



NetworX™ Series

NX-1248E LCD keypad

User manual

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INTRODUCTION

This manual is furnished to help you understand your security system and become proficient in its operation. All users of your security system should read and follow the instructions in this booklet and, if possible, practice on the keypad control while your professional installer is on site. Failure to do so could result in the security system not working properly. Please keep this booklet in an accessible location for the life of the security system. If you do not understand any part of this manual you should notify your installing company.

The SECURITY CONTROL can be turned on (ARMED) and off (DISARMED) by entering a 4 or 6 digit code into the Keypad Control, which is similar to a telephone keypad. If your Security Control has been so programmed, you may be able to turn on (ARM) your System by simply double pressing the [AWAY], [STAY] or [NIGHT] key. The system must always be disarmed using a 4 or 6 digit code.

The LCD keypad includes 4 lights and a 32-character liquid crystal display and a built-in electronic sounder. These provide specific information relating to the status of the security system, which is described in the booklet. Understanding what the lights and sounds mean will help you to easily operate your system.

Keep in mind, the level of security you will obtain with this system relates specifically with two major factors:

1. The quantity, quality and placement of security devices attached to this system.
2. The knowledge you have of the security system and how that knowledge is utilized in a weekly test of the complete system.

You should be aware of the following facts when preparing a safety/security plan for your home/business:

1. Your security system is an electronic device and is subject to failure or malfunction. Do not rely on it as your single source of security.
2. Your system should be tested weekly.
3. Your system will not work without power.
4. Warning devices will need to be loud enough, wired correctly, and properly placed to provide notification of an alarm event.
5. Smoke and heat detectors may not detect heat and smoke in all situations.
6. Use qualified security professionals to install and maintain your security system.
7. It may be possible to arm the security system without the backup battery connected. Your periodic test should be done with AC Power removed to verify the battery is connected and adequately charged.
8. Care should be taken to plug in and restrain the AC transformer after testing.

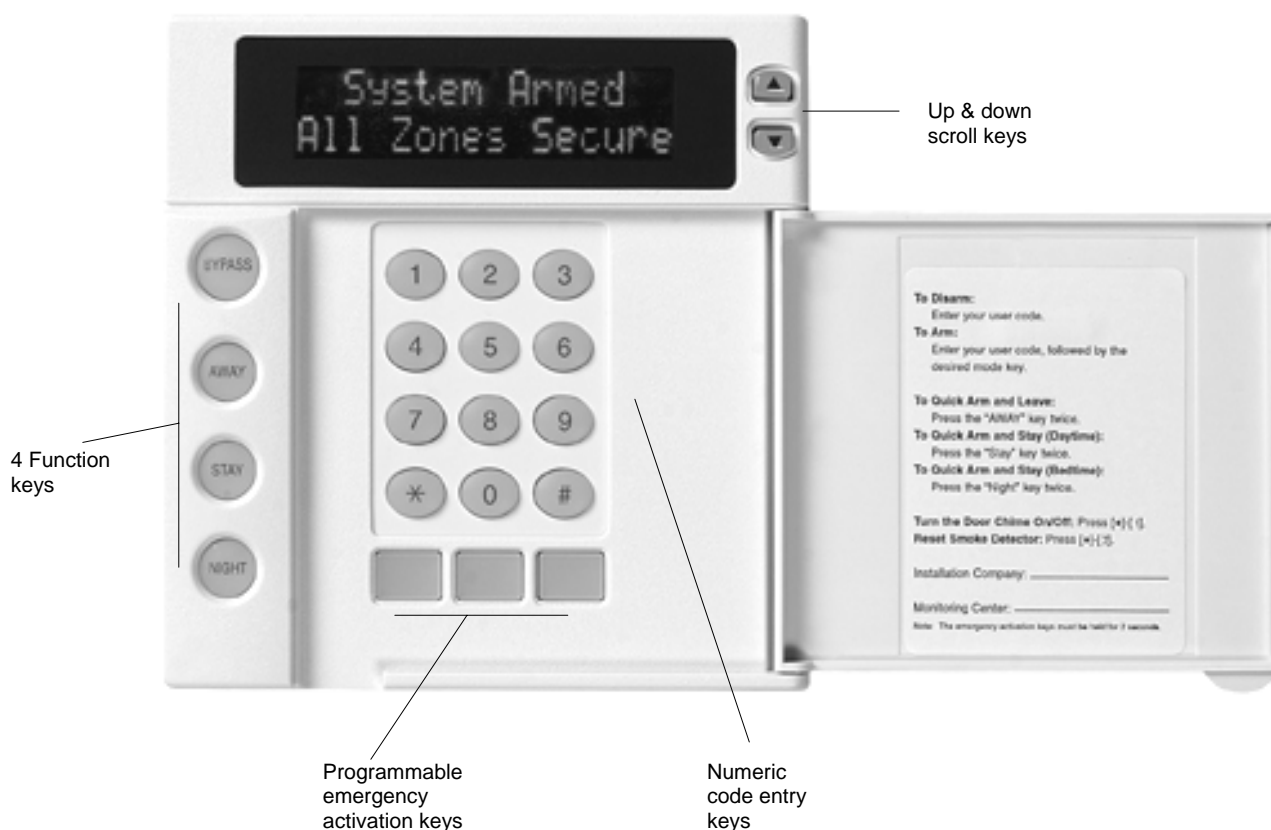
Please read the following information and instructions carefully before operating your security control system.

GLOSSARY OF TERMS

Abort Delay	An option that allows a delay in reporting to the central station.
Authority Level	The level of access an individual has when using an alarm panel.
Central Station	The location where alarm data is sent during an alarm report.
Chime Feature	An option that allows the keypad to sound a ding-dong whenever an entry/exit door is opened.
Codes	Can be either User Codes (relating to a person) or Function Codes (a toggle switch to turn specific functions on/off). NOTE: A system may have either four-digit codes or six-digit codes, but not a mixture of the two.
Duress Code	An option that allows a special code to be sent to the central station that indicates the alarm system is being operated under duress.
Forced Arming	An option that allows the system to be turned on (ARMED) with one or more zones open. A system that is ready to be "force armed" will flash the entire message, "System Not Ready, For Help press →" NOTE: Those zones that are not ready will not create an alarm.
Function Code	A Function Code is either a four (4) or six (6) digit code that has been programmed by the installer to operate a device.
Group Bypass	An option that allows the user to bypass multiple zones with a single operation.
Instant/Delay	An option that allows an instant alarm condition for Entry/Exit doors, or grants a delay to allow someone to enter/exit the building without an alarm, or before entering a user code to disarm.
Master Code	A master arm/disarm code that can program other user codes.
Partitioned System	A system divided into multiple areas in which its own user or users control each area.
Perimeter	The outer edge of the protected area.
Quick Arm	An option that allows you to turn on (ARM) the security system by double pressing either the [AWAY] , [STAY] , or [NIGHT] key on the keypad (for ARMING only) as programmed by the installing company.
User Code	A four (4) or six (6) digit entry code used to arm or disarm the system.

KEYPAD DISPLAY & LED's

Understanding the lighted keys



- AWAY Lighted key** The *AWAY lighted key* is "on" when the system is armed. The *AWAY lighted key* is "off" when it is disarmed. The *AWAY lighted key* will flash when there has been an alarm during the previous arm cycle.
- STAY Lighted key** The *STAY lighted key* is "on" when the system is armed. The *stay light* is illuminated when all interior zones are bypassed. The *STAY lighted key* is "off" when it is disarmed. The *STAY lighted key* will flash when there has been an alarm during the previous arm cycle.
- NIGHT Lighted key** The *NIGHT lighted key* is "on" when the system is armed. The *NIGHT lighted key* is "off" when it is disarmed. The *NIGHT lighted key* will flash when there has been an alarm during the previous arm cycle.
- BYPASS Lighted key** The *BYPASS lighted key* is "on" when any zone in this keypad's partition is bypassed. If the *BYPASS lighted key* is "off", no zones are bypassed.

Instant Message The LCD display will read “Instant” when the entry/exit door(s) have no delay. (See “Arming System in Stay Mode”) The doors can be changed from instant to delay (toggled) by pressing the [STAY] key when the system is armed.

EMERGENCY ACTIVATION KEYS



Fire



Auxiliary Emergency



Police

NOTES: You must hold these keys for 2 seconds to activate these functions. Your system may not be programmed for these activation keys. You should press these keys only in an emergency situation that requires response by emergency personnel. If your system is programmed for these functions, the following reports can be sent.

Fire Key – This key can activate the fire alarm when pressed for two seconds. If your system is connected to a monitoring center, an emergency report could be sent to that center.

Auxiliary Emergency Key – This key can activate the auxiliary alarm when pressed for two seconds. If your system is connected to a monitoring center, an emergency report could be sent to that center.

Police (Panic/Hold-Up) Key - This key can sound a local audible alarm when pressed for two seconds. If your system is connected to a monitoring center, an emergency report could be transmitted to that center. NOTE: Some Panic/Hold-Up alarms are programmed to be silent at the protected site while reporting an alarm to the monitoring center. Check with your installing company to determine how your security system will respond to the Panic/Hold-Up activation.

KEYPAD FUNCTIONS

Arming your system in the “AWAY” mode

AWAY is utilized when the user is going away from the premise and wants the interior protected. Listed below are the steps to arm in the AWAY Mode:

Step 1 Close all protected doors and windows.

- The *System Ready* message will be displayed when all protected zones and sensors are secure **NOTE: If any zones are bypassed, a sensor in that zone can be violated without affecting the ready light.**

System Ready
Type Code to Arm

- The security system will not arm if the *System Not Ready* message is displayed. It can be force armed if the entire *System Not Ready* message is flashing. Refer to the following section, "Making Your System Ready to Arm".

System Not Ready
For help, press →

- If the “*Service Required*” message is alternately displayed, you may not have AC power. Restore power if possible. If not, contact the installing company.

Step 2 Enter your 4 or 6 digit user code to arm the system.

- The [AWAY] key will illuminate steady. The [STAY] and [NIGHT] keys will flash during the exit delay.
- You may now leave the building.

System Armed
All Zones Secure

IMPORTANT!

The keypad tones will accelerate during the last 10 seconds of the exit delay. The user may wish to disarm and re-arm the system if more time is needed.

Making the system ready to arm

If the *System Ready* message is not displayed, a zone is not secure. To identify this zone, press [▲] [▼] to the right of the display to browse through the zones that are not normal. If you wish to bypass or unbypass one of these zones, press [BYPASS] while that zone is being displayed. When finished viewing the zones, press [#] to return to the code entry screen.

Arming your system in the “STAY mode”

STAY is utilized when the user is inside the premise and wants protection around the perimeter. The steps to arm in the STAY Mode are as follows:

- Step 1 Close all protected doors and windows.
- The *System Ready* message will be displayed when all protected zones and sensors are secure. **NOTE: If any zones are bypassed, a sensor in that zone can be violated without affecting the ready light.**
 - The security system will not arm if the *System Not Ready* message is displayed. It can be force armed if the entire *System Not Ready* message is flashing. Refer to the following section, "Making Your System Ready to Arm".
 - If the *Service Required* message is alternated displayed, you may not have AC power. Restore power if possible. If not, contact the installing company.
- System Ready
Type Code to Arm**
- Step 2 Enter your 4 or 6 digit user code. (Optional, if programmed.)
- If “Auto Bypass” is enabled, all interior zones will be bypassed if you do not leave through a designated entry/exit door. If Auto Bypass is enabled, omit Step 3.
 - When “Auto Instant” is enabled, if you do not leave through a designated entry/exit door, the display will read “*Instant*”, indicating that the entry/exit doors no longer have an entry delay. If “Auto Instant” is enabled, omit Step 4.
- Step 3 Press the **[STAY]** key.
- The **[STAY]** key will illuminate indicating that all interior zones are bypassed. (All interior devices will bypass automatically, giving the user freedom of movement within the interior area.)
 - The **[BYPASS]** key will illuminate if any zone(s) are bypassed. If any zone(s) have been bypassed previously by the user, the light(s) corresponding to the bypassed zone(s) will illuminate, alerting the user that a zone(s) may be unprotected and can be faulted without an alarm.
- Step 4 To toggle between the STAY and NIGHT mode, double press the key corresponding to the mode you desire.
- Step 5 To upgrade from the STAY or NIGHT mode to the AWAY mode, double press **[AWAY]**.
Note: Once the AWAY mode is activated, the system must be disarmed to revert to the STAY or NIGHT mode.
- The LCD display will read “Instant” meaning the entry/exit doors do **NOT** have an entry delay.
- System Armed
Instant**

Using the Quick Arm (optional)

The Quick Arm feature may be used if it is enabled. Quick Arm will allow the user to arm the security system in the AWAY / STAY / NIGHT modes by pressing the corresponding **[AWAY]**, **[STAY]**, **[NIGHT]** key twice. This feature is used for ARMING ONLY, and will not disarm the security system. This is ideal for a maid or baby sitter, etc.

Changing modes while system armed (optional)

Double pressing the [AWAY], [STAY], or [NIGHT] key will change to the corresponding mode. Once the AWAY mode is entered, the system must be disarmed to change modes.

IMPORTANT!

The *instant message* needs to be off if you plan on re-entering the building, otherwise you will create an alarm. You may re-initiate an entry/exit delay by pressing the [STAY] key again. The *instant message* will go out.

Disarming the system

When you enter the protected area through one of the designated Entry/Exit doors, the keypad control will sound a continuous tone for the duration of the entry delay time, or until you enter a valid code.

- Enter a valid user code.
- The currently armed key [AWAY], [STAY], or [NIGHT] will go off and the tone will stop. The security system is now DISARMED. If a valid code is not entered before the end of the entry delay, an alarm will occur.

**Type code to
Disarm**

NOTE: If the [AWAY], [STAY], or [NIGHT] keys are all flashing during the entry delay, the alarm system has been activated in your absence. Leave the building immediately and call your alarm company and/or the police from a safe location.

CANCEL / ABORT feature (optional)

Entering a user code during an alarm report to the central station will stop the communication of all abortable reports. **NOTE: The abort feature must be enabled.**

Entering a user code after an alarm report to the central station will send an appending report to the central station after the cancel report. **NOTE: The cancel feature must be enabled**

Bypassing zones

If you wish to bypass one or more zones, this must be done while the system is in the disarmed state. If the zone is not known, refer to Procedure 2.

Procedure #1: If you know the number of the zone to bypass, use the following steps:

- Step 1 Press the **[BYPASS]** key.
- Step 2 When the LCD prompts for a code (optional, if programmed), enter your user code.
- Step 3 The bypass light flashes.
- Step 4 Enter the zone number (each time 2 digits) of the zone(s) that must be bypassed.
(Example: to bypass zones 4 en 5, press [0][4][0][5].)
- Step 5 Press the **[BYPASS]** key again. The zone is now bypassed.
- Step 6 Repeat steps 4 and 5 for any other zone(s) that need to be bypassed.
- Step 7 Press **[BYPASS]** again OR press **[#]** to exit the Bypass Mode. The *bypass light* will stop flashing upon exiting the Bypass Mode. Pressing **[▲]** or **[▼]** will display all bypassed zones. Press **[#]** to exit this viewing mode.

Procedure #2: If you do not know the number of the zone you wish to bypass, use the following steps:

- Step 1 Press **[*]** **[▲]**. The description for zone 1 will be displayed.
- Step 2 Use the **[▲]****[▼]** scroll keys to browse through the custom descriptions for the zones in this system.
- Step 3 To bypass or unbypass a specific zone, press the **[BYPASS]** key while that zone is displayed.
- Step 4 When finished, press the **[#]** key to return to the code entry screen.

NOTE: All zones will automatically be unbypassed each time the system is disarmed.

Group bypass

- Step 1 Press the **[BYPASS]** key.
- Step 2 When the LCD prompts for a code (optional, if programmed), enter your user code.
- Step 3 The bypass light flashes.
- Step 4 Press **[0][0]**.
- Step 5 Press the **[BYPASS]** key again.
- Step 6 The *bypass light* will stop flashing and will illuminate.
- Step 7 Pressing the **[▲]** **[▼]** scroll keys will display all bypassed zones.
Press the **[#]** key to exit this viewing mode.

NOTE: All zones will automatically be unbypassed each time the system is disarmed.

Unbypassing

- Step 1 Press the **[BYPASS]** key.
- Step 2 When the LCD prompts for a code (optional, if programmed), enter your user code.
- Step 3 The bypass light flashes.
- Step 4 Enter the zone number (each time 2 digits) of the zone(s) that must be unbypassed. (Example: to bypass zones 4 en 5, press [0][4][0][5].)
- Step 5 Press the **[BYPASS]** key again.
- Step 6 The *bypass light* will stop flashing.

NOTE: All zones will automatically be unbypassed each time the system is disarmed.

ADDING AND CHANGING USER CODES

Your system must be **Disarmed** to add/change user codes.

- Step 1 Press **[*]-[5]**
- Step 2 Enter a "Master Arm/Disarm Code".
NOTE: For partitioned systems, someone changing the code of another person must have access to all or more partitions than the user being changed.
- Step 3 Enter the 2 digit (applies to NX4/6/8) or 3 digit (applies to NX8E) "user number" (always enter 2 digit such as **[0] - [3]** for user 3, or **[1] - [0] - [0]** for user 100).

The LCD keypad will display the current code for this user. Stars (*) represent blanks.
Note: To delete a user code, press four times (for a 4-digit code), or six times (for a 6-digit code) the **[Cancel]** key.
- Step 4 Enter the new four (4) or six (6) digit "user code". If you are changing the current code, you may use the up and down scroll keys to select the digit to change and enter the correct number. If it rejects the code because of duplication or such, the sounder will beep 3 times.
- Step 5 If another "user code" needs to be programmed, return to Step 3.
- Step 6 Press the **[#]** key while the *ready light* is flashing to exit the User Code Programming Mode.

ASSIGNING USER CODE AUTHORITY LEVELS

Assign authority levels to users by following the steps below. Assign user codes before assigning authority levels. Your system must be in the disarmed state to change user code authority levels.

Step 1 Press [*]-[6].

Step 2 Enter a ["Master Arm/Disarm Code"].
NOTE: Someone changing the authority of another person can only add or remove partition authorization for partitions to which they have access.

Step 3 Enter the 2-digit (applies to NX4/6/8) or 3-digit (applies to NX8E) user number. Always use leading zeros when necessary, i.e. "004" for user number 4.

Step 4 The LCD will now prompt you for the attributes in the following chart :

PROMPT	
Outputs used?	DO NOT CHANGE THIS SEGMENT!
Open / Close Rprt? Bypass enable? Arm / Disarm?	(These are for use by a professional installer only.)
Master code? Sched arm only? Arm only? Reserved	0=No 1=Yes Your keypress will apply to the user code you entered in Step 3.
Output 4 ? Output 3 ? Output 2 ? Output 1 ?	If these messages appear on the LCD screen, press the [*] key until you return to the prompt for the user code or until you exit this adjust mode.

Step 5 **NOTE:** The LCD will now display all of the partitions to which this user has access. If you wish to remove a partition, press the partition number on the keypad, and the display will mark that partition with a (-) hyphen indicating access has been removed. If you wish to re-establish user access to the partition, press the partition number again.

Step 6 Press [*] to save the data. The LCD will then prompt you for the next user code.

Step 7 If another user code needs to be programmed, return to Step 3. If not, press [#] to exit this feature without saving the data.

OTHER KEYPAD FUNCTIONS

User menu

The LCD keypads /displays have a bilingual user's interface. As a result, you can simply select a user's function on the menu. You can consult the menu by entering the **[*]** key.

To select a user's function following steps have to be performed.

Step 1 Enter the **[*]** key. The display will now begin scrolling through a list of functions and the corresponding numbers associated with those functions.

ex.

Select an option
90 = journal

Step 2 To select the option, you must press the key with the number next to the option (ex. Consulting Log Review = option 90)

If you already know the option (ex. Log Review= 90) you can immediately select the wanted option by pressing the **[*] [9] [0]** keys. By doing this you don't have to browse through the user's menu.

The following list of menu selections will scroll automatically.

NOTE: Some of the functions are not listed because they are installer level functions. Each time the **[*]** key is pressed the next menu item will be displayed. To exit the user's menu, press the **[#]** key.

Option	Description English (1)
▲ ▼	Zone Review
0	Set Tone
1	Master Mode
2	Service Check
3	Alarm Memory
41	Telephone # 1
42	Telephone # 2
43	Telephone # 3
44	Test
45	Display test
46	Light Control
49	English (2)
5	User PIN
6	User Authority
7	Detector Reset
90	Log Review
91	View Settings
97	Set Date/Time
Chime	Walktest
EXIT	Silent Exit

View zone status

- Step 1 Enter the **[*]** key followed by the **[^]** key. The LCD Screen will display the zone status.
- Step 2 Use the up and down scroll keys **[^]****[v]** to browse through the descriptions. The LCD Screen will display the list of all zones in sequential order by zone number.
- Step 3 Press **[#]** to exit this function.

Setting the keypad tone

- Step 1 Press the **[*]** key followed by the **[0]** key.
Keypad is now in the "Adjust Tone" mode.
- Step 2 Press the **[^]** up scroll key located on the right side of the display to make the keypad sounder go to higher tones.
- Step 3 Press the **[v]** down scroll key to make the keypad sounder adjust to lower tones.
- Step 4 When the desired tone is reached, press the **[#]** key to set this tone and exit from the "Adjust Tone" mode.



View alarm memory

- Step 1 Press the **[*]** followed by the **[3]** key to display the zone(s) on the keypad that created the last alarm.
- Step 2 The LCD Screen will display the zone description for those zones.
- Step 3 Press **[#]** to exit the alarm memory.



Programming phone numbers (optional)

If private reporting (voice or siren tone) is enabled, up to 3 phone numbers can be programmed or changed. A telephone number towards a central monitoring station cannot be changed or reviewed.

- Step 1 Disarm the system if it is not already disarmed.
- Step 2 Press the **[*]** key followed by :
[4] [1] to program/change telephone number 1
[4] [2] to program/change telephone number 2
[4] [3] to program/change telephone number 3
- Step 3 The LCD display will prompt you for a code. Enter a master code. If the number cannot be changed, the keypad sounder will produce 3 short beeps.

Step 4 The LCD display will prompt you for a new phone number.

Enter the phone number

Enter phone num.
EEEEEEEEEEEEEEEEEE

Note : - empty location are shown as a "E". In order to delete a number, you just program all "E"s. This is done with the **[bypass]** key.
- with the "*" key, the cursor can be shifted to the right without changing the telephone number.

Step 5 When finished, press the [#] key to leave this program mode.

Test function (optional)

If programmed, this function will perform a battery test, communicator test, and/or a siren test.

Step 1 Press **[*] [4] [4]**. The test will be performed as programmed.

Step 2 If the siren test is performed, enter a user code to silence the siren.

No alarms will be sent and no reports will be sent unless a communicator test is performed, at which time a test signal will be sent.

Display test

The keyboard also provides a testfunction by the means of which the LCD display and all LED's are tested.

Step 1 Press **[*] [4] [5]**. The test will be performed and all of the LCD pixels and LED indicators will flash.

Step 2 Press the [#] key to leave the display test.

Light control for X-10 Devices (optional)

This menu allows you to control up to ten X-10 devices from each keypad.

Step 1 Press **[*] [4] [5]**. The LCD screen will prompt you to "Select Light Number 0 - 9".

Step 2 Enter the number of the X-10 device you want to control. The LCD screen will show the light number on the left. On the right side of the display it will prompt you to turn the light (X-10 device) "On" or "Off".

Step 3 Press the **[▼]** key to turn the X-10 device "On" or press the **[▲]** key to turn the X-10 device "Off".

Step 4 The LCD screen will again prompt you to "Select Light Number 0 - 9".

Step 5 Repeat Steps 2 and 3 until complete.

Step 6 Press the [#] key to exit from the X-10 menu.

Change languages

This function allows you to switch between the two languages programmed in your keypad.

NOTE: You must exit any other function mode before attempting to change languages.

Step 1 Press **[*] [4] [9]**. The LCD display switches to the other language.

Step 2 To switch back to the other language, only step 1 has to be repeated.

Detector reset function

This function is used to reset Smoke Detectors and Zone Troubles. Your system must be **Disarmed** to use the Reset function.

Step 1 Press **[*]-[7]**. Resets have now been performed. The FIRE light will go off if the smoke detectors have been reset.

Step 2 If the keypad begins beeping, the reset did not execute properly. Enter your code to silence the keypad. Wait a few minutes and repeat step 2 to attempt another reset. If the keypad still beeps after repeated attempts, please contact your installer.

Reading the event log

The control panel has an event log that can be retrieved using a master code. This log contains a listing of the events along with date, time, and partition where the event occurred. An overview of possible events can be found in Appendix A of this manual.

Step 1 To view the log, press **[*] [9][0]**. The LCD screen will prompt you for a code.

Step 2 Enter your **[master code]**. The LCD screen will now show the most recent event.

Step 3 To view the events from most recent to the oldest, press the **[▼]** down scroll key.

Step 4 To view the events from the oldest to the newest, press the **[▲]** up scroll key.

The display contains the following information.

Event	Open	75	→	User or Zone ID
Date	9/25	17:57	P3*	Indicates partition
(Month/Day)				and [*] indicates an event not reported
		↗Time shown in		
		24 hour format		

This screen shows an opening of Partition 3 on September 25th at 5:27 p.m. by user 75. The **[*]** shows that this event is not programmed to be reported to the central monitoring station.

Adjusting the view/brightness of the LCD

- Step 1 Enter **[*][9][1]**. The LCD Screen will prompt for a code.
- Step 2 Enter **[master code]**. The LCD will now prompt you to raise or lower the view.
- Step 3 Using the **[*][9][1]** scroll keys to the right of the LCD, you can raise the text or lower the text.
- Step 4 To advance to the Brightness option, press **[*]**. The LCD will prompt you to brighten or dim the LCD lighting.
- Step 5 Use the **[▲][▼]** scroll keys again to adjust to desired brightness.
- Step 6 When completed, exit by pressing **[*]**.

Setting the system clock

- Step 1 Enter **[*][9][7]**. The LCD Screen will prompt for a code.
- Step 2 Enter **[master code]**. The time and date will be displayed with the current hour flashing.
- Step 3 Use the **[▲][▼]** scroll keys to select the proper hour.
- Step 4 Enter the **[*]** key to move to the minutes, day of week, date, month, and year.
- Step 5 Repeat Steps 3 and 4 until the entire time and date are set.

Turning the door chime ON and OFF

The door chime feature must be enabled by your installer. The door chime is turned on or off by pressing **[*][1]**. Each time **[*][1]** is pressed it will toggle the chime feature on/off and produce a momentary ding-dong sound.

Walktest

Not supported with this keypad

PARTITIONED SYSTEMS OPERATION

This system is

- ☐ multi-partitioned
- ☐ not partitioned

If your system is multi-partitioned and the keypad resides in one partition, your keypad will provide the status of the zones in your partitioning by using the screen messages described earlier in this manual. The Master Mode of operation (if programmed by your installer) allows you to access any partitioning (providing your code is authorized) within the system and perform functions in other partitions.

Read the following paragraphs to help you understand the different screen messages that will be displayed from your keypad.

Lights in partitioning master mode

- **[BYPASS]** will illuminate if ANY area has a zone bypassed.
- **[AWAY]** will illuminate steady if ALL partitions are armed and at least one of those partitions are in the AWAY mode.
- **[STAY]** will illuminate steady if ALL partitions are armed and at least one of those partitions are in the STAY mode.
- **[NIGHT]** will illuminate steady if ALL partitions are armed and at least one of those partitions are in the NIGHT mode.
- **[AWAY], [STAY], [NIGHT]** will all flash if an alarm has occurred in any partition OR if a partition is in an exit delay with one or more other partitions disarmed.
- **SYSTEM READY** message will display on the LCD screen if ALL partitions are ready to be armed.
- **SOUNDER** will sound if ANY area has the sounder on. This includes Entry delay, Exit delay, Chime, and Alarm.

Displays in partitioning master mode

ARMED AND READY STATUS

The LCD screen will display the Armed and Ready status of ALL eight (8) partitions if any or all of the areas is armed or not ready.

Armed	1234-678
Ready	12345678

This display is reflecting all 8 areas are Ready, and Area 5 is disarmed. **NOTE:** If a number is flashing on the armed line, that area is armed Instant. If a number is flashing on the ready line, that area is ready to be Force Armed.

System Ready
Type code to arm

If ALL areas are disarmed and ready to arm, this display will appear on the LCD screen.

ARMING AND DISARMING MULTIPLE PARTITIONS

To arm/disarm multiple partitions, enter a code that has arm/disarm authority for ALL of the partitions to be armed/disarmed. The following display will appear on the LCD screen.

1 2 - 4 5 - 7 8	Disarm →
- - 3 - - 6 - -	Arm →

The numbers on the **top line** represent the disarmed areas to which this code has access. The numbers on the **bottom line** represent the areas that are armed.

Refer to the following table for possible conditions :

LCD DISPLAY FOR AREA TOP LINE OVER BOTTOM LINE	CONDITION
Blank Blank	Area Not used or Authorized
Dash (-) Dash (-)	Area Not Ready
Flashing Area # Dash (-)	Area Ready to Force Arm
Dash (-) Flashing Area #	Area Armed Instant
Area # Dash (-)	Area Disarmed & Ready to Arm
Dash (-) Area #	Area is Armed

- To disarm all of these areas, press the [▲] up scroll key
- To arm all of these areas, press the [▼] down scroll key
- To toggle a single area between the armed and disarmed conditions, press [*][Area number]. For example: If Area 4 is armed, [*] [4] will disarm Area 4. If Area 4 is disarmed, [*] [4] will arm it.
- Press [AWAY], [STAY], or [NIGHT] once to arm all authorized partitions into the corresponding mode.
- To control the individual areas, refer to the following section.

OPERATING INDIVIDUAL AREAS IN THE MULTI-PARTITION MODE

Enter a code that is a valid arm/disarm code for the area you wish to operate. The following display will appear on the LCD screen.

1 2 - 4 - - 7 8	Disarm	→
- - 3 - 5 6 - -	Arm	→

Only the areas authorized by this code will appear.

To toggle between the armed and disarmed states of an individual area, press [*] [Area number].

To operate an individual area, enter the number of the partition you wish to operate. The LCD keypad will now operate as a single area keypad. All keys and functions entered will affect this individual partition only. The lights and display represent the status of that partition only. The word "System" will be replaced with the word "Area #". The following is an example of this feature. To exit this screen, press [#].

<p>Area 5 Ready Type code to arm</p>

Area 5 is selected and Area 5 is ready to arm. To exit the individual partition mode, enter [#]-[#].

SILENCING ALARMS IN THE MULTI-PARTITION MODE

If the keypad is sounding an alarm or the siren is running, it can be silenced by entering a code with the authority for the area(s) that are in alarm. **NOTE:** The [BYPASS], [AWAY], [STAY] and [NIGHT] keys will only work if an individual partition is selected.

KEYPAD CONTROL TONES (BEEPS)

A sounder is built into the keypad and may sound for any of the following reasons:

- Beeps for all keypresses.
- Sounds a continuous tone during the Entry delay time.
- Pulses when a day zone is violated while the system is disarmed.
- Pulses when a FIRE zone has a trouble condition.
- Pulses when the armed status changes and the AC power is off.
- Beeps 3 times for trying to arm with the "READY" light off, if "FORCE ARMING" has not been selected.
- Beeps 1 second for the 'CHIME' feature.
- Beeps 1 second at the end of the exit delay.
- Beeps to indicate telephone line fault if selected.
- Beeps during an exit delay; beeps rapidly for the last 10 seconds of an exit delay if selected.
- Pulses when one or more of the following conditions are detected: Zone or Box Tamper, Low Battery, AC Power Fail, or Expander trouble.
- Beeps 3 times every minute indicating a low battery or missing transmitter is detected (if wireless device is in system). Entering code will suppress the sounder for 12 hours.

Entering a valid code will silence the keypad sounder when it is pulsing. The arm/disarm state of your system will not change when entering a code to silence a pulsing keypad sounder. Please contact your installer if a trouble condition exists.

SERVICE DISPLAY

The following message will be displayed periodically if the security system requires service. Call your service provider promptly if this message is observed.

Service Required Type *2 for help

If you see this display, press **[*]** followed by the **[2]** key. One or more of the following fault messages will be displayed. Use the **[▲]****[▼]** scroll keys to browse through them. To exit the service messages, press **[#]**-**[#]**.

Control Over-current

A short circuit of a control's power supply has occurred.

Control Siren trouble

Open circuit has occurred on the bell or siren circuit.

Control Box tamper

The Box Tamper circuit has activated.

Control Phone trouble

The phone line connected to the control is not operating properly.

Control Fail to Comm.

The control attempted to communicate a message to the Central Station, but was unsuccessful.

Control Ground fault

A short to ground has been detected on a control circuit.

Control Loss of time

Your system has lost total power and needs the clock reset.

Control Power trouble

The main power to your system is not on.

Control Low Battery

The standby battery is low.

Expansion Over-current

A short circuit of an expansion devices' power supply has occurred.

Expansion Aux. comm. fail

An auxiliary reporting device has failed to communicate.

Expansion Power trouble

The main power to an expansion power supply is not on.

Expansion Low Battery

An expansion power supply has a low battery.

Expander Box tamper	A box containing an expansion device has been opened.
Expansion Trouble	An expansion device or keypad is not reporting to the control panel.
Expansion Siren trouble	Open circuit has occurred on the bell or siren circuit of the expander.
Expansion RF Jammed	A radio receiver is being jammed (Not applicable to all controls.)
Zone Tamper, Press *	A zone is tampered. Press [*] to identify the tampered zone.
Zone Low Batt, Press *	A wireless device has a low battery. Press [*] to identify the zone.
Zone Lost, Press *	A wireless or multiplexed zone device is not reporting to the control. Press [*] to identify the zone.
Zone Trouble, Press *	A zone is experiencing some form of trouble (probably wiring). Press [*] to identify the zone.

APPENDIX A – EVENT LOG

NOTE: Your system may not have all of the features listed in this table.

DISPLAY	DESCRIPTION	
TXlobat	Transmitter Low Battery	The transmitter has a low battery.
ZN Lost	Zone Lost	A wireless or multiplexed zone device is not reporting to the control.
Duress	Duress	The control has been armed or disarmed with a Duress code.
Man Fire	Manual Fire	Keypad "Fire" has been activated.
Aux 2	Auxiliary 2	Keypad "Medical" has been activated.
Panic	Panic	Keypad "Panic" has been activated.
KP Tamper	Keypad Tamper	The keypad tamper has been activated.
BoxTamp	Box Tamper	The box tamper circuit has been activated.
AC Fail	AC Fail	AC failure has been detected.
OverCur	Over Current	A short circuit of a power supply has occurred.
Srn Tamp	Siren Tamper	A siren or speaker tamper has been detected.
Tel Flt	Telephone Fault	A telephone fault or tamper has been detected.
Exp Trb	Expansion Trouble	An expansion device or keypad is not reporting to the control.
Log Full	Log Full	The event log is full. Old events will be pushed out as new ones enter the log.
Open	Open	Reports user number, date, time and partition of opening.
Close	Close	Reports user number, date, time and partition of closing.
Exit Err	Exit Error	Entry/Exit zone was faulted at the instant the exit delay expired.
Rec Close	Recent Close	An alarm occurred within 5 minutes after the control was armed.
Autotest	Auto Test	Sending a communicator test at a specified interval.
Start Prog	Start Programming	Local programming is started.
End Prog	End Programming	Local programming is ended.
Start Dnld	Start Download	Download session is started.
End Dnld	End Download	Download session is ended.
Cancel	Cancel	System is disarmed and the Cancel button was pressed within 5 minutes of an alarm.
Gnd Flt	Ground Fault	A short to ground has been detected.
Man Test	Manual Test	Bell and/or communicator test while system is in disarmed condition.
Re-exit	Re-Exit	The exit delay has been re-started without disarming the system.
Output Trip	Output Trip	A trip has occurred on an expander auxiliary output.
Data Lost	Data Lost	Communication of a signal has failed (log only event).
Walk-test	Walk-Test	A zone "Walk-Test" mode has been activated.
End Test	End Test	Test has been ended.
Cross-Trip	Cross Trip	The first zone of a cross zone has been tripped (log only).
Expansion Event	Expansion Event	An expansion module created an undefined event.
Partial Arm	Partial Arm	Reports a closing in the stay mode.
Listen In	Listen In	A listen in function has been activated.
Service Start	Service Start	Technician is on site.
Service End	Service End	Technician is off site.
Code Entry	Code Entry	A code has been entered.

DISPLAY	DESCRIPTION	
First Open	First Open	Reports when the first partition is disarmed.
Last Close	Last Close	Reports when the last partition is armed.
Sprnklr	Sprinkler	Instant sprinkler supervisory report
Clock Set	Clock Set	Clock has been reset.
RF Jammed	RF Jammed	A wireless expansion module is jammed
CleanMe	CleanMe	A smoke detector requires cleaning.

APPENDIX B – REFERENCE TABLES

IMPORTANT

These reference tables on the following pages need to be completed by your installer.

Keep these tables in a safe place!

Installing/Service Company : _____

Address : _____

Telephone number : _____

Name central station : _____

Telephone number central station : _____

Function codes programmed

Function code	Controls function (action)

Entry/exit delay times in seconds :

Exit delay time:		Secondary Exit delay time:	
Entry delay time:		Secondary Entry delay time:	

This system is ☐ , is not ☐ partitioned.

This system counts _____ zones

Programmed functions:

- | | |
|--|--|
| <input type="checkbox"/> Abort delay | <input type="checkbox"/> Forced arming |
| <input type="checkbox"/> Battery test | <input type="checkbox"/> Group bypass |
| <input type="checkbox"/> Cancel alarm | <input type="checkbox"/> Quick arm |
| <input type="checkbox"/> Change partitions (LED) | <input type="checkbox"/> Re-Exit |
| <input type="checkbox"/> Chime | <input type="checkbox"/> Service Light/Message enabled |
| <input type="checkbox"/> Communicator test | <input type="checkbox"/> Siren test |
| <input type="checkbox"/> Manual fire alarm | |
| <input type="checkbox"/> Manual medical alarm | |
| <input type="checkbox"/> Manual panic alarm | |

Zone descriptions :

Zone 1		Zone 42		Zone 83	
Zone 2		Zone 43		Zone 84	
Zone 3		Zone 44		Zone 85	
Zone 4		Zone 45		Zone 86	
Zone 5		Zone 46		Zone 87	
Zone 6		Zone 47		Zone 88	
Zone 7		Zone 48		Zone 89	
Zone 8		Zone 49		Zone 90	
Zone 9		Zone 50		Zone 91	
Zone 10		Zone 51		Zone 92	
Zone 11		Zone 52		Zone 93	
Zone 12		Zone 53		Zone 94	
Zone 13		Zone 54		Zone 95	
Zone 14		Zone 55		Zone 96	
Zone 15		Zone 56		Zone 97	
Zone 16		Zone 57		Zone 98	
Zone 17		Zone 58		Zone 99	
Zone 18		Zone 59		Zone 100	
Zone 19		Zone 60		Zone 101	
Zone 20		Zone 61		Zone 102	
Zone 21		Zone 62		Zone 103	
Zone 22		Zone 63		Zone 104	
Zone 23		Zone 64		Zone 105	
Zone 24		Zone 65		Zone 106	
Zone 25		Zone 66		Zone 107	
Zone 26		Zone 67		Zone 108	
Zone 27		Zone 68		Zone 109	
Zone 28		Zone 69		Zone 110	
Zone 29		Zone 70		Zone 111	
Zone 30		Zone 71		Zone 112	
Zone 31		Zone 72		Zone 113	
Zone 32		Zone 73		Zone 114	
Zone 33		Zone 74		Zone 115	
Zone 34		Zone 75		Zone 116	
Zone 35		Zone 76		Zone 117	
Zone 36		Zone 77		Zone 118	
Zone 37		Zone 78		Zone 119	
Zone 38		Zone 79		Zone 120	
Zone 39		Zone 80		Zone 121	
Zone 40		Zone 81		Zone 122	
Zone 41		Zone 82		Zone 123	

Zone 124	_____	Zone 147	_____	Zone 170	_____
Zone 125	_____	Zone 148	_____	Zone 171	_____
Zone 126	_____	Zone 149	_____	Zone 172	_____
Zone 127	_____	Zone 150	_____	Zone 173	_____
Zone 128	_____	Zone 151	_____	Zone 174	_____
Zone 129	_____	Zone 152	_____	Zone 175	_____
Zone 130	_____	Zone 153	_____	Zone 176	_____
Zone 131	_____	Zone 154	_____	Zone 177	_____
Zone 132	_____	Zone 155	_____	Zone 178	_____
Zone 133	_____	Zone 156	_____	Zone 179	_____
Zone 134	_____	Zone 157	_____	Zone 180	_____
Zone 135	_____	Zone 158	_____	Zone 181	_____
Zone 136	_____	Zone 159	_____	Zone 182	_____
Zone 137	_____	Zone 160	_____	Zone 183	_____
Zone 138	_____	Zone 161	_____	Zone 184	_____
Zone 139	_____	Zone 162	_____	Zone 185	_____
Zone 140	_____	Zone 163	_____	Zone 186	_____
Zone 141	_____	Zone 164	_____	Zone 187	_____
Zone 142	_____	Zone 165	_____	Zone 188	_____
Zone 143	_____	Zone 166	_____	Zone 189	_____
Zone 144	_____	Zone 167	_____	Zone 190	_____
Zone 145	_____	Zone 168	_____	Zone 191	_____
Zone 146	_____	Zone 169	_____	Zone 192	_____

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