



**BLACK BELT  
BB-5 & BB-5B  
ALARM CONTROL CENTERS**

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**NAPCO LIMITED WARRANTY**

NAPCO SECURITY SYSTEMS, INC. (NAPCO) warrants each of 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 accident, nuisance, flood, fire or acts of God, or on which any serial numbers have been altered, defaced or removed. Seller 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 of 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.

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, nor 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 commercial loss or damage, whether direct, indirect, inci-

dental, 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. Therefore, the consumer is advised 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.

This warranty shall be construed in accordance with the laws of the State of New York.

## INTRODUCTION

Congratulations. You have taken a major step in protecting the safety of those who depend upon you, your property and valuables by having a Napco BLACK BELT Alarm Control Center installed on your premises.

Please read this booklet thoroughly to familiarize yourself with your new system. Be sure to have your alarm specialist explain which of the options described here he has provided, and show you the location of each. Have him help you complete the ALARM PLAN in this booklet.

## UNDERSTANDING YOUR SECURITY SYSTEM

This section describes the basic components of your system.

(1) Each security system has two burglary protective circuits, audible and silent holdup (panic) circuits, plus an extra fire protective circuit which may be used for fire detection where permitted by local laws. (See the FIRE PROTECTION section of this booklet.) Each zone protects specific areas of your premises.

One burglary circuit has an exit/entry delay and may be set aside for the most frequently used doors, so that you can leave and return without causing an alarm. The second burglary circuit reacts instantly and may be used to protect other areas of your property where people are not expected to enter during the time your alarm system is activated.

Your alarm installer may install one or more keypads with panic buttons, or separate "panic" buttons or switches so that anyone on the premises may signal an alarm in the event of an unwarranted intrusion. Have your installer show you the location of any "panic" buttons or switches, and explain whether they cause an audible alarm, or silently alert a remote central station.

Each burglary circuit may also be protected by the BLACK BELT's optional "Phase II" back-up feature. When this feature is installed, a second unwarranted entry can signal a second alarm.

Be sure you know what each circuit protects, and whether your system uses the back-up circuit.

(2) The alarm may be activated by any of the protective circuits. When the control center senses an "alarm condition" from a burglary, fire or panic circuit, it responds by sounding an audible signal, alerting a remote central station, or both. Additionally, all your system's red MEMORY light(s) will go on to indicate an alarm has occurred. Your alarm specialist has designed your system to react in a specific manner for each type of emergency. Be sure you understand how your system will respond in each emergency condition. Note the location of all MEMORY lights.

(3) Your control center may have one or more remote stations connected to it from various conveniently located places throughout your premises. Arming stations may have digital keypads or keyswitches which you use to arm (activate) and disarm (shut off) your system. Some of these stations have a Mini-Sounder to warn, as you enter, that you will cause an alarm if you do not disarm your control center before the end of your entry time period. Keypads also provide panic buttons, and some keypads have buttons which are used to temporarily remove ("shunt") individual zones from the system.

On the front of your control center you will find a number of indicator lights. These lights display the status of your system. The yellow AC ON light should always be on, indicating AC power is properly connected. The green STATUS light is on while the control center is disarmed, showing that all burglary circuits and fuses are normal. The red ARMED light should go on when you arm your control center and off when you disarm your system. The red MEMORY light goes on when an alarm has occurred.

You should use the BELL/BATT TEST FIRE RESET switch on the front of your control center to test your system's battery monthly. The same switch is also used to cancel a fire alarm. An additional set of status lights may be installed which monitor the condition of your fire circuit.

You will also find indicator lights on remote stations. Keyswitch stations have a red ARMED light, green STATUS light and a red or yellow MEMORY light. Keypads have a the red ARMED light, the green STATUS light, and a either a red MEMORY light or a yellow SHUNT light. The SHUNT light indicates whether you have bypassed part of your burglary protective circuitry when arming your control center.

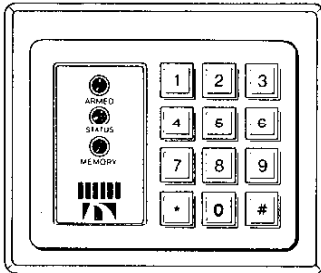
The next section, USING YOUR SECURITY SYSTEM, contains detailed instructions for these status lights and any switches you may use. Once you are familiar with the way your alarm system works, you may wish to use the INSTRUCTION SUMMARY at the end of this booklet as a reminder when you exit and enter your premises.

## USING YOUR SECURITY SYSTEM

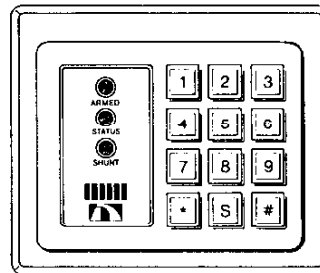
### YOUR PERSONAL CODE

#### Arming/Disarming Your System with your Keypad

If your system has one of the Digital Keypad arming stations shown in the pictures below, you choose your own personal code to arm and disarm your control center. Your system cannot be disarmed from a keypad by unauthorized persons because it responds only to your code. The red ARMED light goes on to show your system is armed, and off to show it is disarmed. If you enter the wrong code, your alarm system will not arm or disarm and the light will fail to respond.



RP-1004 DIGITAL KEYPAD



RP-1005 DIGITAL KEYPAD WITH SHUNT BUTTON

#### Selecting Your Code

Before you can arm or disarm your system with a keypad, you must select a personal code. Use any combination of exactly 4 different numbers. (Note: those keypads with an S button have no zero digit.) Use a number you will remember. For instance you may use your birthdate, if it has no repeating digits (12/46). Do not use something obvious like your address.

Your alarm specialist will program each digital keypad station to recognize the code you have chosen.

**CAUTION:** A keypad will arm or disarm your system only when you press its keys in the order matching the order of the exact code you have chosen for that particular keypad. No other code will work from that keypad, even a code which is correct for another keypad station connected to your system.

## DAILY OPERATION

This section explains normal operation. If any of the indicator lights do not turn on and off as described here, consult the INDICATOR LIGHTS AND SWITCHES section for further instructions.

### Protecting Your Premises While Unoccupied

#### Arming Before You Leave

First, check the yellow AC ON and green STATUS lights on your control center. You may alternatively check the green STATUS light on any remote arming station. These lights must be on. If a Napco station with indicators for fire circuit status is also connected to your system, the red lamp indicating fire circuit "trouble" must be off and the green lamp indicating AC power should be on. You may then use your key or your personal code to arm your control center. The red ARMED light will go on. The green STATUS light will go out.

Once the control center is armed, leave immediately through the exit/entry delay doorway. Be careful not to activate any detection devices such as floor mats or motion detectors that may be near your exit path. You must leave before the delay time runs out. If you delay too long in leaving the premises, and your alarm system has a Mini-Sounder, it will signal a local warning when the exit delay time has run out. Failure to exit within the exit delay period causes an alarm. If you hear the Mini-Sounder, quickly return and turn your key or enter your code again to reset the control center. (If an alarm was caused, immediately report it as a mistake.) You may then re-arm and try to exit again.

#### Canceling Exit/Entry Delay After Leaving (Optional)

Your alarm installer may mount an "instant/delay" keyswitch on the outside of your building. You might want to use your key after arming and leaving the building to cancel your system's entry delay period. When this keyswitch is set to the "instant" position, all your activated protection will react immediately in an alarm situation.

#### Disarming When You Return

If you have turned an "instant/delay" keyswitch on the outside of your building to cancel your system's entry delay, you must reset this keyswitch to provide the delay period for your own entry, or you will cause an alarm when you open your door.

When you enter through the exit/entry delay door, if a Mini-Sounder has been installed, it will sound a warning. Quickly use your key or keypad to disarm the system and silence any Mini-Sounder warning. The red ARMED light will go off.

Check the red MEMORY light. If it is on, an alarm occurred while you were gone. In case of an alarm, some of your circuits will automatically stop signaling or sounding the emergency after a predetermined period. Others, such as your fire sounder, continue to signal until reset from the control center as described below. Even if an alarm signal "times out", the cause of the alarm must be removed before the control center can again be armed. For example, if any windows have been broken, they must be fixed.

When no alarm condition exists on either burglary circuit, the green light should be lit while the control center is disarmed. If there has been an alarm, as indicated by the MEMORY light, all green STATUS lights will fail to light if a burglary circuit is still in alarm condition. (See the STATUS LIGHTS AND SWITCHES section - STATUS Light - for suggestions on fixing a zone in "trouble".) After the cause of the alarm condition is removed or repaired, arming (and optionally disarming) your control center again will reset the MEMORY light.

If there has been an alarm on the fire circuit, be sure any thermostats have cooled, then push the BELL/BATT TEST FIRE RESET switch on the front of your control center to reset your fire circuit.

### Protecting The Premises When Occupied

If your system operates in either of the two following ways, occupants can benefit from protection without causing unwanted alarms: (a) your alarm system has been wired so that all interior protection can be shunted from a digital keypad arming station, or (b) your alarm system provides protection only to perimeter

areas and those interior areas where occupants would not normally pass.

### Arming With Shunting

If the interior wiring of your premises has been wired in a manner that permits "shunting" (bypassing) from a keypad, you can use the S button when arming from the digital keypad to turn off protection in the interior areas, while still activating your perimeter protection.

To arm with interior protection shunted, first check that the green STATUS light is on (and, if provided, any red fire circuit "trouble" lights are off) to make sure all circuits are functioning normally. From the keypad, press the SHUNT button, labeled "S", and within 15 seconds enter your code. If you have entered your code correctly, the yellow SHUNT light will go on. After a 1 to 2 second delay, the red ARMED light will go on and the green STATUS light on the keypad station will go out.

If you decide to leave your premises, you must disarm your system and re-arm it to both activate interior protection and prevent an alarm when you open the door. To disarm, enter your code. If you have entered your code correctly, the red ARMED light will go off and the green STATUS light will go on. After 1 to 2 seconds, the yellow SHUNT light will go off. You can then re-arm your control center.

Remember, if you press the wrong keys when attempting to enter your code, the lights will not respond as described above, and you must wait 3 seconds before trying again to enter the correct code.

### Arming With Exit/Entry Delay Canceled (Optional)

Your alarm installer may provide an instant/delay switch for you. This switch can be used to cancel the exit/entry delay for your doors. You might want to put this switch in the "instant" position before arming when remaining inside. When this switch is set to the "instant" position, all your activated protection will react immediately in an alarm situation. Before leaving, remember to first disarm the control center and reset the instant/delay switch to "delay" before re-arming and leaving.

### Panic Alarm

You may have digital keypad arming stations or your alarm installer may have connected one or more "panic" buttons or switches to your system. If an intruder enters, push the "\*" and "#" keys on your keypad at the same time, a "panic" button, or "panic" switch to cause an alarm. Your alarm specialist will tell you whether the panic alarm will be audible on the premises or silently dial a central station.

## FIRE PROTECTION

NOTE: Fire protection information is applicable only where local ordinance permits use of your alarm control center for fire detection.

### Controlling Your Fire Circuit

If your system has smoke detectors or thermostats, you have 24 hour fire protection. You control your fire circuit as follows:

Check for AC Power - Check either the AC ON light on the front of your control center or the green light on the optional fire monitoring station that may have been installed. If either light is off, follow the instructions for the AC ON light in the INDICATOR LIGHTS AND SWITCHES section, following this section.

Check for Fire Circuit Trouble - If your alarm installer has connected any an optional fire monitoring station, the red light on this station remains off while the supervised fire circuit is functioning normally. If there is a break in your fire circuit, the red lamp lights and the Mini-Sounder goes on. Placing the switch (on the fire monitoring station) in the TROUBLE position silences the sounder until the circuit is repaired. Once the source of trouble is removed, the sounder will go on again. Slide the TROUBLE switch to NORMAL to silence the sounder and rearm your fire circuit.

Reset Fire Detectors After an Alarm - To clear the smoke detectors after an alarm, press the BELL/BATT TEST FIRE RESET switch on the front of the control center for several seconds.

### Preparing an Escape Plan

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

Draw a floor plan of your building showing two alternate escape routes from each room, one through a window and one through the front or back door. Mark a meeting place for the occupants of your premises outside the building. (See the ALARM PLAN near the end of this booklet.)

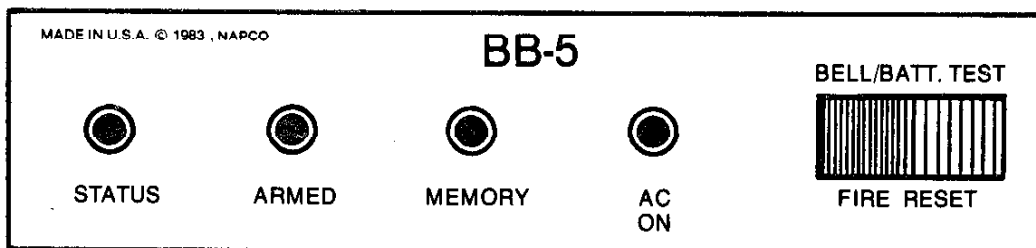
Explain the escape procedure with those who use the building: (1) If the premises is a residence, always sleep with the bedroom door closed. A closed door will hold back smoke and give more time to escape. (2) When the alarm goes off, move quickly. Do not stop to pack. (3) Check the door. If the door is hot, use the window. If the door is cool, open it slowly. Be prepared to slam it shut if smoke or heat rushes in. If you leave through the door, hold your breath and crawl through the smoke. Close the doors again on leaving, because this will help prevent the fire from spreading. (4) Once outside, stay there. One person should make sure no one returns to the burning building. Another should telephone the fire department from a neighboring premises.

Rehearse the escape procedures together. Practice exiting through both doors and windows. At the end of each fire drill, everyone who left the building should meet outside at the designated location.

### INDICATOR LIGHTS AND SWITCHES

#### Control Center (and Arming Stations)

If your system has arming stations mounted remotely from the control center, some of the lights on the control center will be duplicated there.



#### STATUS Light (Green)

This light stays ON while the control center is disarmed, as long as all burglary circuits and fuses are normal. If the green light on the front of the control center is not on:

- (1) Do not arm your system.
- (2) One of your burglary circuits may still be in alarm condition after an alarm or in "trouble" for some other reason. CAUTION: If you try to arm your system with a circuit in "trouble", you may cause an alarm. Look for something you can fix yourself in the area protected by the circuit(s) in trouble. For example, look for an open door, or open window. If the trouble cannot be fixed immediately, call your service person.
- (3) If all the burglary circuits are intact, check in case either of the fuses on the control center circuit board needs to be replaced. CAUTION: If your control center has tamper switch protection, before opening cabinet door, read Tamper Switch description (Optional Switches section, following).

#### ARMED Light (Red)

This light is ON when the control center is armed, and is off when the control center is disarmed. If you attempt to arm your control center and the ARMED light

does not go on:

- (1) You may have entered an incorrect code through a digital keypad. Wait 3 seconds before trying to arm or disarm again.
- (2) One of your circuits may still be in an alarm condition or in "trouble". Follow step (2) for the STATUS light, above.
- (3) There may be no power. See the instructions for the AC ON light and BELL/BATT TEST FIRE RESET switch, below.

#### MEMORY Light (Red on Panel; Yellow on Keypad)

This light goes on when an alarm occurs, and remains on after the control center has been disarmed as a reminder that a service call may be required before the system can be re-armed. Once all circuits are operating normally, arming the control center again resets alarm memory and turns off the light.

#### AC ON Light (Yellow)

This light should always remain on, to indicate normal AC power supply to your alarm system. If the yellow AC ON light goes off:

- (1) Check the lights in your building to make sure there is no general power outage.
- (2) Make sure the transformer (the small plastic or metal box at the end of the power cord on your control center) is plugged into an AC wall outlet that receives continuous power supply. If the transformer is not plugged into the wall, reconnect it. If it is plugged in, but the wall outlet is one which can be switched off with a common circuit breaker, move the transformer to an outlet that is never switched off. CAUTION: Connecting the transformer to an outlet that can be switched off will cause a false alarm when the internal battery completely discharges.
- (3) See if either of the fuses located on the control center circuit board needs replacement. CAUTION: If your control center has tamper switch protection, before opening cabinet door, read Tamper Switch description (Optional Switches section, following).

Your control system has a standby battery in case AC power is lost temporarily. Be sure to read the BELL/BATT TEST FIRE RESET Switch instructions for maintaining that battery.

#### BELL/BATT TEST FIRE RESET Switch

This switch, when pressed, supplies current from the standby battery to the alarm circuit siren or bell. If the alarm sounds weak or does not sound at all, the cause could be either the standby battery, siren or bell. The average standby time of the Gel-type battery following a power cut is 6 hours. If your battery needs recharging, a reasonable charging time of two days is required before the battery is fully charged.

This switch is also used to reset the fire circuit after a fire alarm. Press the switch to silence the fire alarm signal and re-arm the fire protective circuit.

#### Optional Switches and Additional Arming Station Buttons

Your alarm installer may have provided optional Instant/Delay or Panic switches. You may have a digital keypad arming station with panic and shunt buttons. These are explained in the DAILY OPERATION section.

**Tamper Switch** - Tamper switches may be installed to guard against removal of the control center cabinet from the wall and/or opening of the control center door. If your control center has tamper switch protection, opening the control center door causes an alarm. Consult your serviceperson or alert the central station and/or police before opening the door. Close the cabinet door, arm and disarm your control center to reset the alarm.

**Fire Remote Station** - If you have fire protection, your alarm specialist may have installed optional fire monitoring stations. These are described in the FIRE PROTECTION section.

# ALARM PLAN

## Burglary Protection

Exit/Entry Delay Circuit protects:

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Instant Circuit protects:

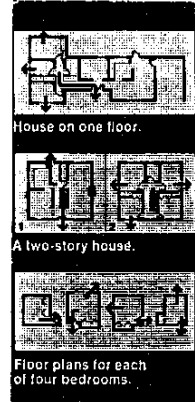
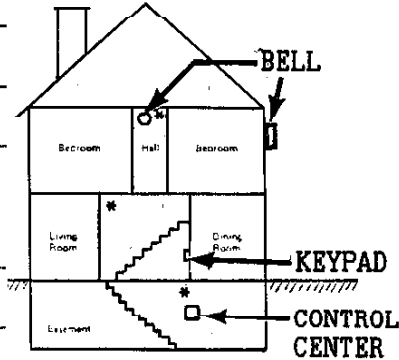
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Shunt effects:

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## Fire Protection

The pictures below show a sample alarm plan and floor plan for a house. Have your alarm specialist show you the location of all fire detectors and arming stations. Draw floor plans for your premises, showing two exits from each room and a meeting place outside. Be sure all occupants are familiar with the plan.



A smoke detector (\*) should be located on each floor.

CENTRAL STATION ----- TELEPHONE # -----

SERVICE PERSON ----- TELEPHONE # -----

## INSTRUCTION SUMMARY

### Exiting

- (1) Close all protected windows and doors.
- (2) Check green STATUS light. If off, circuit has trouble and must be fixed.
- (3) Turn optional interior "instant/delay" switch to delay.
- (4) If green light on, use key or code to arm control center. ARMED light goes on.
- (5) Leave quickly through exit delay door.
- (6) Lock exit door. Or, set exterior instant/delay switch to "instant".

### Entering

- (1) Set optional exterior instant/delay switch to "delay".
- (2) Unlock and open entry door. Mini-sounder signals start of entry delay period.
- (3) Quickly use key or code to disarm. Red ARMED light goes off.
- (4) STATUS light should go on. If not, check red MEMORY light for possible alarm.
- (5) If green light goes on, use Shunt button and/or interior "instant/delay" switch (if provided) to re-arm with instant perimeter protection.