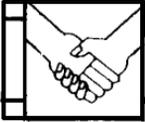


# OPERATING GUIDE FOR YOUR MAGNUM ALERT-725 SECURITY SYSTEM



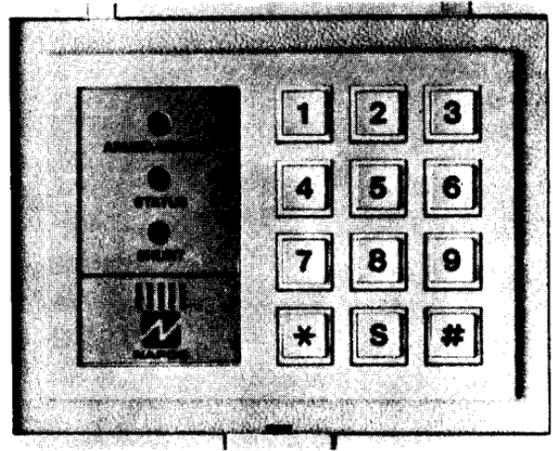
NAPCO



## CONGRATULATIONS

Your new MAGNUM ALERT-725 represents the state of the art in security technology. It is a sophisticated burglary detection and warning system with many available features. Your alarm specialist has tailored this system to your particular requirements; he'll go over it with you and help you fill out the ALARM PLAN on page 15. And he'll always be available should questions concerning system operation arise.

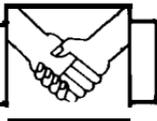
Please read through these pages carefully before putting your new system into service. Familiarize yourself with the features and operation of your MAGNUM ALERT-725 and keep this manual handy for reference. While reading it, you will undoubtedly run across several new or unfamiliar terms. Check the GLOSSARY on pages 4 and 5 for explanation of these terms.



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## GENERAL DESCRIPTION

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The MA-725 may be used in one of two ways. It can function as a complete alarm system for home or office when complemented by an accessory power source and communicator (optional) or, when used as part of a larger system, it may serve as an area arming (and disarming) device to provide isolated protection of (or access to) only a part of that system.

Typical applications of the latter may be found in factories, warehouses, shopping malls, and other large structures or complexes. Regardless of how the MA-725 is utilized, its operation is essentially the same.

As each system is customized to the user's particular needs, not all of the features may have been selected, but all MA-725 systems will have the following capabilities and components.

**Zone Monitoring.** Your system will be monitoring up to four separate circuits on your premises or within your designated area. For example, your alarm specialist may have specified one zone for exit/entry doors; another for window protection; another for interior space protection; and still another for safe and valuables protection. An additional zone (Panic Zone) is available to manually signal an immediate alarm in case of an emergency. Each zone may be programmed to react in a specific manner. You must learn what

each zone protects, how it responds to a violation, and what suitable action must be taken.

**The Digital Keypad.** The integral digital keypad allows you to perform the following functions:

- arm and disarm your system,
- check the condition (status) of each zone,
- check which zones were violated after an alarm,
- temporarily bypass (shunt) one or more zones,
- send a panic alarm,
- cancel exit/entry delay,
- test the alarm,
- reset a Day Zone, and
- bypass a Priority Zone with Bypass.

Three lights and a Mini-Sounder on the panel provide visual and audible alerts.

**Alarm Circuits.** The alarm circuits are activated by a zone violation. When the panel senses an abnormal condition from any source, it will respond by sounding an audible alarm and/or alerting a central monitoring station (optional).



## GLOSSARY

### Alarm History:

**Hold-down function (2).** This will display the last alarm condition on the ARMED/MEMORY light.

### Alarm Plan:

**Identifies the areas of your premises protected by each zone location and lists zone features. To be filled in and explained by your alarm specialist.**

### Arm:

**To turn your system on.**

### Auto-Shunt Zone:

**A zone that will automatically be bypassed if in trouble when arming.**

### Burglary Zona:

**A zone that will detect intrusion while the system is armed.**

### Day Zone:

**A zone that will cause visual and audible (optional) indication at the keypad, if in trouble, when the system is disarmed.**

### Disarm:

**To turn your system off.**

### Entry Delay:

**A delay that allows you time to enter your premises after the system is armed without setting off an immediate alarm.**

### Exit Delay:

**A delay that allows you time to exit your premises after the system is armed without setting off an immediate alarm.**

### Exit/Entry Follower Zone:

**A zone that will ignore detection during the exit delay, and only during entry delay if the Exit/Entry Zone is entered first. If the Exit/Entry Zone is not entered first, the Exit/Entry Follower Zone will go into alarm immediately.**

### Fsllback Code:

**A preprogrammed 4-digit code that may be used to arm or disarm your system should all user codes be erased (as after an extended power failure).**

### Group Shunt:

**Removal of a preset group of zones from the system by pressing Key (S) twice.**

### Hold-Down Functions:

**Secondary keypad functions. Each is activated by holding down a designated digit for 2 seconds until a beep sounds.**



#### Mini-Sounder:

**Sounder that warns that entry delay time is in progress; exit delay time has expired; or an attempt is made to arm the system with a zone in trouble.**

#### Panic Buttons:

**Two buttons ([\*]) and ([#]) on the keypad that are used to activate the Panic Zone in an emergency. Both must be pressed together.**

#### Priority Zone:

**A zone which, when in trouble, will prevent arming.**

#### Priority Zone With Bypass:

**A Priority Zone that will permit arming if the alarm condition is bypassed by means of Reset Key [9].**

#### Selective Shunt:

**A zone bypass that is selected using the Shunt Key [S] followed by the zone number.**

#### Shunt Button:

**Key [S] on the keypad. Allows you to bypass one or more protective zones from the system.**

#### Trouble:

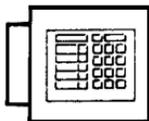
**An abnormal short circuit or open circuit on a zone. Trouble on a Burglary Zone will be indicated by Mini-Sounder beep upon arming (except for selective- or group-shunted zones). Trouble on a Day Zone will be indicated by a flashing green STATUS light and a pulsing Mini-Sounder (the Mini-Sounder is reset by holding down Key [9]).**

#### Zones:

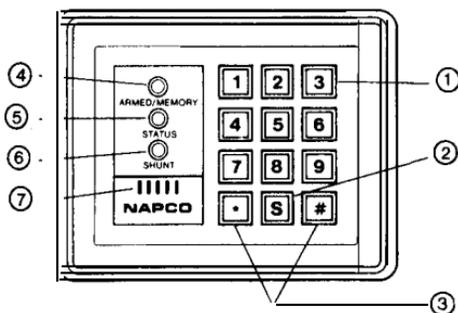
**Preselected areas or locations on your premises that are protected by independent circuits in the panel.**

#### 24-Hour Zone:

**A zone that is armed at all times, whether or not the system is armed.**



## CONTROLS & INDICATORS



**NOTE:** Circled numbers below are keyed to those in the illustration above. Raise hinged front panel for zone-coverage and hold-down function information.

### Regular Functions

- ① Numerical Keys [1] through [9]. Used for entering arm/disarm code(s) and for selecting zones to be shunted (bypassed). Also have special Hold-Down Functions as described in Hold-Down Functions.
- ② Shunt Key [S]. Used for selecting zones to be shunted (bypassed). Also has a special Hold-Down Function as described in Hold-Down Functions.

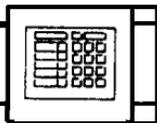
- ③ Panic Buttons [\*] and [#]. Signal an immediate emergency when *both buttons are pressed at the same time.*
- ④ Red ARMED/MEMORY Light. Glows steadily to indicate that the system is armed. A flashing light when armed warns that the panel was in an alarm condition. It can also indicate which zones were violated (also see Hold-Down Functions).
- ⑤ Green STATUS Light. Glows steadily to indicate that all zones are operating properly and the system may be safely armed. A flashing light warns which non-24-Hour Zone(s) are in trouble. (To stop flashing, hold down Key [3]. See Hold-Down Functions).

- ⑥ Yellow SHUNT Light. Glows steadily to indicate that one or more zones have been bypassed and that the system is only partially armed. The light can flash to indicate which zones have been bypassed (see Hold-Down Functions, Key [S]).

- ⑦ Mini-Sounder. Sounds an audible tone whenever:

- an attempt is made to arm the panel when a zone is in trouble;
- entry delay is in progress, to remind the user to disarm;
- a Day Zone is in trouble.

A momentary beep when arming indicates that a zone is being auto-shunted.



RUN/LOAD Switch (behind hinged front panel, not shown). Used to load the user arm/disarm codes. This switch is set to the LOAD position when entering personal codes (refer to Loading Personal Codes). The switch must be returned to the RUN position after all codes have been entered to resume alarm operation. The system will not operate with the switch in the LOAD position.

## Hold-Down Functions

In addition to its regular functions, the keypad provides a series of dual functions. Note that these functions are accessed by holding down the designated key for about 2 seconds, until a beep sounds from the Mini-Sounder, and are thus known as “Hold-Down” functions.

**Key [1]** - Test. This will momentarily sound the bell or siren. A weak alarm may indicate the need for battery replacement. *Make this test weekly.*

**Key [2]** - Alarm History. This will flash the red ARMED/MEMORY light to indicate all alarm conditions that have occurred. While holding down Key [2], count the number of flashes to determine the zone(s) violated. After the system is rearmed, the previous alarm history will remain in alarm memory until automatically reset by a new alarm condition.

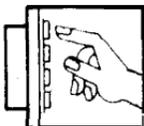
**Key [3]** - STATUS Flashing Off/On. Hold down Key [3] to stop the STATUS light flashing. Repeat to turn STATUS flashing back on.

**Key [4]** - Instant Protection. This will cancel the exit/entry delay periods when pressed before arming. This feature is utilized to sound an instant alarm on intrusion through the Exit/Entry Zone(s). If used *after* arming, only the entry delay will be cancelled. When selected, the red ARMED/MEMORY light will flash rapidly as a reminder that the system is armed with instant protection. Exit/entry delay is automatically reinstated on disarming.

**Key [5]** - Door Chime Off/On. If Zone 1 is selected as the regular entry door, the Mini-Sounder will beep upon entry while disarmed. To enable the Door-Chime feature, hold down Key [5] until it beeps.

**Key [9]** - Reset. This key is used to reset Door Chime, reset a Day Zone, or bypass a trouble on a zone designated as Priority Zone With Bypass. See Priority Zone With Bypass in the Glossary.

**Key [S]** - Display SHUNT. This will flash the yellow SHUNT light to indicate the zone(s) shunted. While holding down Key [S], count the number of flashes to determine the zone(s) shunted.



## USING YOUR SECURITY SYSTEM

### Selecting Your Personal Code

Using the keypad, you may enter up to four different codes to arm and disarm the panel.

**NOTE:** If your MAGNUM ALERT-725 is used as an area arm module that is part of a larger system, do not select a code that is already in use in the main system.

To program personal user codes, proceed as follows:

Flip up the hinged front panel. Insert a small screwdriver into the hole between the red and green lights and slide the RUN/LOAD switch (behind the subpanel) to the right (LOAD position).

The three lights on the panel will flash rapidly and the Mini-Sounder will beep. On the keypad, enter any combination of up to four digits (there is no zero) as follows:

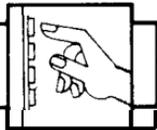
Press [S] then [1] then [any 4 digits]:  
first user's code  
[S] then [2] then [any 4 digits]:  
second user's code  
[S] then [3] then [any 4 digits]:  
third user's code  
[S] then [4] then [any 4 digits]:  
fourth user's code

After the user codes have been entered, return the RUN/LOAD switch to the left (RUN position). Remember: your system will not operate with the switch in the LOAD position.

**NOTE:** You need not assign all four codes. Use only as many as you need, and change them as often as you feel necessary (refer to Changing or Voiding a Code, page 9).

The numbers you have selected become the only codes recognized by the system. Each user should be assigned his own dissimilar code and should be cautioned against divulging that code to anyone else. Thus, should it become necessary to remove a user from the system, that one code may be voided without affecting other codes, and that user would then be prevented from entry.

**NOTE:** In high-security installations, your alarm specialist may have installed a remote DISABLE/LOAD switch in addition to or instead of the RUN/LOAD switch on the keypad to prevent unauthorized access to user codes. If your system includes this feature, the DISABLE/LOAD switch must be set to LOAD when loading, changing or voiding a code, and returned to DISABLE when finished.



## Changing or Voiding a Code

Changing any user's code is accomplished using the foregoing procedure and simply changing the 4-digit combination. Thus, to change User 3's code,

1. Set the RUN/LOAD switch to LOAD (lights flash; Mini-Sounder beeps).
2. Press [S] then [3] then (4 new digits): User 3's new code.
3. Return the RUN/LOAD switch to RUN.

Similarly, User 3's code may be voided by merely not entering a 4-digit combination. Thus, to void User 3's code,

1. Set the RUN/LOAD switch to LOAD (lights flash; Mini-Sounder beeps).
2. Press [S] then [3]: User 3's code erased.
3. Return the RUN/LOAD switch to RUN.

## Using Your Code to Arm and Disarm the System

When you enter your personal code at the keypad, the red ARMED/MEMORY light will either come on, indicating that the panel is armed; or go off, indicating that the panel is disarmed. If you enter the wrong code, you will not be able to arm or disarm the system and the light will fail to respond. Wait at least 2 seconds before attempting to re-enter your code.

In case of an extended power outage, all personal codes may be erased. Should this occur, your system will fail to respond to your personal code. You can then arm or disarm using your fallback code, a 4-digit code that is permanently programmed into your system, until your personal codes can be restored (see **Selecting Your Personal Code** on page 8). **Be sure you know your fallback code!**

**NOTE:** The fallback code will only function if all personal codes have been lost.



## PROTECTING YOUR PREMISES WHILE YOU ARE AWAY

### Arming the System Before You Leave

Before you attempt to arm the system, check the STATUS light on the panel. If the light is on, you may enter your code, but be prepared to leave immediately. Upon arming, the red ARMED/MEMORY light will come on and the green STATUS light will go out. Leave immediately through the exit/entry door before the exit delay time runs out. If you take too long to leave the premises, the Mini-Sounder will warn you that exit delay time has expired and entry delay time has started. To avoid causing an alarm, quickly return to the panel and enter your code to disarm. You may then rearm and try to exit again.

### Arming with a Zone in Trouble

If the green STATUS light is flashing, at least one non-24-Hour Zone is in trouble (in an abnormal open or shorted condition) and incapable of being armed. Count the number of flashes to determine zone(s) in trouble. For example, if your back door is open on Zone 1 and a window is open on Zone 3, the STATUS lamp will flash once for Zone 1; pause; then flash three times for Zone 3. Try to clear the troubled zone(s) yourself. In this example, you can clear the zones by merely closing the back door and the window.

If the zone cannot be fixed (green light still flashing), it may still be possible to arm the system without the protection of that zone. Check your Alarm Plan (see page 15). If the zone in trouble is not designated as a Priority Zone, you will be able to arm your system anyway. A momentary beep from the Mini-Sounder will alert you that the system was armed with a zone automatically bypassed (auto-shunted) and no alarm will occur. Be sure to have *all* zones in trouble repaired as soon as possible! If you cannot clear the zone yourself, call your alarm specialist.

You cannot arm your system if a Priority Zone is in trouble. The Mini-Sounder will come on, but the ARMED/MEMORY light will not. To silence the sounder, re-enter your code to disarm.

Check your Alarm Plan on page 15. If the Priority Zone in trouble is also programmed for Selective Shunt (or Group Shunt), press [S], then the zone number to shunt that zone (or press [S] twice to shunt all group-shunt zones), then rearm.

If trouble is encountered on a Priority Zone With Bypass, enter your code to silence the Mini-Sounder and hold down Reset Key [9] until it beeps (this will bypass the trouble condition); then enter your code to arm.



## Disarming When You Return

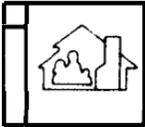
When you enter through the exit/entry door, the Mini-Sounder will come on during the entry period to remind you to disarm. Check the red ARMED/MEMORY light; if it is flashing, an alarm occurred while you were out. *PROCEED WITH CAUTION!* Using your code, disarm the system immediately during the entry period both to prevent an alarm and to silence the Mini-Sounder.

### NOTE:

1. If you enter the wrong code, you must wait at least 2 seconds before trying again. If there was an extended power failure and your system does not respond to your correct code, enter your preprogrammed fallback code to disarm. See page 9.
2. If your MAGNUM ALERT-725 is used as an area arm module that is part of a larger system, and an alarm occurred on your premises, silence the alarm by disarming at *your* keypad.

To identify which zone(s) were violated, hold down Alarm History Key [2] until a beep sounds, but do not release it. The red ARMED/MEMORY light will flash to indicate the last alarm condition. Count the number of flashes to determine which zone(s) require attention.

NOTE: If an alarm occurred and the red light did not flash, a 24-Hour Zone (see your Alarm Plan) was violated. The cause of the alarm must be determined and cleared before you can rearm your panel. Hold down Alarm History Key [2] to display the zone(s) violated.



## PROTECTING YOURSELF WHILE YOU ARE ON PREMISES

### Arming with Selective Zone Shunting

Your alarm specialist may have selected one or more zones with the capability of being selectively shunted (bypassed) from the system. Since a shunted zone cannot cause an alarm, you may wish to use this feature to turn off the interior areas when arming, while keeping your perimeter zones (windows, doors, etc.) active.

Check your Alarm Plan and note which zones may be selectively shunted. To utilize the selective-shunt feature, first check the green STATUS light to make sure that all zones are operating properly. Then press the Shunt Button [S] followed by the number(s) of the zone(s) to be bypassed. Thus, to bypass Zones 2 and 3, for example, press

[S] then [2] = Zone 2 shunted  
[S] then [3] = Zone 3 shunted.

The yellow SHUNT light will come on whenever one or more zones are shunted. Enter your user code to arm the remaining zones. The green STATUS light will go off and the red ARMED/MEMORY light will come on.

NOTE: When the panel is subsequently disarmed, all shunted zones will automatically revert back to active zones.

### Arming with Group Zone Shunting

Your alarm specialist may have also opted for one or more interior zones to be "group shunted", that is, bypassed all at the same time. This group of zones is bypassed by simply pressing Key [S] twice prior to arming. The yellow SHUNT light will come on. Enter your user code to arm the remaining zones. The green STATUS light will go off and the red ARMED/MEMORY light will come on. When the panel is subsequently disarmed, all shunted zones will automatically revert back to active zones.

NOTE: The yellow SHUNT light will not come on if zones are auto-shunted.

### Arming with Instant Protection

Pressing Key [4] will cancel both the exit and entry delays on the exit/entry zone upon arming. Use this feature when at home (as when retiring for the evening, for example) to sound an instant alarm on intrusion through the exit/entry door. To arm with instant protection, hold down Instant Alarm Key [S] until it beeps, then enter your code to arm the panel. (If Key [4] is pressed *after* the panel is armed, only *entry* delay will be cancelled.) The red ARMED/MEMORY light will flash rapidly to remind you that you have armed with instant



alarm. Should someone open the exit/entry door, the alarm will sound immediately.

**NOTE:** When disarming the panel, exit/entry delays will automatically be reinstated.

## Panic Zone

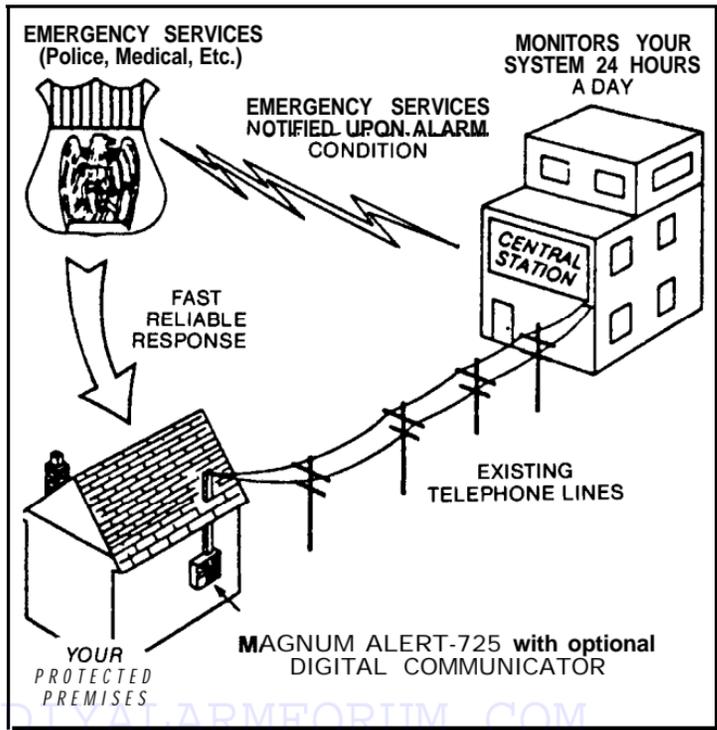
The Panic Zone is always active, whether your system is armed or not. To activate the Panic Zone, simultaneously press the two keys [\*] and [#] on the keypad. The Panic Zone may be programmed to activate an audible alarm, to send a silent alarm to a central station (optional), or both.

**NOTE:** The [\*] and [#] buttons must be pressed at the same *time* to activate the Panic Zone. If the Panic Zone is activated, no zone violation will be indicated at the keypad, but an alarm condition will be recorded by Alarm History (see Hold-Down Functions, Key [2]).



# OPTIONAL DIGITAL COMMUNICATOR

Your Alarm Specialist may have programmed your security system to be monitored by a Central Station. The digital communicator can transmit emergency signals to the Central Station 24 hours a day.



WWW.DIGITALARMFORUM.COM

# ALARM PLAN



	AREAPROTECTED	ZONE FEATURES	CONTACTS
1			
2			
3			
4			

ALARM SPECIALIST \_\_\_\_\_

TELEPHONE NO. \_\_\_\_\_

EXIT TIME \_\_\_\_\_ SECONDS

ENTRY TIME \_\_\_\_\_ SECONDS

## 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.

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 user 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.

### 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. A 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 residential installation.

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

or more of the following measures: reorient the receiving antenna; relocate the computer with respect to the receiver; move the computer away from the receiver; plug the computer into a different outlet so that computer and receiver are on different branch circuits.

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