OPERATING GUIDE

MAGNUM

SECURITY SYSTEM
You have taken a major step in protecting your home or business by having a Napco Magnum Alert-900 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-900.

NOTICE

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

The Napco Magnum Alert-900 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-900 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.
# Glossary of Terms

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<tr>
<th>Term</th>
<th>Description</th>
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<tr>
<td><strong>Abort Delay</strong></td>
<td>A delay period that allows the system to be disarmed by each zone of protection and none of the zone features. (See page 15)</td>
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<td><strong>Ambush Code</strong></td>
<td>A two digit code used before an arm/disarm code that causes a silent report to be sent to a central station.</td>
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<tr>
<td><strong>Arming/Disarming</strong></td>
<td>Turning your system ON or OFF. This can be done by entering a code on the digit-key keypad, or by turning an optional key-switch.</td>
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<tr>
<td><strong>Arm/Disarm (Personal) Codes</strong></td>
<td>Up to 8 four digit codes used to arm and disarm the system from the keypad.</td>
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<tr>
<td><strong>Battery</strong></td>
<td>Standby battery is placed in the Control Center box to provide backup protection in the event of a power loss.</td>
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<tr>
<td><strong>Central Station</strong></td>
<td>Monitors incoming burglary and emergency messages from a Digital Communicator, and alerts the proper authorities. (optional feature)</td>
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<td><strong>Control Center</strong></td>
<td>The heart of the Magnum Alert-900 security system; it controls all system functions.</td>
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<tr>
<td><strong>Digital Communicator</strong></td>
<td>Reports burglary and emergencies directly to the security system (alarm, trouble, low battery, etc.). (optional)</td>
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<td><strong>Exit/Entry Delay</strong></td>
<td>Lets you exit and enter your premises without setting off an alarm after the system is armed.</td>
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<tr>
<td><strong>Hold Down Function</strong></td>
<td>Delay keys have secondary functions which are activated by holding down a digit until a beep is heard.</td>
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<tr>
<td><strong>Keypad Program Code</strong></td>
<td>A 3 to 6 digit code used to enter or change the arm/disarm codes at the keypad.</td>
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<tr>
<td><strong>Mini-Sounder</strong></td>
<td>Buzzer at each Napoo Digit-Key keypad warns that entry delay is active. It also sounds when you attempt to arm the system if a particular zone is in &quot;trouble&quot;. It also verifies contact with a central station (optional).</td>
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<td><strong>Perk Buttons</strong></td>
<td>Two buttons (* and #) on the Digit-Key keypad which will alert the central station of an emergency.</td>
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<td><strong>Report</strong></td>
<td>A communication sent to a central station indicating a specific change in condition of the security system (alarm, trouble, low battery, etc.).</td>
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<tr>
<td><strong>Zones</strong></td>
<td>Independent circuits that protect specific areas of your premises. Adamant burglar, visual and audible (optional) indications at the Digit-Key keypad when in &quot;trouble&quot; during the disarmed period.</td>
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<tr>
<td><strong>Auto Shunted Zone</strong></td>
<td>A zone capable of being automatically bypassed (shunted) out of the protection system if it is in &quot;trouble&quot; (faulty) when you attempt to arm the system.</td>
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<tr>
<td><strong>Burglary Zones</strong></td>
<td>Detect intrusion.</td>
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<tr>
<td><strong>Day Zones</strong></td>
<td>A zone programmed to receive visual and audible (optional) indications at the Digit-Key keypad when in &quot;trouble&quot; during the disarmed period.</td>
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<tr>
<td><strong>Entry Follower Zone</strong></td>
<td>Provides exit and entry delay for interior doors. Entry delay only occurs if re-entry takes place through the normal exit/entry door.</td>
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<tr>
<td><strong>Group Shunt Zones</strong></td>
<td>A group of zones programmed so they can be manually bypassed (shunted) all at once.</td>
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<tr>
<td><strong>Priority Zones</strong></td>
<td>When a zone selected for the feature is in &quot;trouble&quot; it will be impossible to arm the Central.</td>
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<tr>
<td><strong>Selective Shunted Zones</strong></td>
<td>Zones that can be individually bypassed (shunted) using the Shunt Button.</td>
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<tr>
<td><strong>Trouble Zones</strong></td>
<td>Zones that cannot be armed because of an open window, door or other problem in the area.</td>
</tr>
<tr>
<td><strong>24 Hour Zones</strong></td>
<td>Zones that are always armed and ready at all times to respond to an emergency situation.</td>
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**DIGIT-KEY KEYPAD CONTROLS**

### Indicator Lights

**NUMERICAL DISPLAY**
- Flashes Digits 1 thru 9 - indicates which non-24 hour zones are in an alarm condition, and which day zones are in a trouble condition.
- Flashes "0" - indicates a priority condition (armed with a priority.
- **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.

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

### Mini-Sounder
- Steady Tone: a priority condition exists.
- Steady Tone (when entering): entry delay in progress.
- Beep (2 seconds): a zone has non-24 hour zones OK.
- Flashes - trouble on any non-24 hour zone.
- Flashes (fast) - trouble on a day zone.

(To stop Mini-Sounder "Trouble" warnings, hold down Key 9 for 2 seconds.)
Keys

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

Key 1: TEST

Momentarily sounds the burglar alarm from the battery. 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 display zones (1 to 9) that have been shunted with the "S" key. To perform this function the key must be held down until a beep is heard, and then continued to be held until the desired function is displayed.

Key 4: INSTANT PROTECTION

Cancels the exit/entry delay periods when arming. The delay is restored after you disarm the system. (To close a zone, such as a window or door, will cause the mini-sounder to sound for 2 seconds. This is helpful for testing zones and finding "swingers" (the cause of intermittent false alarms). Arming will cancel Fault Find. (To perform this function the key must be held down until a beep is heard.)

Key 5: START EXIT DELAY WITHOUT RINGBACK

Allows you to manually start the exit delay if you have the "Exit Delay After Ringback" feature programmed into your system. (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 8: PROGRAM

Allows you to enter the programming mode. Once in this mode you can program up to 8 arm/disarm codes and an access control code. 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.)

Key 9: RESET

Resets any mini-sounder indication, AC power loss indication, a priority zone trouble indication; 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.

Key 7: "*" and ": PANIC BUTTONS

Momentarily press key to manually bypass (shunt-out) a zone or zones. Refer to "Arming With Selective Zone Shunting", page 10 for more information.
UNDERSTANDING
YOUR SECURITY SYSTEM

Your Magnum Alert-900 Security System has three basic components:

1. Zones
   Your system contains nine burglary zones, 2 pre-set 24 hour zones
   (can be used for ambush, panic, etc.) and an auxiliary zone. (Auxiliary
   zones are not always used in each
   system. Check with your alarm pro-
   fessional.)

   Each zone is an independent cir-
   cuit 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
   and valuables protection or emer-
   gencies. Each zone can be “pro-
   grammed” to react in a specific
   manner. Check and be certain that
   you know what each zone protects.

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) in-
   dividual (or a group of) zones, send
   an ambush alarm, cancel exit/entry
   delay, test the battery and alarm
   device, reset detection devices,
   reset a priority condition, reset a day
   zone condition and test your phone
   line.

   Four lights, a mini-sounder and a
   numerical display on the Digit-Key
   keypad monitor the system.

3. The Alarm Output
   When any zone is activated, the
   Control Center responds by sound-
   ing 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.
   Be sure you understand how your
   system responds to these emer-
   gencies.
USING
YOUR SECURITY SYSTEM

The Digit-Key Keypad

The Digit-Key Keypad provides 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 8 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

1. Press Key 8 (hold for two seconds). This puts the system into its Programming Mode.
2. Enter your Master Code into the keypad. When the keypad accepts your Master Code it will flash its top three lights and pulse the mini-sounder.
3. You may now program up to 8 Personal Codes:
   - Press Key “S”
   - Press the Personal Code User’s Number (1-8)
   - 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

- S + 5 + Four digit Fifth User’s Personal Code
- S + 6 + Four digit Sixth User’s Personal Code
- S + 7 + Four digit Seventh User’s Personal Code
- S + 8 + Four digit Eighth User’s Personal Code

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

4. To end the programming mode, press key “O” twice.

Access Control Codes (optional)

If so installed, this code will release an electric door switch. The code is programmed as a Personal Code with a User’s number of 9.

Example: to program enter S + 9 + any four digit code.
PROTECTING YOUR PREMISES
WHILE YOU ARE AWAY

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, press Key 9 to stop the lights from blinking. Next test your standby battery by pressing Key 1. If the alarm doesn’t sound, or is weak, replace battery. Always check your battery weekly.

System Does Not Respond to Personal Code
If after an extended power failure your personal codes do not work, you can temporarily use the "Fall-back" code to operate the system. To restore personal codes, see page 7 "Selecting Your Codes".

Arming The System Before
Digit-Key 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.

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 the zone has been programmed to be a day zone, the zone will also display numerically and condition can be displayed numerically by pressing Key 3. 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 pressing Key 9. The green light will then glow steadily and the system is ready to be armed.

In Trouble
If the zone has been programmed for selective shunt, pressing the "S" key, and then the number of the zone (1 through 9) will manually shunt that zone. Group shunt zones are a group of zones that can all be manually shunted together at the...
numerically display selective or group shunted zones.

code. If there has been an extended power failure all arm/disarm
codes

Ambush Code

numerical display indication is still flashing (from a previous alarm or
day zone alert), or 3) if the top three lights are flashing due to an AC
delay failure.

May use your pre-programmed “Fallback” code to disarm the
system.

If there has been an alarm on a

code. This activates your ambush zone which is usually programmed
to send a silent alarm to a central station. (This is an optional feature.)

You Return

When you enter through the Exit/Entry door, the mini-sounder will come ON steadily for the entire entry period. Disarm the panel quickly, using your arm/disarm

tion. The cause of the alarm must be determined and removed before you rearm your system. Remember, zones (1 through 9) that are in trouble can be displayed by holding down Key 3.
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 areas while arming, and keeping your perimeter zones (windows, doors, etc.) active.

To arm, check the green light to make sure no zone is in trouble. Press the shunt button (labeled "S"), and then the number of the zone (1 disarm code to arm your remaining zones. The green light will go OFF, and the red armed/alarms 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.

Arming With Instant Protection
Pressing key 4 (until you hear a beep) will cancel the exit/entry delay on the exit/entry zone when arming. The red armed/alarms light.

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group shunt zones shunt these zones simply by pressing the "S" key twice. The yellow shunt light will come ON whenever you shunt one or more zones. Enter your arm/
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.
Abort Delay
Note which zones on your alarm plan have abort delay. This is a 16 second 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, 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 8 individual users can be identified).

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. If the exit/entry delay is programmed to start after ringback, you must wait a while for this signal before leaving. If you suspect trouble on your phone line, test it by pressing Key 6. If you do not obtain ringback, you can manually start exit delay by using Key 5 (see page 5).

Testing the Telephone Lines
To check your telephone connection with the central station, press Key 6. Once pressed, 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.
FIRE PROTECTION

The following information is applicable only when local
will pulse constantly after a 10 second delay. To silence the

Would You Like More

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

Repeating When the Trouble is Repaired. 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

If there is trouble on your fire circuit, the bottom red Fire/Trouble light will flash, and the mini-sounder

will stay ON. Press Key 9 to silence the mini-sounder. If smoke has not cleared from a smoke detector, or a thermostat has not cooled, the red
PREPARING AN ESCAPE PLAN

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

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

**Hearse each of the following activities:**

1. **Everyone in their room with the doors closed.**

2. **Discuss these escape procedures with those who use the building.**
   - Cautiously. Be ready to slam the door if smoke or heat rush in. Crawl through smoke, holding your breath.

3. **Test the door. If it is hot, use the alternate escape plan.**

5. **Everyone meet outdoors at the assigned spot.**

**IMPORTANT! Read Carefully**

2. **When the fire alarm signals, escape quickly. Do not stop to pack.**

3. **Assign someone to make sure nobody returns to the burning building.**
# ALARM PLAN

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<th>Area Protected</th>
<th>Zone Features</th>
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<th>Ambush</th>
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<th>Central Station</th>
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<th>Service Person</th>
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NAPCO LIMITED WARRANTY

NAPCO SECURITY SYSTEMS, INC. (NAPCO) warrants its products to be free from manufacturing defects in material 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 parts or components 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, neglected or exposed to any abuse or neglect which any such warranty has 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 to the user or purchaser, shipping costs prepaid and insured to NAPCO. After repair or replacement, NAPCO assumes the cost of returning product 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.

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.

Warnings: 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 system will prevent any personal injury or property loss by burglary, vandalism, fire or theft of goods. All such systems are subject to all causes provide adequate warning or protection. A properly installed and maintained alarm may only reduce risk of burglary, robbery, fire or otherwise but it is not insurance or a guarantee that these events will not occur. CONSEQUENTLY, SELLER SHALL HAVE NO LIABILITY FOR ANY PERSONAL INJURY, PROPERTY DAMAGE OR OTHER LOSS BASED ON A CLAIM THE PRODUCT FAILED TO GIVE WARNING. Therefore, the installer should in turn advise the consumer to take any and all precautions for his or her safety including, but not limited to, setting 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 determined by testing the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: 
1. located 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, D.C. 20402, Stock No. 004-000-00654-4.

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