the programmed zone has been opened.

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 while on the premises using the [INSTANT] Button.

Interior Button - Bypasses Interior Zones on arming (see **Zones - Interior Zones**). This button toggles between I1, I2 and 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 (optional) that allows arming by area. Also see **Overview Mode**.

Opening Window - (Optional.) A time interval within which opening (disarming) is permitted without reporting to the central station.

Overview Mode - In a partitioned system, a high-security mode of operation allowing area arming wherein the status of all areas is displayed at the keypad.

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

Partitioned System - A system that has been subdivided into two or more (up to eight) independent subsystems.

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

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

GLOSSARY

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

Service 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; 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 programmed to cause visual and audible (indication at the keypad when 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 premises, usually including space-protection devices, interior doors, etc.; but not exterior doors or windows. These can all be bypassed simultaneously using the [INTERIOR] Button. (Two groups of Interior Zones may be programmed for 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.

KEYPAD FUNCTIONS

Note: (1) In all UL-listed applications and in high-security installations, only valid user codes can access the Function Mode (optional). (2) Depending upon user authority level, some listed functions may not be available nor be displayed. (3) Several functions display a 2-line message. Hold down the [*] Key for about 2 seconds to display the second line.

The keypad can provide a wide assortment of utility functions. The complete Function Menu is provided below in its displayed sequence. (Some of the functions are intended for use by the installer or servicer and are so noted.)

- To enter the Function Mode, enter a Level-1, -2, or -3 User Code (if necessary).
- To select a function, use the [FUNCTION] Button to scroll forward; use the [BYPASS] Button to scroll backward.
- To execute any function, press the [ON/OFF] Button. The red and green lights will flash while a function is accessed.
- To return to normal keypad operation, press the [RESET] Button. (The keypad will automatically return to its normal operating mode if no activity is detected.)

Note: A display that is preceded and followed by two asterisks (e.g.: **SUPERVISORY**) indicates a menu heading. Wait about 2 seconds for the submenu functions to appear (i.e., ACTIVATE CHIME, ACTIVATE

WATCH, etc.), otherwise press the [FUNCTION] Button to proceed to the next function.

DISPLAY STATUS. Identifies zones that are in a fault condition. If any zone displays, press the [INTERIOR] Button to check for others.

DISPLAY BYPASSED. (Bypass programmed? YES NO.) Displays manually bypassed zones. If any zone displays, press the [INTERIOR] Button to check for additional zones.

DIRECTORY. Displays each zone by number and description. Press the [INTERIOR] Button to advance to the next zone; press [INSTANT] to return to the previous zone.

BELL TEST¹. 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.

TELEPHONE LIST. The panel can dial any of four programmed telephone numbers. Select Telephone #1-4 using the [INTERIOR] and [INSTANT] Buttons, then press the [ON/OFF] Button. Pick up the phone to autodial the displayed number.

****DISPLAY MENU**.** Wait about two seconds for the following submenu functions to display:

- **DISPLAY SYSTEM TROUBLES.** Displays system troubles (LOW BATTERY, AC POWER LOSS, etc.).

- **DISPLAY FIRE ALARMS.** Displays alarms that have occurred on the Fire Zones.
- **DISPLAY FIRE TROUBLES.** Displays trouble conditions that have been detected on the Fire Zones.
- **DISPLAY OP/CL SCHED.** Provides a 2-line display of the programmed opening and closing schedules; use [INTERIOR] and [INSTANT] 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. (**Note:** The second line will display momentarily whenever a new schedule is selected, and briefly periodically thereafter. To view the second line, hold down the [*] Key.
- 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 [INTERIOR] and [INSTANT] 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.

(1) Disabled (does not display) while armed.

KEYPAD FUNCTIONS

****SUPERVISORY**.** Wait about two seconds for the following submenu functions to display:

- **OVERVIEW.** (Requires a Level-3 User Code with Overview Option.) In a partitioned system, this mode displays total system status at a glance, in order of area. 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.

- **ACTIVATE CHIME¹.** (Chime programmed? YES NO.) 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 **ACTIVATE CHIME** once again.

- **ACTIVATE WATCH .** (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.
- **GUARD TOUR ON/OFF.** This feature is intended for commercial installations only.
- ****RESET MENU**.** Wait about two seconds for the following submenu functions to display:
 - **RESET DEVICES.** (For Commercial Fire systems using CF5530) resets initiating devices that require a momentary power interruption for reset.
 - **FIRE SILENCE.** (For Commercial Fire systems using CF5530) Silences the fire sounding device.
 - **RESET FIRE AUX 1.** (For Commercial Fire systems using CF5530) Resets the CF5530 Aux. 1 relay.
 - **RESET FIRE AUX 2.** (For Commercial Fire systems using CF5530) Resets the CF5530 Aux. 2 relay.

- **RESET SYSTEM TROUBLE.** Most system troubles display and sound at the keypad. Pressing the [RESET] Button will cause "CHECK TROUBLE" to display. Correcting the trouble will clear most system trouble indications, however the following require manual reset (access **RESET SYSTEM TROUBLE**, then press the [RESET] Button).

EZM TAMPER; KEYPAD TAMPER; SENSOR WATCH; USER MEMORY FAIL²; DEALER MEMORY FAIL²

- **RESET SENSOR MESSAGE.** This function must be utilized to clear a "SENSOR FAILURE" message from the display.
- **START EXIT TIME.** If your system reports to a central station on arming, it may have been programmed to start exit delay after the central-station "ringback" (verification) signal has been received. If the ringback tone has not been received within about 30 seconds after arming, a transmission 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.

(1) Disabled (does not display) while armed.

(2) Internal memory error.

KEYPAD FUNCTIONS

****DIAGNOSTIC**.** Wait about two seconds for the following submenu functions to display:

- **FAULT FIND¹.** Activates the Fault-Find Mode (diagnostic for installer's use only). If accidentally enabled, press the [RESET] Button.
- **ACTIVATE LOCATE¹.** Activates the Locate Mode (diagnostic for installer's use only). If accidentally enabled, press the [RESET] Button.
- **EZM ZONE FIND¹.** Activates the EZM Zone Find Mode (diagnostic for installer's use only). If accidentally enabled, press the [RESET] Button.
- **COMM TEST TO CS.** 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.

****HISTORY LOG**.** The History Log maintains a total of 800 of the following events, starting with the most recent. Wait about two seconds for the following submenu functions to display:

- **ALARM EVENT LOG.** Displays all alarm conditions that have occurred by time, area, zone and date. Use [INTERIOR] and [INSTANT] Buttons to scroll events back

and forward, respectively.

- **TOTAL EVENT LOG.** Displays all events that have occurred. Use [INTERIOR] and [INSTANT] Buttons to scroll events back and forward, respectively.
- **FIRE EVENT LOG.** Displays all fire alarms, troubles and restores by area, zone, time and date. Use [INTERIOR] and [INSTANT] Buttons to scroll events back and forward, respectively.
- **OPENING/CLOSING EVENT LOG.** Displays openings (disarmings) and closings (armings) by date, time, area, and user. Use [INTERIOR] and [INSTANT] Buttons to scroll events back and forward, respectively.
- **SYSTEM EVENT LOG.** Displays event by date, time and area (if applicable). Use [INTERIOR] and [INSTANT] Buttons to scroll back and forward.

****AUTOARM FUNCTION**.** Allows automatic arming according to a programmed schedule. (Not available in UL-listed systems.)

- **AUTOARM IN 1-4HR.** Allows automatic arming to be delayed up to 4 hours, 15 minutes, as follows:
For 1hr, 15min delay, press [1], [ON/OFF].
For 2hrs, 15min delay, press [2], [ON/OFF].
For 3hrs, 15min delay, press [3], [ON/OFF].
For 4hrs, 15min 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. Within this countdown window, arming may be delayed an additional 1 to 4 hours, as above, or autoarming may be cancelled by arming and disarming the panel.

- **AUTO ARM SCHEDULE.** Displays the programmed autoarm schedule. Use [INTERIOR] and [INSTANT] Buttons to scroll forward and back 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.

ACTIVATE PROGRAM¹. (Requires a Level-3 User Code with User Program Mode Option.) Activates the Program Mode from Keypad No. 1 only. Refer to **PROGRAMMING**.

DOWNLOAD¹. (Manual Download programmed: ? YES NO; Remote Download programmed? YES NO.) Activates the Manual Download Mode from Keypad No. 1 (for installer or servicer's use only).

(1) Disabled (does not display) while armed.

SETTING THE ALARM (ARMING) WHEN LEAVING

Note: In high-security installations, only valid user codes can access the Function Mode (optional). Not all users may have the authority to access all functions.

Check the keypad; only the green light should be on and the display should read "SYSTEM READY". If the display indicates "CHECK STATUS", check the system as follows: (1) Enter your User Code (if necessary), then press the [FUNCTION] Button ("DISPLAY STATUS" will appear). (2) Press the [ON/OFF] Button to display the number of faulted zones. (3) Press [INTERIOR] or [INSTANT] Button repeatedly to scroll through all the faulted zones. Note the problem zone and secure it (by closing a window, door, etc.). If you cannot locate or repair the problem yourself, call for assistance. If you cannot get immediate help, it may be possible to bypass that zone from the system (see **Arming with Zones Bypassed**, which follows) and arm temporarily

with partial protection. However, be sure to have the system checked as soon as possible.

Note: If "SYS TBL" and "CHECK TROUBLE" are displayed, display the system trouble as follows and correct it before attempting to arm: (1) Enter your User Code (if necessary), then press the [FUNCTION] Button ("DISPLAY STATUS" will appear). (2) Press the [FUNCTION] Button until "**DISPLAY MENU**" appears. (3) Wait about 2 seconds, then press the [ON/OFF] Button to display the system troubles. After the trouble is checked, be it LOW BATTERY, AC POWER LOSS, etc., it will be possible to arm within 5 minutes if repairs cannot be made immediately. **Note:** If arming with a low-battery indication, backup power may not be present in the event of a lengthy power failure.

Enter your User Code, then press the [ON/OFF] Button to arm the system: the green STATUS light will go off, the red

ARMED light will go on and the display will count down the exit delay time in 10-second decrements. Leave immediately through the regular exit/entry door. At "000" seconds, the display will read "SYSTEM ARMED", indicating that the panel is armed.

Note: If your system was programmed for **Exit-Delay Restart**, on arming, the programmed exit delay will start. After the exit door has been opened and then closed, exit delay will change to 60 seconds. Thus, a long exit delay may be programmed, which will immediately be reduced to 60 seconds upon exiting. If re-entry occurs within that 60 seconds, exit delay will restart once again (and only once again) at 60 seconds.

If re-entry occurs within 60 seconds after exit delay has expired, the alarm will sound a 2-second warning (in addition to the entry sounder) to remind the user to disarm.

Note: If your system reports to a central station, your panel may have been programmed to start exit delay after the central-station ringback (verification) signal. Then, after arming, the display will read "PLEASE WAIT" while your system communicates to the central station. After the central station acknowledges receipt (ringback), exit delay will start. If ringback is not heard within about 30 seconds, a communication problem may exist; call for service. The START EXIT TIME Function (**RESET MENU**) may then be used to manually start the exit delay, however reporting capability may be sacrificed. (If your system does not report or the ringback feature was not programmed, exit delay will start as soon as your code is entered. Also note that if an exception window is programmed, and the closing is within that window, no ringback is provided. Ask your alarm professional if this feature is enabled.)

SETTING THE ALARM (ARMING) WHEN LEAVING

Arming with Zones Bypassed

Note: Bypassing a zone leaves that zone unprotected. Temporary users should never be shown how to bypass a zone.

Security Bypass. Zones programmed for Selective Bypass may be deactivated prior to arming only if a valid code is entered. Either of the following methods may be used. **Note:** When the panel is subsequently disarmed, all bypassed zones will revert to unbypassed zones.

- From "DISPLAY STATUS" screen. At the "CHECK STATUS" display,

(1) Access the "DISPLAY STATUS" Function. The number of faulted zones will display briefly, followed by the first faulted zone. (2) Press the [BYPASS] Button to bypass the zone. (3) Press the Next Button ([INTERIOR]) 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 cancel any bypassed zone, merely press the [BYPASS] Button once again.

- From the "DIRECTORY" screen.

(1) Display the DIRECTORY. The number of zones will display briefly, followed by Zone "01". (2) Use the Next ([INTERIOR]) and Prior ([INSTANT]) 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 cancel any bypassed zone, at the zone display, merely press the

[BYPASS] Button once again.

Easy Bypass. If "Easy Bypass" has been programmed, zones may be bypassed quickly and easily as follows. Using this method, zones cannot be bypassed while the panel is armed. **Note:** This is not a high-security feature.

At the "SYSTEM READY" or "CHECK STATUS" display, enter the zone number then press the [BYPASS] Button (or vice versa). (If "Easy Bypass" is not enabled, this procedure will cause a 4-"chirp" rejection signal at the keypad, with the message "INVALID ENTRY/TRY AGAIN".)

Display the bypassed zones as follows: (1) Enter a valid User Code (if necessary), then press the [FUNCTION] Button repeatedly until "DISPLAY BYPASSED" appears. (2) Press the [ON/OFF] Button to display the bypassed zones. (3) Press the [INTERIOR] Button repeatedly to check if any other zones are bypassed. (Also refer to **PROTECTING YOURSELF WHILE ON THE PREMISES: Bypassing Interior Zones.**) When armed, the "BYPASS" reminder will display to indicate that the system is armed with one or more zones bypassed.

Priority Arming.

A 2-second tone at the keypad with "PRIORITY TROUBLE" displayed when attempting to arm indicates a priority condition; that is, either a problem exists on at least one zone that has been designated a Priority Zone or a system trouble condition exists. The trouble(s) must be corrected before the panel can be armed. To check which zone is in trouble, enter your User Code (if necessary), press the [FUNCTION] Button, then press the [ON/OFF] Button to display the zone faulted. Press the [INTERIOR] Button repeatedly to check for other faulted zones. Similarly, if "SYS TBL" is displayed with "PRIORITY TROUBLE", a priority system trouble exists which must be corrected before the panel can be armed. Display the system trouble as follows: (1) Enter your User Code (if necessary), then press the [FUNCTION] Button. (2) Press the [FUNCTION] Button repeatedly until "***DISPLAY MENU**" appears. (3) Wait about 2 seconds ("DISPLAY SYS TBL" will appear), then press the [ON/OFF] Button to display the system trouble(s). A zone programmed as a Priority Zone with Bypass (ask your installer) may be bypassed when in trouble. Display status as above; if the problem cannot be corrected immediately, press the [RESET] Button, then arm the panel. A 2-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.

TURNING OFF THE ALARM (DISARMING) WHEN RETURNING

Note: In high-security installations, only valid User Codes can access the Function Mode (optional). Not all users may have the authority to access all functions.

Burglary Zone

Upon entry through a designated exit/entry door, the red ALARM light should be on. The keypad sounder will come on as a reminder to disarm the panel. Immediately enter your User Code, then press the [ON/OFF] Button to disarm.

Alarm Indication

Note: If the red ARMED light is flashing, an alarm occurred — **PROCEED WITH CAUTION!** (If you suspect that an intruder is on the premises, call the police from a neighbor's phone.)

The display will read "ALARM" then scroll through all the violated zones. Disarm the panel; the display will read "ALARM MEMORY" and will continue to indicate the violated zones until the [RESET] Button is

pressed or until the panel is armed once again. Correct the zone condition that initiated the alarm to restore "System Ready" status. To recall the zones that were in alarm, access Alarm History as follows: (1) Enter your User Code (if necessary), then press the [FUNCTION] Button ("DISPLAY STATUS" will appear). (2) Press the [FUNCTION] Button repeatedly until "HISTORY LOGS" is displayed. (3) Wait about 2 seconds, until "ALARM EVENT LOG" is displayed, then press the [ON/OFF] Button to recall the last alarm condition.

Day Zone

A Day Zone may be used to monitor a secured exit door, foil on doors or windows, etc. A problem on this type of burglary zone will cause a "DAY ZONE TROUBLE" display and a pulsing audible alert at the keypad while disarmed. To silence the sounder, press the [RESET] Button (or arm and disarm, if so programmed). Correct the problem to reset the Day Zone.

24-Hour Zone

This zone is always armed, even if the system is disarmed. There is no keypad indication showing the status of a 24-Hour Zone, but an alarm on this zone will be recorded in the Alarm Event Log. If the detection device must be manually reset, reset it to clear the zone. If the system is subsequently armed with a 24-Hour Zone in trouble, the keypad sounder will come on momentarily to indicate that there is a problem on the zone.

Ambush

If an intruder forces you to disarm your system, enter your Ambush Code (programmed option) just prior to your regular User Code, then press the [ON/OFF] Button. This will send a silent alarm to the central station.

PROTECTING YOURSELF WHILE ON THE PREMISES

Note: In high-security installations, only valid User Codes can access the Function Mode (optional). Not all users may have the authority to access all functions.

Bypassing Interior Zones

Check that the keypad display reads "SYSTEM READY". One or two groups of zones may have been programmed as Interior Zones (check your Alarm Plan). To turn off either or both groups of Interior Zones, press the [INTERIOR] Button. ("11" will be displayed to indicate that Interior Group 1 will be bypassed from the system.) To bypass Group 2 instead, press the [INTERIOR] Button once again. "12" will display, indicating that Interior Group 2 will be bypassed. To bypass both interior groups, press [INTERIOR] once again; "11 + 12" will be displayed. Be sure to secure all exterior doors and windows, then enter your code to arm with perimeter protection.

Arming the System While on the Premises

After interior zones have been bypassed (see *Bypassing Interior Zones*, above) you may set the alarm with perimeter protection only: enter your User Code, then press the [ON/OFF] Button. The ARMED light will go on and, after the exit time has elapsed, the display will read "SYSTEM ARMED". Entry through any exterior door or window will cause an immediate alarm, except through the regular entry door, which is still subject to the usual entry delay.

Note: When the system is subsequently disarmed, bypassed interior zones will revert to regular disarmed zones.

Arming with Instant Protection

To cancel the entry delay while on the premises, merely press the [INSTANT] Button. (Exit delay will still remain in effect.) The display will now read "SYSTEM ARMED I", and opening the entry door (after exit delay has expired) will cause an instant alarm.

Note: When the system is subsequently disarmed, entry delay will be restored.

Emergency Buttons

The blue [*] Button must be pressed together with the blue [F], [A] or [P] Button to activate the optional emergency features, each of which may have been programmed by your alarm specialist to signal a central station, sound an audible alarm, or both:

- [*] + [F] = Fire Emergency
- [*] + [A] = Auxiliary Emergency
- [*] + [P] = Police Emergency

Note: The emergency signal will only be activated when both of the pair of buttons are pressed at the same time. Check with your installer to see if any of the emergency buttons have been disabled.

Area Arming

Overview Mode. In a partitioned system, one or more areas may be armed while others

remain disarmed using a Level-3 User Code with the Overview option enabled. In the Overview Mode (see *KEYPAD FUNCTIONS: ↔SUPERVISORY↔ Menu*), any area displaying "R" (Area Ready) may be armed as follows:
(1) Press the numerical key representing the area number. (2) Press the [*] Button. (3) Enter a Level-3 User Code with Overview Option (the code must be valid in all areas.)

Similarly, any area displaying "A" (area armed) may be disarmed as above.

To arm all "Area Ready" areas simultaneously (except the "home" area), press [9], [*], then enter your code. Similarly, all "Area Armed" areas may be simultaneously disarmed by entering [0], [*], and your code.

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.) As above, to arm any area, (1) Press the numerical key representing the area number. (2) Press the [*] Button. (3) Enter your code (the code must be valid in all areas.)

To arm all areas simultaneously (including the "home" area), press [9], [*], then enter your code. If any zone is not secured, the keypad will display "CAN'T ARM SYSTEM / AREA # IN TROUBLE", where "#" identifies the area number. To disarm all areas, press [0], [*], then enter your code.

FIRE PROTECTION

This information is applicable only where local ordinance permits use of this alarm control panel for fire protection.

Note: In high-security installations, only valid User Codes can access the Function Mode (optional). Not all users may have the authority to access all functions.

Fire-Zone Alarm

If a fire alarm is detected, "FIRE ALARM" will be displayed and the keypad sounder will pulse. If a fire is in progress, evacuate the premises immediately! If necessary, call the Fire Department from an outside phone. If there is no evidence of a fire, enter your code to turn off the alarm (it may have been programmed to shut off automatically after a

preset time). Press the [RESET] Button to silence the keypad sounder. After the alarm condition is restored, pressing the [RESET] Button again will reset the keypad within about 10 seconds.

Display Fire-Zone alarms as follows: Enter a valid User Code (if necessary), then press the [FUNCTION] Button ("DISPLAY STATUS" will appear). Press the [FUNCTION] Button repeatedly until "**DISPLAY MENU**" appears. Wait about 2 seconds for "DISPLAY SYS TBL" to display, then press the [FUNCTION] Button ("DISPLAY FIRE ALM" will appear). Press the [ON/OFF] Button to display Fire-Zone alarms.

Fire-Zone Trouble

If a break in the wiring is detected, "FIRE TROUBLE" will be displayed and the sounder will pulse. Press the [RESET] Button to silence the sounder, then call for service.

Commercial-Fire Installations

Important: In Commercial Fire systems, any keypad display preceded by "FBS" is an indication that the fire bell has been silenced but the Fire Zone has not been reset.

In Commercial-Fire systems wherein fire keypads are not used, only high-authority users (Level 2 or higher) can silence the fire bell. Furthermore, reset functions must be preceded by a valid code entry; that is, (a) enter your code then (b) press [RESET].

LIMITATIONS OF FIRE ALARM WARNING SYSTEMS

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.
- Fire often causes 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.

FIRE PROTECTION

Preparing a Fire Escape Plan

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

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

Family Rehearsal. Rehearse each of the following activities:

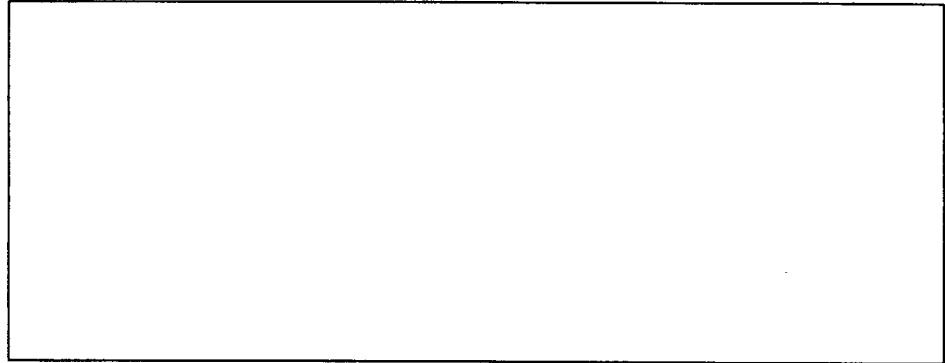
1. Everyone in his room with the doors closed.
2. One person sounds the alarm.
3. Each person tests his door.
4. Pretend the door is hot and use the alternate escape exit.
5. Everyone meets outdoors at the assigned spot.

FLOOR PLAN

Important! — Read Carefully.

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

1. In a residence, sleep with the bedroom



Draw floorplan of premises in space above.

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.

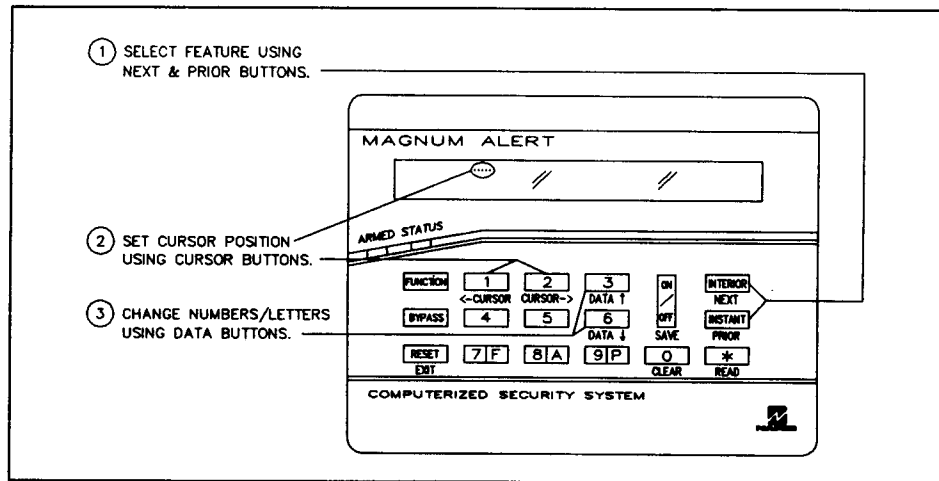
PROGRAMMING (Optional)

The Program Mode (optional) is used to customize User Codes, Exit/Entry Times and Zone Descriptions to your specific needs. Access to the Program Mode requires a special User Code, therefore not all users may have the ability to make programming changes.

Note: (1) If the system contains more than one keypad, only the keypad designated "No. 1" may be used for programming (if in doubt which is No. 1, ask your installer). (2) Operation of the keypad buttons in the Program Mode is different from that for normal operation. Refer to the accompanying diagram for keypad functions in the Program Mode. (3) In Commercial Fire systems, the program may be viewed at the keypad, but not altered. (4) While in the Program Mode, the ARMED and STATUS lights remain off and burglar and fire alarm functions are disabled. (5) If the keypad detects no activity in the Program Mode for more than 4 minutes, a tone will sound; to silence the tone, press any button. (6) The programmed code, time, or description will not be permanently stored until you press the Save Button ([ON/OFF]). (7) To exit the Program Mode, press the [RESET] Button.

The User Program Mode is accessed from the Function Mode as follows:

1. Enter a Level-3 User Code (with Program-Mode Option), then press the [FUNCTION] Button ("DISPLAY STATUS" will appear).
2. Press the [BYPASS] Button repeatedly until "ACTIVATE PROGRAM" is displayed,



Keypad Functions, Program Mode.

then press the [ON/OFF] Button.

Use Keys [1] and [2] to move the display cursor (position indicator) right and left, respectively; use Keys [3] and [6] to scroll up and down through the numbers, letters, etc. Key [0] will clear the character at the cursor. Press the Next Button ([INTERIOR]) to advance to the next display line (hold button down for fast reverse); press the Prior Button ([INSTANT]) to go back to the previous line

(hold button down for fast reverse).

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". 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

PROGRAMMING (Optional)

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, AUTHORITY LEVELS AND ACCESS BYTES. Up to 96 User Codes may be programmed, each with an associated Option Code, Authority Level and Access Byte. The **Option Code** provides additional special functions; the **Authority Level** determines the degree of access to the system that the user is afforded. The **Access Byte** is used only for Remote Access Control; it identifies which of up to 8 keypad-controlled doors (Keypads 1-8 only) the user will be able to unlock for a 5-second entry period. **Note:** If the Access Byte is programmed for any user code, that code will no longer function as an Arm/Disarm Code.

Do not attempt to program a code containing blank spaces—it won't work! In selecting your codes, do not program repetitive numbers (1,1,1,1), consecutive numbers (1,2,3,4), your birth date, address, or other obvious combinations.

The first code entered (U01 123 ● ● ● -E3- ● ●) should replace the default code (1,2,3), which, for security reasons, may not be selected as a User Code. (Authority Level "E-

3" indicates all four options selected; Level-3 Authority.) Enter up to six digits (a minimum of four is recommended, and required in UL installations) with a related Option Code, Authority Level and, if necessary, Access byte as follows:

Option* Code	Authority Level**	Access-Keypad Number(s)*			
● None	● 0	● -	● -	● -	● -
1 Guard Tour	1 1	1 5	1 1	1 1	1 1
2 Program Mode	2 2	2 6	2 2	2 2	2 2
4 Enable Bypass	3 3	4 7	4 3	4 3	4 3
8 Enable Overview		8 8	8 4	8 4	8 4

*Program sum of desired options/keypads. For 2-digit sums, enter 0, B, C, D, E, or F for "10" through "15", respectively.

**For "Arm-Only" Code, add "4"; for "Service" Code, add "8".

To advance to the next User Code (or to any other User Code for that matter) position the cursor over the displayed user number (i.e., "01" using Keys [1] and [2] and change the

number using Keys [3] and [6]. Program the code, with Authority Level, then press the Save ([ON/OFF]) Button. Advance to the next code and repeat until all codes (up to 96) have been programmed.

Explanation of Authority Levels

No Authority: Arm/disarm only; no functions.

Level 1. Arm/disarm; Display Status, Zones Bypassed, Directory; Bell Test; System Troubles; Fire Alarm; Fire Trouble; Sensor Activity; Activate Chime; Start Exit Delay.

Level 2. All Level-1 Authority plus: Autoarm Delay; Watch Mode, Guard Tour.

Level 3. All Level-2 Authority plus: Reset Sensor Message; Fault Find; Locate; Alarm Event Log; Total Event Log; Fire Event Log; Opening/Closing Event Log; System Event Log; Telephone List; Program (requires Program Option); Display Opening/Closing Schedule; Downloading; Overview (requires Overview Option).

Note: To change a code, simply program the new code over the existing one, then press the Save ([ON/OFF]) Button. (It is recommended that you change your code from the installed code.) To void a code, blank out each number using the Blank Button (Key [5]), then press the Save ([ON/OFF]) Button.

PROGRAMMING (Optional)

Arm-Only Code. An Arm-Only Code can only be used to arm the system; it never has any disarm capability. This code may be programmed as a one- or two-digit code for the purposes of quick arming. Program as a regular User Code and add "4" to the selected Authority Level.

Service Code. The Service Code, intended for the occasional or temporary user (maid, babysitter, etc.) who would otherwise be denied access to the premises, is activated by arming with it. An "S" will appear in the display after exit-delay countdown, indicating that the Service Code has been activated. It may then be used to arm and disarm just as any other User Code, however it will automatically be deactivated the next time any other User Code is used to disarm, and it will remain dormant until it is once again used to arm. Thus, the Service Code can always arm the system, but can only disarm if activated.

Program as a regular User Code and add "8" to the selected Authority Level.

PANEL ACCESS CODE. A six-digit code used to activate a door strike (to remotely unlock a door) while disarmed. Program as any User Code, but without an accompanying Authority Level.

AMBUSH CODE. A one- or 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 memorize it.

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 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. In normal operation, the second line will be displayed when the [*] Key is held down for about two seconds. This feature may be used to display a primary message (e.g. "01-SHIP-PING DEPT"), with a follow-up secondary message (e.g. "BAY DOOR #3").

PROGRAMMING (Optional)

PROGRAMMING EXAMPLE

Example. Program User 1's Code, "3,7,8,4", with User Program and Bypass options and Level-3 Authority; no Remote Access.

1. Select the Program Mode:

(a) Enter a Level-3 User Code (with Program Mode Option), then press the [FUNCTION] Button ("DISPLAY STATUS" will appear).

(b) Press the [BYPASS] Button until "ACTIVATE PROGRAM" is displayed. Press the [ON/OFF] Button. The display will briefly read "PROGRAM1 #XXXX", then "EXIT TIME (XXX)".

(c) Press the [INTERIOR] Button until "U01 123 ● ● ● -E3- ● ●" is displayed, representing the default User Code, Option Code, Authority Level and Access 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 the third and fourth digits until the display reads "3784 ● ● - ● ● - ● ●".

6. Position the cursor over the Option Code. From the foregoing table, add the Program

Option (2) plus the Bypass Option (4) and program a "6" as the Option Code.

7. Position the cursor over the Authority Level. From the foregoing table, program a "3" as the "Level-3" Authority Level. 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 and its associated Option Code, Authority Level and Access Byte.

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

KEYPAD MESSAGES

The keypad can display the following functional messages. (Programming displays are shown in the Programming section.) Other diagnostic messages are available for the installer or servicer. Should any unfamiliar message appear, call your dealer for service.

SYSTEM READY CW - All zones operating; system can be armed. If displayed, **C** denotes Chime Mode on; **W** denotes Watch Mode on.

PLEASE WAIT - Panel reporting to central station on arming. Wait for ringback signal before exiting.

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

ENTRY TIME XXX - Entry delay in progress. **XXX** shows entry time remaining.

SYSTEM ARMED SI - Panel armed. **S** and **I** indications as previously noted.

CHECK STATUS CW - Trouble condition. Display status to identify zone(s). **C** and **W** indications as previously noted.

PRIORITY TRBL - Arming attempted with Priority Zone in trouble. Display status. Correct trouble to arm.

DAY ZONE TRBL - Trouble condition on Day Zone (followed by one or more zone descrip-

tions). Press [RESET] to silence sounder.

ALARM - Alarm condition, followed by zone description(s).

FIRE TROUBLE - Trouble condition on Fire Zone. Press [RESET] to silence sounder. Correct trouble or call for service.

FIRE - Alarm condition on Fire Zone. Press [RESET] to silence sounder. Evacuate premises or correct cause of alarm.

FBS FAULT - (Commercial Fire systems only) Fire bell silenced, Fire Zone not reset; Burglary Zone not secured.

FBS READY - (Commercial Fire systems only) Fire bell silenced, Fire Zone not reset; zones secured.

FBS ARMED - (Commercial Fire systems only) Fire bell silenced, Fire Zone not reset; system armed.

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

CODE DENIED/INCORRECT AREA - Code not valid for area.

CODE DENIED/INCORRECT TIME - Code not valid for programmed time window.

INVALID ENTRY/TRY AGAIN - Wrong code entered; "Easy Bypass" not enabled.

CAN'T ARM SYSTEM/AREA # IN TROUBLE

- In Manager's Mode, arming prevented due to unsecured zone. "*" indicates number of area containing zone in trouble.

SYSTEM TROUBLE - Indicates problem(s) detected on system (see below).

LOW BATTERY - Battery weak. If not recharged within 24 hours, replace.

AC POWER LOSS - Check power transformer. Check for blown fuse or circuit breaker; general power outage.

FAIL TO COMM - Communication failure to central station.

SENSOR FAILURE - Lack of sensor activity detected. Reset using RESET SENSOR MESSAGE function.

CHECK TROUBLE - System trouble exists. (After trouble is checked, system may be armed within 5 minutes.)

OV(R——) - Overview Mode. Shows status of up to 8 areas.

ENTER NOW - Remote-access keypad unlocked for 5 seconds.

FAULT FIND - Fault-Find Mode activated; press [RESET] Button.

LOCATE Locate Mode activated; press [RESET] Button.

NAPCO LIMITED WARRANTY

NAPCO SECURITY SYSTEMS, INC. (NAPCO) warrants its products to be free from manufacturing defects in materials and workmanship for fifteen 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.

In case of defect, contact the security professional who installed and maintains your security system. 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.

In order to exercise the warranty, the product must be returned by the user or purchaser, shipping costs prepaid and insured to NAPCO. After repair or replacement, NAPCO assumes the cost of returning products under warranty.

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.

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.

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

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. If the user wishes to protect itself to a greater extent, NAPCO will, at user's sole cost and expense, obtain an insurance policy to protect the user, supplemental to user's own policy, at a premium to be determined by NAPCO's insurer upon written notice from user by Certified Mail, Return Receipt Requested, to NAPCO's home office address, and upon payment of the annual premium cost by user.

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.

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.

Napco Security Systems, 333 Bayview Avenue, Amityville, NY 11701

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