# ALARM PLAN

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<th>Zone Features</th>
<th>Contacts (doors, windows, etc.)</th>
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Central Station  
(Optional)  
Telephone

Service Person  
Telephone
PREPARING AN ESCAPE PLAN

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

Draw floorplans 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 their room with the doors closed.
2) One person sound the alarm.
3) Each person tests his door.
4) Pretend the door is hot and use the alternate escape exit.
5) Everyone meet outdoors at the assigned spot.

IMPORTANT! - Read Carefully

Discuss these escape procedures with those who use the building:

1) In a residence, sleep with the bedroom door closed. A closed door will hold back deadly smoke while you escape.
2) When the fire alarm signals, escape quickly. Do not stop to pack.
3) Test the door. If it is hot, use your alternate route through the window. If the door is cool, brace cautiously. Be ready to slam the door if smoke or heat rush 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
The following information is will pulse constantly after a will not be able to arm the burglar

Controlling Your Fire Circuit

If your alarm specialist installed smoke detectors or heat sensing thermostats, you have 24 hour fire protection. Your Control Center will constantly monitor this zone for any alarm or trouble condition.

Fire Alarm

An alarm on the fire zone will cause the bottom red light to glow steadily and the mini-sounder to pulse constantly. Your fire alarm will nunciate when the trouble is re- paired. After the trouble is repaired, press Key 9 again to turn off the light.

Resetting After An Alarm

The fire alarm may be reset by arming, and then disarming; or (if so programmed) by waiting for it to automatically shut off. The mini-sounder and the Fire/Trouble light will stay on. Press Key 9 to silence the mini-sounder. The red Fire/Trouble light should go off in about 30 sec- onds. If smoke has not cleared from a cleared and the light goes off.

Would You Like More Safety Information?

For information on home fire de- tection, burn safety, and home fire safety, contact the National Fire Protection Association, Public Affairs Dept.05A, Batterymarch Plaza, Quincy, MA 02269.

NOTE: if the mini-sounder is on due to a fire or fire trouble condition, you
Abort Delay
  Note which zones on your alarm plan have abort delay. This is a programable delay that enables you to reset the system before a zone condition report is sent to the central station. Non-24 hour zone reports are stopped by arming and then disarming. 24 hour zones and those with zone restoration however, must first be repaired.

Opening and Closing Reporting
  An optional feature that permits the central station to receive a signal each time the system is armed, disarmed or both (up to 4 individual users can be identified).

Testing the Telephone Lines
  To check your telephone connection with the central station hold down Key 6. After the beep sounds, a pulse tone will be heard from the mini-sounder. If the phone line is good the sound will silence in a few seconds. If not, a continuous tone will sound. The mini-sounder can be silenced by pressing Key 9.
  Your alarm specialist may have also programmed your system to automatically send a test signal to the central station every 24 hours.

Central Station Ringback
  The central station will acknowledge the fact that you have armed your system by "ringing back" with a short beep of the mini-sounder.
Your Alarm Specialist may have programmed your security system to be monitored by a central station. The built-in digital communicator can transmit emergency signals to the central station 24 hours a day.

**Diagram:**
- EMERGENCY SERVICES (Police, Medical, etc.)
- EMERGENCY SERVICES NOTIFIED UPON ALARM CONDITION
- MONITORS YOUR SYSTEM 24 HOURS A DAY
- FAST RELIABLE RESPONSE
- EXISTING TELEPHONE LINES
- YOUR PROTECTED PREMISES
- MAGNUM ALERT-850 DIGITAL COMMUNICATOR
PROTECTING YOURSELF
WHILE YOU ARE ON PREMISES

Arming With Selective Zone Shunting

Your alarm specialist may have opted for one or more zones that can be selectively shunted (removed) from the system. Since a shunted zone cannot cause an alarm, you may wish to use this feature to turn off the interior disarm code to arm your remaining zones. The green light will go off, and the red Armed/Alarm light will come on. The yellow light will go off when you disarm again indicating that the shunted zones are no longer shunted. (Note: The shunt light does NOT come on when zones are auto-shunted.)

Panic Zone

To activate the panic zone, simultaneously press the two keys marked * and # on the Digit-Key keypad. The panic zone can be programmed to send a silent alarm to a central station, activate an audible alarm, or both.

Pressing Key 4 (until you hear a beep) will cancel the entry delay on the exit/entry zones when arming. The red Armed/Alarm light will flash rapidly to indicate this condition. If someone enters through an exit/entry zone, an alarm will sound immediately.
cally display selective or group shunted zones.

You will not be able to arm your system if: 1) a zone selected as a priority zone is in trouble, 2) a day zone numerical display indication is still flashing or 3) if the top three lights are flashing due to an AC power failure.

If you attempt to arm, the mini-sounder will come on steadily and a zero will be displayed. Enter your code again, and reset the digital display memory or AC failure indication by holding down Key 9, (remember to test your system). Zones selected to be "priority with bypass" may be bypassed by using reset Key 9 before arming. Be certain to have all zones in trouble fixed quickly.

Disarming When You Return

When you enter through the exit/entry door, the mini-sounder will come on steadily for the entire entry period. If, upon entering, the red ARMED/ALARM light is flashing, leave the premises and call authorities from your neighbor's telephone. Disarm the panel quickly, using your arm/disarm code. If there has been an extended power failure all arm/disarm codes will be erased. If your alarm specialist has wired your system to come back in an armed state, you may use your pre-programmed "Fallback" code to disarm the system.

If there has been an alarm on a non-24 hour zone, the armed/alarm light will be flashing and the zone number will be displayed on the numerical display, even after you disarm. If you wish to reset the display, hold down Key 9.

Once the system is disarmed, the red armed/alarm light will go off, and the green light will come on (or flash if a zone is in trouble). If you enter the wrong code, you must wait 2 seconds before re-entering your code.

If an alarm has occurred on a 24 hour zone, there will be no indication. Remember, zones (1 through 8) that are in trouble can be displayed by holding down Key 3.

Ambush Code

If an intruder forces you to disarm your system, enter your pre-programmed one or two digit ambush code BEFORE your arm/disarm code. This activates your ambush zone which will send a silent alarm to a central station. (This is an optional feature.)
CHECKING AC POWER

If the top three lights of your keypad are blinking slowly, you have lost AC power. Check to see if there has been a general power outage, or if the Control Center's transformer is disconnected. If you must operate without AC power, hold down Key 9 until a beep sounds to stop the lights from blinking. Next test your system by holding down Key 1. If the alarm doesn't sound, or is weak, replace battery. Always run your AC power. If you wait too long, the mini-sounder will warn that the entry delay has started. To avoid causing an alarm, quickly return to the keypad and enter your code to reset the control panel. You may then arm the system again.

SYSTEM DOES NOT RESPOND TO PERSONAL CODE

If after an extended power failure your personal codes do not work, try reprogramming your codes by holding down Key 3 until a beep sounds. Try to fix the zone by closing any open windows or doors. If a day zone has been in trouble, reset the day zone indication by holding down Key 9 until a beep sounds. The green light will then glow steadily and the system is ready to be armed.

In the case where a zone cannot be fixed immediately, it still may be possible to arm without the protection of that zone. Check your keypad. If it glows steadily, enter your code. The red armed/alarm light will come on and the green light will go off. If your system is programmed for "Audible Test on Arming", the alarm will sound for 2 seconds, a short while after arming.

IN TROUBLE

A flashing green status light indicates that at least one non-24 hour zone is in trouble. That is the zone is in an open or shorted condition. If a day zone is open, the zone will also display numerically and the mini-sounder will be pulsing. If the zone has been programmed for selective shunt, pressing the "S" key, and then the number of the zone (1 through 8) will manually shunt that zone. Group shunt zones are a group of zones that can all be manually shunted at the same time.
USING YOUR SECURITY SYSTEM

The Digit-Key Keypad

All security system operations are carried out at the keypad. Each key has a special function of its own (see "DIGIT-KEY KEYPAD CONTROLS" page 9) plus the ability to arm and disarm the system when they are used in a pre-selected combination (codes).

Personal (Arm/Disarm) Codes

You can choose up to 4 four digit codes which will allow you to arm and disarm your system. Any of these codes can easily be changed, thus allowing temporary guests, babysitters, employees, etc., access to the premises. When no longer needed, the codes can be changed or removed from service.

Your security system can not be disarmed by unauthorized persons. It will respond only when a code of your choosing is entered through the keypad.

Selecting Your Codes

After your alarm specialist installs your system, he will give you a "Program Code" and show you how to program your Personal Codes.

1. Press Key 6 (hold for two seconds). This puts the system into its Programming Mode.

2. Enter your Program Code into the keypad. When the keypad accepts your Program Code, it will flash its top three lights and pulse the mini-sounder.

3. You may now program up to 4 Personal Codes:
   - Press Key "S"
   - Press the Personal Code
   - User’s Number (1-4)
   - Enter a four digit Personal Code

Examples:

- S + 1 + Four digit First User’s Personal Code
- S + 2 + Four digit Second User’s Personal Code
- S + 3 + Four digit Third User’s Personal Code
- S + 4 + Four digit Fourth User’s Personal Code

You do not have to use all four Personal Code options. Use as many as you need. Change them as often as you feel necessary.

To erase any code(s), repeat steps 1, 2, 3A, and 3B. For example, to erase User 3, enter S + 3.

4. To end the programming mode, press key "S" twice.

For optimum security, do not select obvious combinations, such as consecutive numbers, your street or telephone number, birth date, etc., for your personal code.
Your Magnum Alert-850 Security System has three basic components:

1. Zones
   The system contains 8 zones which can be selected for burglary, panic or auxiliary alarms. (Auxiliary zones are not always used in each system. Check with your alarm professional.)

   Each zone is an independent circuit that protects specific areas of your home. For example, your alarm specialist may have set aside a zone for window protection, exit/entry delay, interior space protection, safe

2. The Digit-Key Keypad
   Lets you program arm/disarm codes, arm and disarm the system, check the condition (status) of each zone, temporarily bypass (shunt) individual or a group of zones, sound an ambush alarm, cancel entry delay, test the alarm device, reset detection devices, reset a priority with bypass zone, reset a day zone condition and test your phone line.

   Four lights, a mini-sounder and a numerical display on the Digit-Key

3. The Alarm Output
   When any zone is activated, the Control Center responds by sounding an audible alarm and/or alerting a central station (optional). Your alarm specialist has programmed your system to react in a specific manner to each type of emergency. For example, a sweep siren or steady bell will indicate a burglary; a steady siren or pulsing bell will indicate a fire. Be sure you understand how your system responds to these emergencies.

Make a check and be certain that you know what each zone protects.
Keys

NOTICE: Keys 1-9 and 3 must be held down for 2 seconds (until mini-sounder beeps) to perform their designated “Hold-Down” (“key”) functions.

Key 1: TEST
Momently sounds the burglar alarm. If no alarm is heard, or if it is weak, the battery may need replacing. Use this test weekly. (To perform this function the key must be held down until a beep is heard.)

Key 2: DISPLAY SHUNT
Numerically displays zones (1 to 8) that on zone 1 is opened. This feature only works when the alarm system is disarmed (off). To eliminate the door chime feature press this key again. (To perform both functions the key must be held down until a beep is heard.)

Key 4: INSTANT PROTECTION
 Cancels entry delay period when arming. The delay is restored after you disarm the system. (To perform this function the key must be held down until a beep is heard.)

Key 5: DOOR CHIME
This will initiate a feature that sounds a chime in the keypad each time the entry door will cancel Fault Find. (To perform this function the key must be held down until a beep is heard.)

Key 6: COMMUNICATOR CONFIDENCE TEST
(Only for systems programmed to communicate with a central station.) Pressing the key tests your phone lines. The mini-sounder will start to pulse. If the line is good, the pulsing will stop; if not, a steady tone will occur. (To perform this function the key must be held down until a beep is heard.)

Key 9: RESET
Resets any mini-sounder indication, AC power loss indication, fault find, or may be programmed to reset latched detection devices. After an alarm occurs and the system is disarmed, a numerical display will still indicate which non-24 hour zones caused the alarm. Use Key 9 to clear the display. (To perform functions the key must be held down until a beep is heard.)

Key 8: PROGRAM
Allows you to enter the programming mode. Once in this mode you can program up to 4 arm/disarm codes. Refer to “Selecting Your Codes” on page 7 for more information. (To perform this function the key must be held down until a beep is heard.)

Keys * and #: PANIC BUTTONS
Momentarily pressing these keys will activate the panic zone. Refer to “Panic Zone”, page 10 for more information.
**DIGIT-KEY KEYPAD CONTROLS**

**Indicator Lights**

**NUMERICAL DISPLAY**
- Flashing Digits 1 thru 8 - indicates which non-24 hour zones are in an alarm condition, and which day zones are in a trouble condition.
- Flashing "0" - indicates a priority condition (armed with a priority zone in trouble, armed without position 8 day zone present).

**SHUNT (Yellow)**
- Steady - one or more zones manually shunted (bypassed).

**AUX (Bottom Red)**: See pages 13 and 14 if labeled other than "AUX" or "AUX ZONE".
- Steady - zone in alarm condition
- Flashing - zone in trouble condition

**ARMED/ALARM (Red)**
- Steady - system is armed.
- Flashing - alarm on a non-24 hour zone.
- Flashing (fast) - entry delay cancelled.

**STATUS (Green)**
- Steady - system disarmed, all non-24 hour zones OK.
- Flashing - trouble on any non-24 hour zone.
- Flashing (fast) - trouble on a day zone.

- Steady Tone: a priority condition exists.
- Steady Tone (when entering): entry delay in progress.
- Beep (1 second): "Door Chime" feature on zone 1.
- Beep (2 seconds): the system is armed with a zone in trouble.
- Pulsing: a day zone or auxiliary zone (if used) is in trouble.

*(To stop Mini-Sounder "Trouble" warnings, hold down Key 9 for 2 seconds.)*
GLOSSARY OF TERMS

Abort Delay
A delay period that allows the system to be reset before it reports to a central station.

Alarm Plan
Identifies the areas of your premises protected by each zone of protection and lists zone features. (See page 15.)

Ambush Code
A one or two digit code used before an arm/disarm code that causes an alarm report to be sent to a central station.

Arm/Disarm [Personal] Codes
Up to 4 four-digit codes used to arm and disarm the system from the keypad.

Battery
Standby battery is placed in the Control Center box to provide backup protection in the event of a power loss.

Central Station
Monitors incoming burglary and emergency messages from a Digital Communicator, and security system (alarm, trouble, low battery, etc.) (optional).

Digital Communicator
Reports burglary and emergencies directly to the central station over telephone lines.

Digital Keypad
Napco's Digit-Key keypad puts Control Center functions at your fingertips. It can be mounted either at the Control Center or anywhere in your premises.

Exit/Entry Delay
Lets you exit and enter your premises without setting off an alarm after the system is armed.

Hold-Down Function
Digit keys have secondary functions that are activated by holding down a digit until a beep is heard.

Keypad Program Code
A 3-to-6-digit code used to enter or change the arm/disarm codes at the keypad.

Mini-Sounder
Buzzer at each Napco Digit-Key keypad warns that entry delay time has started. It also sounds when you attempt to arm the system if a particular zone is in "trouble" and also verifies contact with a central station (optional).

Panic Buttons
A communication sent to a central station indicating a specific change in condition of the system.

24 Hour Zones: Are armed and ready at all times to respond to an emergency situation.
You have taken a major step in protecting your home or business by having a Napco Magnum Alert-850 Alarm Control Center installed. Please read this guide thoroughly to familiarize yourself with your new security system. Keep this booklet handy for future reference. Note especially the ALARM PLAN on page 15. Your alarm specialist will help you fill it out and explain the various features and operating procedures for your new Magnum Alert-850.

**NOTICE**

You'll probably find items mentioned in this booklet which do not apply to your system. DON'T WORRY!

The Napco Magnum Alert-850 has such a wide variety of features that few, if any, security systems will ever need them all. Your alarm professional has chosen appropriate features for your situation. Ask him about them.

Your Magnum Alert-850 is carefully designed and engineered to the highest industry standards. To provide optimum safety and security with this equipment, we recommend that the user become thoroughly familiar with the unit and periodically check its condition and state of readiness.
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 properly without charge to the original purchaser or lessee.

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 for assistance.

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 guarantees 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 oral representations or statements, whether oral or written, are hereby 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 specification in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: relocate the receiving antenna; relocate the receiver; or connect the equipment into a different outlet so that the equipment and receiver are on different branch circuits.

If necessary, the user may contact 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-Television Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402, Stock No. 004-R00-00545-4.

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