EN 200C

EMERGENCY NETWORKS, INC.™

1-800-426-0294

A WORD ABOUT YOUR SYSTEM

The EN200 security system has been designed to give you the greatest possible flexibility and convenience. Read the manual carefully and become familiar with the operation of your security system. Your installer will tell you which commands listed in this manual apply to your particular security system. Fill out the system reference sheet in this booklet and store it in a secure place for future reference. The label provided for the inside of the keypad door can be used to record which sensors are on each zone.

IMPORTANT NOTE

Remember that no security system can prevent emergencies. It is only intended to alert you in case of an emergency and should not take the place of prudent security practices or insurance.

It is important to test your system every week. To do this, first inform the monitoring station that you are testing your system. Then, with the system disarmed, activate all detection sensors one at a time and observe the zone light come on at the keypad as each sensor is activated. Perform a bell test by entering [*] [6] [MASTER CODE] [8] with the system disarmed. The EN200 can be programmed at the time of installation to automatically perform a test transmission to the monitoring station on a regular basis. If this has not been done, check with the monitoring station for instructions on how to perform a test transmission. Don't forget to inform the monitoring station when you have finished your test.

Check to see if the "TROUBLE" light is on when arming the system. See the "TROUBLE DISPLAY" section in this manual for a description of the different trouble conditions. Contact your installer for assistance if the cause of the trouble cannot be located and corrected.

HOW YOUR SYSTEM WORKS

Your security system is made up of a EN200 control panel, one or more keypads and various detectors and sensors. The EN200 control panel will be mounted out of the way in a utility room or closet. The metal cabinet contains the system electronics, fuses and standby battery. There is normally no reason for anyone but the installer to have to access the control panel. The keypads have an audible indicator, display lights and command entry keys. The keypad is used to send commands to the system and to display the current system status. They are mounted in convenient areas close to the exit-entry doors. The security system has up to eight zones or areas of protection. To each of these zones will be connected one or more detection sensors such as door or window contacts, motion detectors, glass break detectors or vibration or shock sensors. When a sensor is in alarm, a keypad light will be on to indicate which zone is in alarm.

SYSTEM REFERENCE

Zone Number	Protected Area	Zone Type
1	_____	_____
2	_____	_____
3	_____	_____
4	_____	_____
5	_____	_____
6	_____	_____
7	_____	_____
8	_____	_____

Fire _____

Keypad Zone [P] _____

Keypad Zone [F] _____

Keypad Zone [E] _____

Master Code Number _____

Programmed Code Numbers

_____ _____ _____ _____

_____ _____ _____ _____

Monitoring Station Information

    Account # _____

    Telephone # _____

Notes

MASTER CODE

The 4 digit master code is used for arming and disarming the security system, for programming additional security codes and for changing other features. The master code will be supplied to you by your installer. With exception of "KEYPAD ZONE" activation, all keypad entries are made by pressing only one key at a time.

ARMING

Close all protected doors and windows and stop movement in areas covered by motion detectors. If "SHUNT" light is on, be sure zones are being intentionally by-passed before arming the system (see ZONE BY-PASSING). Check to see that the "READY" light is on (all zones are closed). The system cannot be armed unless the "READY" light is on. Enter a [4-digit security code]. As each digit is entered the keypad sounder will beep. The "ARMED" light will come on and the keypad sounder will beep quickly. If the security code was entered incorrectly or the "READY" light was not on, the keypad sounder will beep steadily for 2 seconds. When the correct code is entered and the system is armed, exit the premise through the door indicated by your installer as the exit-entry door. At the end of the allowed exit time all lights on the keypad will go out except the "ARMED" light. The exit time delay may be increased by your installer. Also see, QUICK-ARM command.

"AT HOME ARMING"

To have your security system armed while you are at home enter [*] [9] before the arming code. This "AT-HOME" arming arms the system eliminating the entry time delay from the delay door so it is important not to leave the premises or let anyone in before the system is disarmed because an alarm will sound immediately.
NOTE: (optional) Your Motion Detector can be programmed to auto bypass when using this feature. But must be done by the installer.

DISARMING

Enter the premise only through the door indicated by your installer as the entry door. The keypad sounder will be on. Go to the keypad and enter the [4 digit security code]. If an error is made in entering the code, press the [#] key and enter the code again. The "ARMED" light will go out and the keypad sounder will stop. The correct security code must be entered before the allowed entry time expires. The entry delay time may be changed by your installer. If an alarm occured while the panel was armed, the "MEMORY" light and the "ZONE" light which caused the alarm will start to flash and stay flashing for 2 minutes. At the end of 2 minutes the lights will stop flashing and the keypad will return to the normal "READY" (arm/disarm) condition.

NOTE: See Section on Alarm Memory Display

ZONE BY-PASSING (SHUNTING)

Shunted zones do not cause an alarm. Use zone shunting when access is needed to part of the protected area. Also, damaged wiring or contacts on a zone may be temporarily shunted until repairs can be made so that the panel can be armed.

To shunt zones, enter [*],[1],[SECURITY CODE] and the zone number(s) to be shunted. If the [0] key is pressed (after having pressed [*],[1],[SECURITY CODE]) all zone shunts will be removed. If the [9] key is pressed the last group of zones which was by-passed will be recalled. Press [#] to return to "READY" (arm/disarm condition).

For security reasons your installer may prevent the by-pass command from operating on some zones.

The "SHUNT" light is on as long as at least one zone is shunted. Do not unintentionally shunt zones when arming. Zone shunts are automatically cancelled each time the panel is disarmed and must be re-applied before the next arming.

TROUBLE DISPLAY

The EN200 continuously monitors a number of possible trouble conditions. If one of these conditions occurs, the keypad sounder will beep quickly twice every 10 seconds and the keypad "TROUBLE" indicator will light. Pressing any key on the keypad will silence the beeper but the trouble light will remain on until the trouble condition is cleared. If you cannot determine the cause of the trouble condition contact your installer for assistance.

Press the [*] then [2] keys to display the type of trouble. The "ZONE" lights indicate the type of trouble condition.

    1 - DEFECTIVE STANDBY BATTERY
    2 - AC POWER FAILURE
    3 - NOT USED
    4 - TELEPHONE LINE PROBLEM
    5 - UNSUCCESSFUL COMMUNICATION ATTEMPT
        WITH MONITORING STATION
    6 - BELL CIRCUIT FAILURE
    7 - SMOKE DETECTOR CIRCUIT TROUBLE
    8 - LOSS OF TIME ON SYSTEM CLOCK

Press the [#] to return to "READY."

READY light "on" system ready for arming.
READY light "off" open zone. Must be closed or by-passed before arming.

ZONE light(s) when on in the normal operating mode indicate an open zone. eg: open door, window, etc. Refer to zone chart on keypad door for zone information.

FIRE light is on when a detector on the fire loop is in alarm. Press any key within 30 seconds of first alarm to get 2 minutes to reset detector. Press [*], [4] to reset smoke detectors.
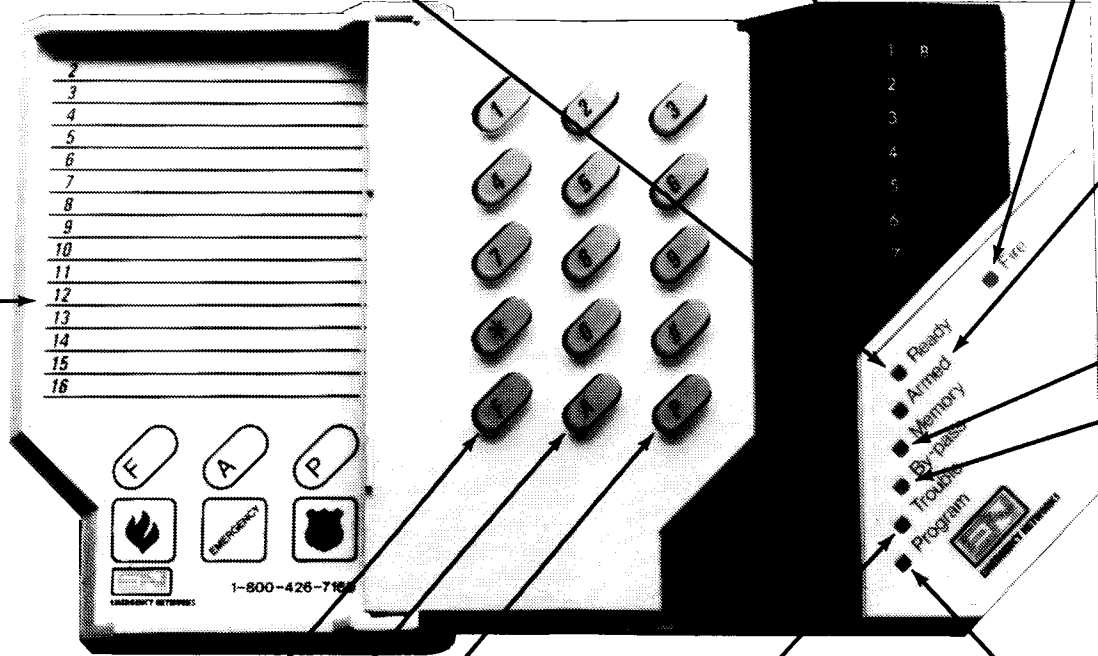
ARMED light will come on indicating system armed. Ensure **READY** light on, enter 4 digit code.

MEMORY light on means an alarm has occurred. To display zone that caused alarm, press [*] then [3]. Zone light will come on indicating which zone caused alarm.

Key pad door has zone identification and basic user instructions. Protects keypad when keypad not in use.

BYPASS light will come on when you by-pass a zone. To by-pass a zone, press [*], [1], [MASTER CODE] and then the zone(s) you wish to by-pass. Press [#] to return to ready.

Hold down F key for the fire alarm.

Hold down A key to summon emergency alert.

Hold down P key to summon police.

TROUBLE light on means there is a fault on the system. Press [*] then [2] to display trouble type:

1. Battery
2. A.C. Power
3. Not used
4. Telephone line
5. Communicator
6. Bell curcuit
7. Smoke detector circuit
8. Clock needs resetting

PROGRAM light is on when you program user codes. Press [*] then [5] then enter Master Code, program light will come on. Select which code you wish to program 2 thru 7, then enter 4 digit code. Press [#] to return to ready. Program light must be "on" to add or change user codes.

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ALARM MEMORY DISPLAY

If the "MEMORY" light is on, an alarm has occured since the last time the panel was armed. The alarm memory will automatically be displayed when the system is disarmed (see "DISARMING").

Press [*] then [3] keys to display which zone caused the alarm.

The memory will be cleared when the panel is re-armed.

Press [#] to return to "READY."

SMOKE DETECTOR AND FIRE ALARM RESET
If your system is equipped with smoke detectors or other fire alarm detectors use the following instructions for resetting an alarm. Before resetting a fire alarm signal be sure that you know the source of the alarm and that there is no danger.

The system bell or siren pulses on 2 seconds and off 2 seconds when the alarm is generated by a detector connected to the fire circuit. The transmission to the monitoring station is delayed by 30 seconds. The bells may be silenced and the transmission delayed for 2 minutes by pressing any key on the keypad. If the detector causing the alarm is reset before the 2 minute delay expires no further alarm will occur. If the detector is not reset at the end of the delay the alarm bells will start again and the transmission will occur in 30 seconds if a keypad key is not pressed.

An immediate fire alarm signal and transmission is generated by holding down the [F] key.

Some smoke detectors require entering a keypad command to reset them after an alarm. Press [*] then hold down the [4] key for several seconds. If the smoke has cleared, the smoke detectors will reset and the fire zone light will go out when the [4] key is released. If the smoke has not cleared open a window or door and fan clean air into the detector then try resetting the detector again.

PROGRAMMING ADDITIONAL SECURITY CODES

Enter [*],[5] and [MASTER CODE]. The "PROGRAM" light will flash and the "ZONE" lights will show which codes have already been programmed (up to 6 codes in addition to the master code can be programmed from the keypad).

Press any key from [2 to 7] to indicate which one of the 6 additional codes is being programmed. The "ZONE" light will flash to indicate which code is being programmed.

Enter a [4 DIGIT CODE]. At this point if [****] instead of a [4 digit code] is entered, any previously programmed code in this location will be eliminated.

To review:
    programming a new code;
        enter [*],[5],[master code],[2 to 7],[4 digit code].

    eliminating an existing code;
        enter [*],[5],[master code],[2 to 7],[****]
Press [#] to return to "READY."

"QUICK ARM" FEATURE

When the "QUICK ARM" feature is enabled the panel may be armed simply by entering [*],[0] instead of a 4 digit code. The [*],[0] command will not disarm the panel.

Enter [*],[6],[MASTER CODE],[4] to turn on and off the "QUICK ARM" feature. When the command is entered, the keypad wil beep 3 times if the command is being enabled and will sound one long beep if the command is being disabled.

Press [#] to return to "READY."

DOOR CHIME FEATURE

The DOOR CHIME feature is used, while the panel is disarmed, to provide a tone from the keypad each time a door or window is opened or closed.

The doors and windows which will provide indication are programmed by your installer.

Enter [*],[6],[MASTER CODE],[6] to turn on and off the DOOR CHIME. When the command is entered, the keypad will beep 3 times if the command is being enabled and will sound one long beep if the command is being disabled.
Press [#] to return to "READY."

ALARM TEST

Enter [*],[6],[MASTER CODE],[8] for a 2 second test of the keypad lights, keypad sounder and alarm bells.

Press [#] to return to "READY."

KEYPAD ZONES

There are three zones which can be activated from the keypad. These zones may or may not be active on your keypads depending on how your installer has programmed them. The "FIRE" keypad zone is activated by pressing the keypad key marked with an [F] on it. The siren/bell output from this zone pulses on and off. This zone is annunciated by the "FIRE" light on the keypad. The second or "EMERGENCY" keypad zone is activated by pressing the keypad key marked with an [A] on it. The third or "POLICE" keypad zone is activated by pressing the keypad key marked with a [P] on it. Depending on how they are programmed, the 2nd and 3rd keypad zones may be silent or audible alarms with alarm transmissions. Talk to your installer for details on which keypad zones have been programmed to function and their purpose.

FCC COMPLIANCE

This equipment generates and uses radio frequency energy and if not installed and used properly, in strict accordance with the manufacturers instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for 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 any residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to television or radio 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 the computer and
receiver are on different 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 FCC 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 # 004-000-00345-4.