

**SUPERVISED WIRELESS
SECURITY SYSTEM**



OWNER'S MANUAL

Optional Features Checklist

Your system has been custom designed to meet your specific requirements and may not include all of the features described in this manual. Below, your installer has indicated the arming devices and optional features included with your Wireless Guardian security system.

Arming Devices Included:	<input type="checkbox"/> KP130 keypad <input type="checkbox"/> FA130 keypad <input type="checkbox"/> Keyswitch <input type="checkbox"/> FA100 remote <input type="checkbox"/> FA113 remote
	<ul style="list-style-type: none"> <input type="checkbox"/> Signal Monitoring Service: The system telephones reports to a signal monitoring center. <input type="checkbox"/> Special keypad operations: (requires the KP130 keypad and master code) Allows you to use the <u>Bypass Points</u>, <u>Clear Memory</u>, <u>Review Points</u>, <u>Review Alarms</u>, <u>Program Codes</u>, <u>Test Telcom</u> and <u>Reset H/W Smokes</u> operations. <input type="checkbox"/> CUSTOM arming: Allows you to arm specific sensors for a custom application. <input type="checkbox"/> Opening / closing reports: The system sends a special report to the monitoring center each time it is armed and disarmed. <input type="checkbox"/> 24-hour devices: Sensors, such as smoke detectors, that will always alarm if activated, even when the system is not armed. <input type="checkbox"/> Easy arming: Enables the use of keypad emergency buttons and allows you to arm the system without entering a four-digit code. <input type="checkbox"/> Force arming: Allows you to override a system trouble condition that is preventing the system from being armed. <input type="checkbox"/> Master code: A four-digit code that allows access to the special keypad operations in addition to being used to arm and disarm the system. <input type="checkbox"/> User code: A four-digit code used to arm and disarm the system. <i>User Code #1 can be programmed to operate only during a limited time period.</i> <input type="checkbox"/> Duress code: A four-digit code that phones a silent duress alarm to a signal monitoring center. This code is used when you are forced to disarm your security system against your will. <input type="checkbox"/> Chime: A pleasant-sounding tone to announce the entry or exit of someone through selected areas. <input type="checkbox"/> Alert (local) Allows you to activate warning devices such as sirens and strobes. <input type="checkbox"/> Alert (monitored) Allows you to summon help by pressing a button on the FA100 and FA113 wireless remote controls.

Service Phone: _____ Signal Monitoring Center Phone: _____

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* Check the optional features checklist at the front of this manual to find out if this section applies to your installation.

**** Test your system weekly.**

Overview

Welcome to the Wireless Guardian security system. The Wireless Guardian is a state of the art security system that will provide you with many years of reliable protection. To get the maximum benefit from your system, read through the sections of this manual that apply to your installation. A glossary is provided to help explain unfamiliar terms.

The Wireless Guardian system consists of arming devices, a control panel, and various types of sensors:

- Arming devices allow you to arm (turn on) and disarm (turn off) your system. Arming devices that may be included with your system are the KP130 keypad, FA130 wireless keypad, FA100 and FA113 remote controls and hardwire keyswitch.
- The control panel is the electronic “brain” of the Wireless Guardian, housed in a metal cabinet.
- Sensors are the eyes and ears of the Wireless Guardian. 24-hour sensors, such as smoke detectors, will always send alarms if activated, regardless of whether the system is armed or not. Intrusion detecting sensors can be turned on and off with the arming devices.

Turning the system on and off

As your installer will demonstrate, you arm and disarm the security system by following the procedures for each type of arming device on the following pages.

You can arm the Wireless Guardian in three different levels of protection, STAY, AWAY, and CUSTOM. The STAY and CUSTOM levels may be armed in either an instant or delayed mode. The arming level you choose determines which sensors will be armed and whether or not there will be an exit or entry delay:

- Perimeter sensors monitor doors and windows to detect intruders attempting to enter a building from outside.
- Interior sensors detect intruders inside a building.
- The Exit Delay gives you time to leave the premises after arming the system. All intrusion sensors are delayed during the Exit Delay.
- The Entry Delay gives you time to enter and disarm the system when you return. Only designated sensors are delayed. Your installer will brief you on the recommended entry path to follow to disarm your system.

- | | |
|--|---|
| STAY instant mode | In this mode, all perimeter sensors are armed, but interior sensors are not armed. This allows you to move freely inside the premises without triggering an alarm, but an intruder will be detected instantly. |
| STAY delayed mode | This mode arms perimeter sensors as before, but the system has an exit and entry delay. This allows you to move freely inside the premises and allows others to leave and return without instantly triggering an alarm. |
| AWAY mode | This mode arms both interior and perimeter sensors. Use this mode when you are leaving the premises. There will be an exit and entry delay. |
| CUSTOM instant and delayed mode | This mode arms selected sensors that you have chosen for a custom application. For example, at night you may want your home perimeter and interior sensors to be armed downstairs while only perimeter sensors are armed upstairs. Like the STAY mode, this mode can also be either instant or delayed. |

Arming Device Instructions

This section provides details about using each of the five arming devices that can be used with the Wireless Guardian: the KP130 keypad, FA130 wireless keypad, FA100 and FA113 remote controls, and keyswitch. Read the sections about the devices included with your system.

Your system may have the force arming feature*. Force arming allows you to arm the system even if the system indicates a trouble condition, such as a door left open. Force arming can only be accomplished if enabled by your dealer.

Using the KP130 keypad

The KP130 keypad features a liquid crystal display (LCD) to indicate whether the system is armed or disarmed and to guide you through the use of other system functions. Status tones (described separately in the Operating Instructions section on page 8) also give you feedback on the arming state of the system.

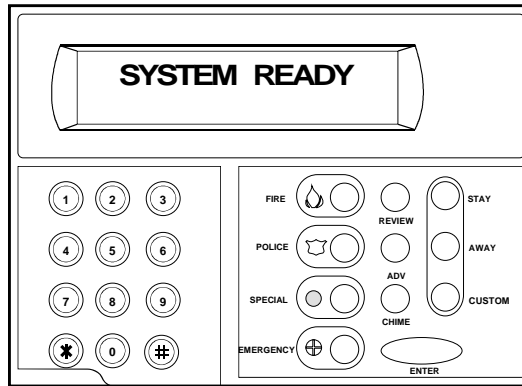


Figure 1 - KP130 keypad

Arming the system

If there are trouble conditions, the LCD reads “**SYSTEM NOT READY**”.



1. If the LCD reads “**SYSTEM NOT READY**”, then there is a system trouble condition. If possible, correct the problem. It may be as simple as a door left open. To display the problem, press [REVIEW]. Refer to "Reviewing alarms and troubles" on page 10 for more information.

If you are unable to correct the problem right away, to arm the system you must either bypass the point or force arm* the system.

To bypass a point, see the procedure on page 12.

If the force arm* option is enabled, enter your four-digit code as before (or press [ENTER] if Easy Arming is enabled), then press [STAY], [AWAY], or [CUSTOM]. The LCD shows “**WAITING / System Forced On**” for the STAY and CUSTOM modes. From this point, you can press [STAY] or [CUSTOM] again to enter the instant mode. In AWAY mode the LCD shows “**GOOD BYE / System Forced On**” until the exit time expires.

When the system is force armed, problem sensors are ignored by the system until the trouble is corrected. Because this leaves part of your premises unprotected, be sure to call your installer as soon as possible to service the system if you are unable to resolve the problem.

If there is a trouble condition and force arming is not enabled, the system cannot be armed until the problem is fixed or manually bypassed.



* Check the optional features checklist at the front of this manual to find out if this section applies to your installation. .

Arming the system

SYSTEM READY

- If there are no trouble conditions, the LCD reads "**SYSTEM READY**".
- Enter your four-digit code. (If Easy Arming is enabled, press [ENTER].) The keypad beeps as each key is pressed.

WAITING

- Press [STAY], [AWAY], or [CUSTOM].

STAY mode: "Someone will remain inside."

If you press [STAY], the LCD reads "**WAITING**" during the period of the exit delay. After the exit delay, the system is armed and the LCD reads "**SYSTEM ON / Delay Mode**". Perimeter sensors are armed, and the system is ready to provide the programmed entry delay.

If you want STAY instant mode, press [STAY] again during the exit delay. The display reads "**SYSTEM ON / Instant!**" and the exit and entry delay feature is eliminated.



Good Bye

AWAY mode: "I'm leaving."

If you press [AWAY], the LCD reads "**Good Bye**" during the exit delay. Leave the premises immediately. After the exit delay, the system is armed in the AWAY mode. The LCD reads "**System ON**". Both perimeter and interior sensors are armed, and the system provides the programmed entry delay when you return.



WAITING

CUSTOM mode: "I want only specific areas to be protected."

If you press [CUSTOM], the system is armed in the CUSTOM delay mode. Press [CUSTOM] again during the exit delay to enter the CUSTOM instant mode. Only sensors programmed to be active in the CUSTOM mode are armed.

**Disarming the system**

- Enter the premises through the entry path you established with your installer. If the entry warning tone is enabled, the status speaker in the KP130 keypad will sound a single repeating tone.
- To disarm the system from any mode, enter your four-digit code. The LCD briefly shows "**SYSTEM OFF**" and then shows "**SYSTEM READY**" or "**SYSTEM NOT READY**".
- If an alarm has occurred during your absence, the red arming lights will be flashing. After disarming, press [REVIEW] to view any other sensors which may have also been triggered. Refer to "Reviewing alarms and troubles" on page 10 for more information. After you have reviewed the alarm information, enter your four-digit code again. This will let the system know you are aware of the alarm that occurred, and return it to normal operating mode. "**SYSTEM READY**" or "**SYSTEM NOT READY**" will be displayed.

Note: If you enter three incorrect codes within a ten second period, the system will ignore all disarming attempts for a period of ten seconds. This is to prevent an intruder from being able to disarm your system by simply trying different codes.

Special function keys

The use of the [FIRE], [EMERGENCY], [POLICE], [SPECIAL], and [CHIME] keys on the KP130 keypad is described on page 15 of this manual under "Optional keypad functions" .

Easy Arming MUST BE ENABLED for these keys to work!

Using the FA130 wireless keypad

The FA130 wireless keypad duplicates the functions of the KP130 hardwire keypad. FA130 cause status tones to be emitted from the KP130 keypad to annunciate the arming or disarming of the system.

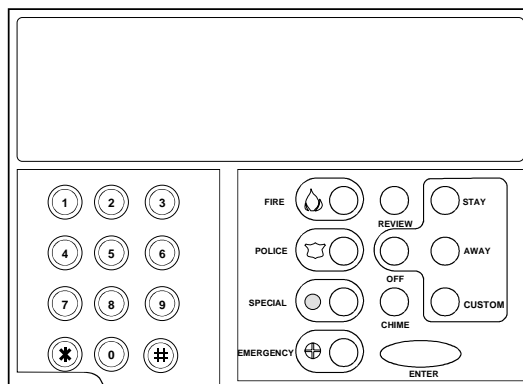


Figure 2 - FA130 wireless keypad

- Arming the system**
1. Enter your four-digit code or if Easy Arming is enabled, press [ENTER].
 2. Press [STAY], [AWAY], or [CUSTOM].

STAY mode: "Someone will remain inside."



If you press [STAY], you hear three descending tones. After the exit delay, the system is armed in the STAY delay mode and sounds the three descending tones again. Perimeter sensors are armed, and the system is ready to provide the programmed entry delay. If you want STAY instant mode, press [STAY] again during the exit delay. You hear the three descending tones again and the exit and entry delay feature is eliminated.

AWAY mode: "I'm leaving."



If you press [AWAY], you hear four alternating tones. Leave the premises immediately. After the exit delay, the system is armed in the AWAY mode and sounds the four alternating tones again. Both perimeter and interior sensors are armed, and the system provides the programmed entry delay when you return.

CUSTOM mode: "I want only specific areas to be protected."



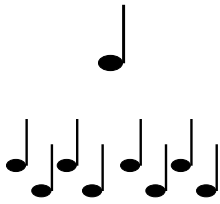
If you press [CUSTOM], the system is armed in the CUSTOM delay mode after sounding the three tone sequence. Press [CUSTOM] again during the exit delay to enter CUSTOM instant mode. Only sensors programmed to be active in the CUSTOM mode are armed.

3. **If you hear an eight tone "tweedle" warning instead of or in addition to the arming tones, there is a system trouble.** If your system is programmed with force arming*, the system will arm over the trouble. The system arms all sensors except the one with the problem. If possible, correct the problem. It may be as simple as a door left open. To display the problem, you need to press the [REVIEW] key at the KP130 keypad. Refer to Reviewing alarms and troubles on page 10 for more information.



Once again, when the system is force armed, the problem sensor is bypassed until the trouble is corrected. Because the degree of security designed for your system is reduced, be sure to call your installer as soon as possible to service the system if you are unable to resolve the problem. If there is a trouble and force arming is not programmed, the system cannot be armed until the problem is fixed or manually bypassed (see page 12).

* Check the optional features checklist at the front of this manual to find out if this section applies to your installation. .

Disarming the system

1. Enter the premises through the entry path you established with your installer. The status speaker in the KP130 keypad will sound a single repeating tone.
2. To disarm the system from any mode, enter your four-digit code and press [OFF]. You hear a single tone.
3. If you hear an eight-tone "tweedle" warning after disarming, there has been an alarm in your absence. Use the KP130 keypad to review what problem occurred. Refer to Reviewing alarms and troubles on page 10 for more information.

Special function keys

The use of the [FIRE], [EMERGENCY], [POLICE], [SPECIAL], AND [CHIME] keys on the FA130 wireless keypad is described on page 15 of this manual under "Optional keypad functions".

Using the remote control

The FA113 and the FA100 are hand-held devices for arming and disarming the system. The FA100 has an [ALERT] button to summon help in an emergency, while the FA113 has two [ALERT] buttons that must be pressed simultaneously. The remote controls cause status tones to be emitted from the KP130 keypad to annunciate the arming or disarming of the system.

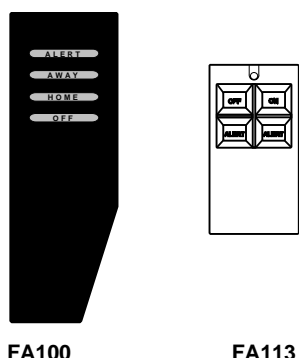


Figure 3 - FA100 and FA113 remote arming devices

Arming the system



1. Press the [AWAY] or [HOME] button on the FA100. Press [ON] on the FA113.

STAY mode: "Someone will remain inside."

If you press [HOME] on the FA100, you hear three descending tones. After the exit delay, the system will sound the home mode tones again as it enters the HOME delay mode. Perimeter sensors are armed, and the system provides the programmed entry delay when you return.



AWAY mode: "I'm leaving."

If you press [ON] on the FA113 or [AWAY] on the FA100, you hear four alternating tones. Leave the premises immediately. After the exit delay, the system is armed in the AWAY mode and sounds the four alternating tones again. Both perimeter and interior sensors are armed, and the system provides the programmed entry delay when you return.



2. If you hear an eight tone "tweedle" warning instead of the arming tones, then there is a system trouble. If your system is equipped with force arming*, the system will arm over the trouble. The system arms all sensors except the one with the problem. If possible, correct the problem. It may be as simple as a door left open. To display the problem, you need to press the [REVIEW] key at the KP130 keypad. Refer to Reviewing alarms and troubles on page 10 for more information. If there is a trouble and force arming is not programmed, the system cannot be armed until the problem is fixed or manually bypassed (see page 12).

Disarming the system



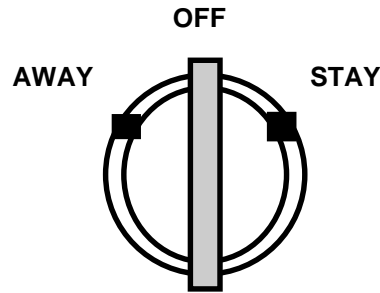
1. To disarm the system press the [OFF] button. You hear a single tone.
2. If you hear an eight tone "tweedle" warning, there has been an alarm in your absence. Go to the control panel or use the KP130 keypad to investigate the problem. Refer to Reviewing alarms and troubles on page 10 for more information.

Alerting help

If your installation includes the alert feature, press the FA100's [ALERT] button or press both [ALERT] buttons simultaneously on the FA113 to summon help. Your system may use this feature to sound a siren or to notify a signal monitoring center, or both. If monitored, arrange with your installer the type of help the [ALERT] button should summon. If you think that someone might accidentally press the [ALERT] button, ask your installer to disable it.

Using the keyswitch

The keyswitch is a device for arming and disarming the system. It uses status tones emitted from the KP130 keypad to annunciate the arming or disarming of the system.



- Arming the system**
1. Turn the key to the STAY position to arm in [STAY] mode .

STAY mode: "Someone will remain inside."

If you turn the key to the STAY position, you hear three descending tones. After the exit delay, the system enters the STAY delay mode. Perimeter sensors are armed, and the system provides the programmed entry delay when you return. Note that your keyswitch may or may not have a STAY position, depending on how it was wired by your installer.



2. Turn the key to the AWAY position to arm in [AWAY] mode .

AWAY mode: "I'm leaving."

If you turn the key to the AWAY position, you hear four alternating tones. Leave the premises immediately. After the exit delay, the system is armed in the AWAY mode and sounds the four alternating tones again. Both perimeter and interior sensors are armed, and the system provides the programmed entry delay when you return. Note that your keyswitch may or may not have an AWAY position, depending on how it was wired by your installer.



3. If you hear an eight tone "tweedle" warning instead of the arming tones, then there is a system trouble. If your system is equipped with force arming*, the system will arm over the trouble. The system arms all sensors except the one with the problem. If possible, correct the problem. It may be as simple as a door left open. To display the problem, you need to press the [REVIEW] key at the KP130 keypad. Refer to Reviewing alarms and troubles on page 10 for more information. If there is a trouble and force arming is not programmed, the system cannot be armed until the problem is fixed or manually bypassed (see page 12).



- Disarming the system**
1. Enter the premises through the entry path you established with your installer. If the entry delay tone is enabled, the KP130 keypad will sound a single repeating tone.



2. To disarm the system, turn the key to the middle or off position. You hear a single tone.

3. If you hear an eight tone "tweedle" warning, there has been an alarm in your absence. Go to the control panel or use the KP130 keypad to investigate the problem. Refer to "Reviewing alarms and troubles" on page 10 for more information.



Warning: If you are using a keyswitch to arm and disarm your system, do not use any other device for arming and disarming. This could cause the system to operate incorrectly.

Operating Instructions

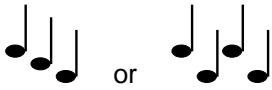
This section provides instructions for general operating procedures such as interpreting the status tones, shutting off sirens, and reviewing alarm and trouble information. Also included is information about the optional signal monitoring service and procedures for using the optional special keypad operations.

Interpreting the status tones

The Wireless Guardian KP130 keypad sounds various tones to indicate the status of the system. Become familiar with the meaning of these tones. This is especially important when using the FA130 wireless keypad, remote controls or keyswitch. The volume of the tones can be adjusted by your installer.



Chimes: If your system is programmed with the chime feature, you hear a pleasant sounding double tone to announce the entry or exit of someone through selected areas.



Arming tones: When arming in STAY mode, you hear three descending tones. When arming in AWAY mode, you hear four alternating tones. When arming in CUSTOM mode, you hear three alternating tones. Disarming is indicated by a single tone.



Eight-tone “tweedle” warning when arming the system: There is a problem with the system that may prevent arming. Perhaps there is a door open or a sensor’s battery is getting low. To display the problem, press [REVIEW] on the KP130 keypad. Refer to "Reviewing alarms and troubles" on page 10. If possible, correct the problem. If you cannot correct the problem, the system may permit force arming*, although any point or points for which a trouble condition is indicated will be bypassed, and therefore unsecure.



Eight-tone “tweedle” warning when disarming the system: There has been an alarm in your absence. If you believe you are in danger, go to a neighbor’s to call your monitoring center to find out what sort of alarm occurred and what has been done about it. When you have the all-clear to proceed, use the KP130 keypad to determine the cause of the problem. Refer to "Reviewing alarms and troubles" on page 10.



Single tone, repeating every two seconds: A delayed sensor has been triggered. This is your reminder to disarm the system before the programmed entry delay expires. Certain 24-hour sensors, such as smoke detectors, may be delayed to give you time to prevent a false alarm from being sent to the signal monitoring center.



Single tone repeated three times quickly every two seconds: An alarm has been triggered by a sensor programmed to sound the status tone speaker in the KP130 keypad.



Single tone, repeating every seven seconds: A transmitter in the system has become inactive or has reported a low battery. Entering your four-digit code will cancel the trouble annunciation. This tone will also sound if someone tampers with a sensor while the system is disarmed.



Three ascending tones, repeated every two seconds: A transmitter or sensor programmed as a FIRE point has gone into alarm, or Easy Arming is enabled and someone has caused a local fire alarm by pressing ENTER+[FIRE] at a KP130 or FA130 keypad.

What to do in case of an alarm

If the Wireless Guardian detects a problem or an intrusion, it can phone a message to the monitoring service and activate local alarms such as sirens, horns, bells, or strobe lights. The exact response depends on how you and your installer have decided to configure and program your system.

Be sure that everyone on the premises knows the difference between a fire alarm and other types of alarms. A fire alarm sounds a series of one second pulses. All other types of alarms (such as intrusion, police, and special alarms) sound a continuous blast. Note that a fire alarm has priority over an intrusion alarm.

How to shut off an alarm

- To silence an alarm with the KP130 keypad, enter a four-digit code.
- From an FA130 wireless keypad, enter a four-digit code and press the [OFF] button.
- With the FA113 or FA100 remote controls, press the [OFF] button.
- Turn a keyswitch to the "OFF" position.

If you are sure the alarm was false, notify your signal monitoring center immediately. If you are unsure whether the alarm was false, assume it was a valid alarm, and act accordingly.

Fire safety

A fire warning system is an essential factor for protecting yourself against fire, but it is only part of a complete fire safety program. The following steps should also be taken to insure your safety:

1. Minimize fire hazards around your home or business.
2. Test your fire warning system regularly. Common household dust buildup in smoke detectors can affect their performance. Consult your installer for a scheduled maintenance program.

Emergency evacuation plan

Advance preparation and awareness are the most important factors in fire prevention. Establish an emergency evacuation plan for your household, in the event a fire should occur.

1. Select at least two escape routes from each room.
2. Draw a floor plan of your escape route so that everyone may be familiarized with it.
3. Practice your escape plan to insure that everyone knows what to do in an emergency.
4. Establish and agree upon a meeting place outside the premises, where people should report after evacuating.
7. Advise your local fire department that you have installed a fire alarm system.

In addition to the floor plan, the following items should be discussed with all members of your household or business, so that they will be fully informed in the event of a fire:

1. How to interpret alarm signals generated by both the Wireless Guardian and the smoke detectors.
2. The normal status of interior doors.
3. How to test closed doors during a fire.
4. How to move through smoke-filled areas.
5. How to get out as quickly as possible (ie. don't stop to gather personal effects, don't try to find or fight fire, unless trained to do so).
6. The importance of NOT returning to a burning building.
7. Notifying authorities from off-site; e.g., the fire department should be notified from a NEIGHBOR'S home.

Reviewing alarms and troubles

The Wireless Guardian provides an easy means by which alarm and trouble information may be reviewed. (A system "trouble" is a problem with the system such as a low battery or a device that has been tampered with.) Press the [REVIEW] key on the KP130 keypad. The system displays each affected sensor's identification number (also known as a point identification number), the corresponding description and the type of trouble or alarm.

The following situations indicate that you need to review alarm or trouble information:

- The eight-tone warning sounds when you arm or disarm the system.
- The KP130 keypad displays "**System not Ready**".
- The KP130 keypad sounds a single "ping" about every 8 seconds.
- The KP130 keypad displays an alarm message, such as "**Entry Alarm**" or "**Fire Alarm**".

The possible trouble conditions are:

Tamper: The cover to a sensor has been removed or a sensor wire has been cut.

Low Battery: A sensor needs a new battery. The battery should continue to operate for about 2 weeks. Call your installer to service the sensor. Special batteries may be required.

Inactive: The control panel has not received a check-in message from a sensor. Sensors normally send a regular check-in message to indicate that they are operating properly. The problem may be due to a dead battery or a missing sensor. Call your installer to service the sensor.

If all points programmed into your system are shown as inactive, the problem may be a receiver failure. Contact your installer.

Unsecure: The system is disarmed but a sensor is triggered (set in an alarm state). The system cannot be armed normally until the sensor is reset. A common example of this type of trouble would be a door or window left open.

Reviewing with the KP130 keypad

1. Note that if an alarm occurred while the system was armed, your LCD has one of the following alarm messages: "**ENTRY ALARM - #**", "**FIRE ALARM - #**", "**POLICE ALARM - #**", "**EMRGNCY ALARM - #**," or "**SPECIAL ALARM - #**". You will also hear the eight-tone warning when you disarm the system.
2. Press [REVIEW]. (You can press [REVIEW] in any mode to review alarms and troubles.) If there are no troubles or alarms, the LCD reads "**No Faults Found**" and reverts back to its previous display.
3. If there are any troubles or alarms, the system lists them one by one, with the identification number of the affected sensor (also known as a *point*) and its corresponding description: "**UNSECURED 28 / FRONT DOOR**", "**TAMPERED 12 / BACK DOOR**".
4. Correct the problem, if possible, or call your installer for servicing.

Signal Monitoring Service

The Wireless Guardian can be configured to use your phone line to send alarm and trouble reports to a signal monitoring service. When the signal monitoring center receives a report, it acts according to prearranged instructions. Reports can be sent for fire, police, special, and emergency. Closing and opening reports may be used (usually by a business) to automatically notify the monitoring center when the system is armed and disarmed respectively. Trouble reports can be sent automatically to notify service personnel that your system needs attention.

Phone interruptions Be aware that when your system phones a report to the monitoring service, it "seizes" (takes control of) the phone lines for its own use. If you are speaking on the phone and the line goes silent, your system may have detected an alarm condition and seized the phone line so it can report to the monitoring center. When it has finished, you can redial your call.

If there is no dial tone when you pickup your phone, your system may have already seized the line. This is especially possible if you have just disarmed the system or restored an alarm or trouble condition. Simply wait a minute or so and try again.

Special keypad operations

With the KP130 keypad, you can access the special keypad operations built into the Wireless Guardian: Bypass Points, Clear Memory, Review Points, Review Alarms, Program Codes, Test Telcom and Reset H/W Smokes. NOTE: An installer programming mode is available only to those individuals with both the master code and a dealer code. If the Wireless Guardian unit is left in this mode, the system is NOT operational. This mode is indicated by all three red arming key LEDs being lighted. In the event you find your system in this mode, call for service.

To access the special keypad operations, enter the four-digit master code at the KP130 keypad and press [REVIEW]. The keypad's LCD guides you through the operations. In general, the [ADV] key is used to move ahead in the program, [ENTER] is used after entering a number, or to select an option, and [REVIEW] is used to exit the operation.

Bypass Points Allows you to make the system "ignore" a point during the next arming cycle. This is useful for taking a point that is having false alarm or inactive problems out of the system until your installer can make a service call. Note that bypassing a point leaves that portion of the system unprotected. To bypass points, proceed as follows.

1. Enter your master code, then press the [REVIEW] key. The LCD should read, "**BYPASS POINTS / ENTER to Select**".
2. Press [ENTER]. The display will read "**BYPASS POINTS / Point # -**". Enter the number of the point you wish to bypass and press [ENTER].
3. Repeat for all additional points to be bypassed.
4. If you make an error when bypassing a point, press [ADV]. The display will read "**ENTER to del -**" and will scroll all point numbers that you have listed to be bypassed. To delete a point from the list of bypassed points, press [ENTER] while that point number is displayed. The keypad will produce a confirmation tone, and that point will be restored into the system. If there are still points that are bypassed, they will be displayed, and [ENTER] can be pressed to restore each of them into the system. If all points are restored, the keypad will automatically exit bypass restoral mode.
5. If you have more points to bypass, repeat Steps 1-3.
6. When finished bypassing points, press [REVIEW].

Note: To restore all bypassed points, arm and disarm the system. **Bypassed points are always restored when the system is disarmed.**

Note: Temporary users, such as babysitters or service personnel, should not be shown the bypass procedure.

Restoring points that have been bypassed

Clear memory Clears all past and present alarm and trouble information from the control panel memory.

1. Enter your master code, then press the [REVIEW] key.
2. Press [ADV] until the LCD reads "**CLEAR MEMORY / ENTER to select**".
3. Press [ENTER] to clear the memory of alarm and trouble information.

- Review points** Allows you to view the point numbers and descriptions of all points that are programmed into your system. This is useful, for example, if you wish to bypass a point for which you know the description (e.g. "Bedroom window"), but not the point number. To review points proceed as follows:
1. Enter your master code, then press the [REVIEW] key.
 2. Press [ADV] until the LCD reads "**REVIEW POINTS / ENTER to select**".
 3. Press [ENTER]. The display will cycle through all points programmed into your system, displaying the point number and description of each.
 4. Press [REVIEW] during the scroll cycle to exit once you see the point you want.
- Review alarms** Used to review past alarm information stored in the control panel's memory. To review alarms, proceed as follows:
1. Enter your master code, then press the [REVIEW] key. Press [ADV] until the LCD reads "**REVIEW ALARMS / ENTER to select**".
 2. Press [ENTER]. The LCD reads "**ALARM POINT**" and displays the number and corresponding text description for the sensor (also called a point), that detected the alarm. If more than one point was triggered, the LCD scrolls through all triggered points.
- Program codes** Allows you to set your system codes. **Do not attempt programming codes unless you have been properly instructed by your installer.** NOTE: When programming user codes, do not select obvious codes such as 1111, 1234, etc. The following items can be programmed with the program codes operation:
- Master code** (0000 to 9999): Choose a four-digit secret code used to arm and disarm the system AND access the special keypad operations.
- Duress code** (0000 to 9999): Choose a four-digit secret code that acts as a user code but also phones a silent duress report to the signal monitoring center if programmed by your installer. **USE THIS CODE ONLY IN A HOSTAGE SITUATION TO SECRETLY SUMMON HELP.** Leave blank if this option will not be used.
- User Code 1-6** (0000 to 9999): Choose up to six four-digit secret codes that can be used to arm and disarm the system. These codes do not allow a user to access the special keypad options. **User Code # 1 can be a temporary code, if a Code Limit is assigned.**
- DL CHECK** (AUTO or RRGBK): This option is not one which should require frequent use. If your dealer deems it necessary for you to change this setting, he will instruct you as to how to change the setting as well as the reason for the change.
- Code Limit** (0 to 254 hours, 0 = no time limit): Choose the length of time in hours that User Code #1 can be used to arm and disarm the system. This would be used for example so that a babysitter or other service person could operate the system until the time limit expired.
1. Enter your master code, then press the [REVIEW] key. Press [ADV] until the LCD reads "**PROGRAM CODES / ENTER to select**". Press [ENTER]. To start the program codes operation.
 2. The program codes operation presents the above list of settings you can change. Press [ADV] to go through the list without making changes. To change any code, enter the four-digit number. At any point you can press [REVIEW] to exit the program codes operation. To disable any code, press [ENTER] four times until the display shows "----".
 3. **DO NOT PRESS [ENTER] AFTER ENTERING THE NEW CODE - Press {REVIEW} when done.**

Test telcom Allows you to test the communicator by sending a test report to the central monitoring station. **Prior to executing this function, contact the monitoring service and advise them of your intent.**

1. Enter your master code, then press the [REVIEW] key. Press [ADV] until the LCD reads "**TEST TELCOM / ENTER to Select**". Press [ENTER] to start the test. The LCD will display "**TEST TELCOM / WAITING**" while it is dialing the monitoring station. When the test is complete the LCD will show "**TEST TELCOM / ACCOMPLISHED**" and will return to "**SYSTEM READY**".

Reset h/w smokes Resets hardwire smoke detectors after they have gone into alarm. To use, proceed as follows:

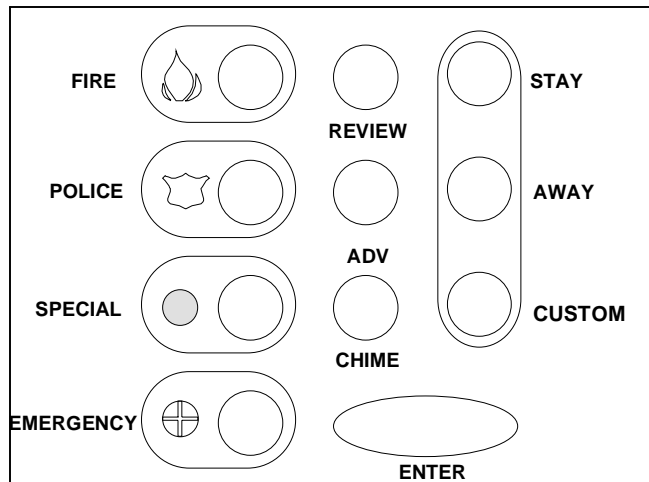
1. Enter your master code, then press the [REVIEW] key. Press [ADV] until the LCD reads "**RESET H/W SMOKES / ENTER to Select**".
2. Press [ENTER] to reset the hardwire smoke detectors.

Optional keypad functions

If your system is programmed with Easy Arming and you are using the KP130 hardwire keypad and/or the FA130 wireless keypad, you have access to the special function keys: [FIRE], [EMERGENCY], [POLICE], [SPECIAL] and [CHIME].

These functions are activated by pressing the [ENTER] key followed by the special function key you wish to activate.

- FIRE** Press [ENTER] followed by the [FIRE] button. A fire alarm will be generated.
- POLICE** Press [ENTER] followed by the [POLICE] button. A police alarm will be generated.
- SPECIAL** Press [ENTER] followed by the [SPECIAL] button. A special alarm will be generated.
- EMERGENCY** Press [ENTER] followed by the [EMERGENCY] button. An emergency alarm will be generated.
- CHIME** Press [ENTER] followed by the [CHIME] button. The door chime feature will be toggled on or off. This option is available whether or not your system is programmed with easy arming.



Testing your system

In order to insure that your system is in top operating condition, it is important to test the system and its ability to communicate with the monitoring service once per week. Such testing will demonstrate that the panel will not only alert *you* in the event of an alarm, but that the panel will be able to alert the *monitoring service* so that the proper authorities can be summoned.

Inform your monitoring service of the test

If your panel is monitored, always inform the monitoring service of your intention before testing your panel. Otherwise, the monitoring service may summon the authorities, believing that there is a legitimate alarm at your site. False alarms are more than an inconvenience: they may prevent an actual emergency from being handled promptly. **Some communities fine owners for excessive false alarms.**

Test sensors

To test your door/window sensors, simply open all of your windows and doors. Press the [REVIEW] key on the KP130 keypad, and verify that all of the points are shown as **"UNSECURED"**. After you are finished testing all of your intrusion points, return all of the doors and windows to their secure (closed) state.

Test warning devices

Test your system warning devices by creating an alarm. (Activate a 24-hour point, or arm the system and set off an intrusion point, or use the optional keypad functions to cause an alarm.) Be sure to activate a device that is programmed to set off your local alarm warning device, usually a siren or a strobe light. Determine that all warning devices are working properly.

Test smoke detectors

To test your smoke detectors, set off your smoke detectors by pressing and holding the TEST button until the smoke detector goes off. When this happens, the system should go into alarm. After releasing the TEST button, the smoke detector should continue to sound for a few seconds, and then shut off automatically. After testing each smoke detector, listen to be sure your warning siren is operating properly, then go to the executive keypad and verify that the proper alarm has been recorded by pressing the REVIEW key. Enter your code to cancel the alarm.

Test monitoring service

If your system is monitored, you will need to insure that burglary signals are being received by your monitoring service. To accomplish this, arm your system in the AWAY mode. After the exit delay expires, open a protected door or window. If the sensor is programmed for DELAY operation in the AWAY mode, the entry delay will begin. Wait for the entry delay to expire so that the system goes into alarm. If the sensor is not programmed for DELAY operation, the system will go into alarm immediately. After the system goes into alarm, listen to make sure the warning device is operating properly, then go to your KP130 keypad and insure that the correct alarm has registered. Enter your code to cancel the alarm.

Test power supplies

Your system must also be tested to confirm that it will operate on the back-up power supply. To accomplish this, simply disconnect the panel's AC transformer. The executive keypad should indicate **"AC POWER FAULTED"** when REVIEW is pressed. After disconnecting the AC power, set off one of your smoke detectors, (or arm the system and cause an alarm). Verify that the warning device is operating, the correct alarm has been registered, and that AC power is still shown as FAULTED. Enter your code to cancel the alarm, and reconnect the AC transformer.

Clear memory

After you have tested your system, perform a CLEAR MEMORY (see page 12).

Advise monitoring service that test is complete

After you have verified that the panel recorded all of your alarms and then cleared the alarms from memory, telephone your monitoring service and inform them that you have finished with your system test and that your system should be placed "on-line" again. Tell the monitoring service what alarms you caused, so that they can verify that they received the proper reports from your panel.

System Maintenance

Although your Wireless Guardian security system has been designed for ease of use, it is a complex and comprehensive system which will require periodic maintenance by your installer or other security professional.

When system requires maintenance, such as cleaning of smoke detectors or replacing of batteries, contact your installer immediately to arrange a service call.

Do not attempt to service your system without clear instructions from your installer.

Glossary

ALERT: A feature of the FA100 and FA113 remote control devices which can summon emergency help.

ARM: To turn on sensors to detect intruders. The sensors turned are determined by the arming mode (STAY, AWAY, or CUSTOM).

ARMING DEVICE: A hardwire keypad, wireless keypad, remote control or keyswitch used to arm and disarm the system.

AWAY: An arming mode used when premises are vacated. Usually all interior and perimeter sensors are armed. An exit and entry delay may be provided.

BYPASS: To instruct the system to ignore alarm and trouble signals from a particular sensor for a single arming cycle. 24-Hour devices cannot be bypassed.

CHIME: A pleasant-sounding tone to announce the entry or exit of someone through selected areas.

CLOSING REPORT: A report phoned into the signal monitoring center by the system to indicate that the system has been armed in the AWAY mode.

CODE LIMIT: An option that sets a length of time for User Code #1 to be able to arm and disarm the system.

CONTROL PANEL: The electronic "brain" of the Wireless Guardian security system housed in a metal cabinet.

CUSTOM: An arming mode used to protect selected areas on the premises. Can be set for instant or delayed mode.

DELAYED MODE: All sensors delay before becoming armed to give you time to leave after arming the system. Selected sensors delay to give you time to disarm the system when you return.

DISARM: To turn off all armed sensors.

DURESS CODE: A four-digit number for arming and disarming the system; used only in a hostage situation to summon help.

ENTRY DELAY: A time period during which selected sensors do not report an alarm to give you time to enter and disarm the system.

EXIT DELAY: A time period during which all intrusion sensors are not armed. Gives users time to leave the premises after arming the system.

FORCE ARM*: To arm over a trouble condition. This option is set by your installer.

INACTIVE: A trouble condition indicating that the control panel has not received a regular check-in message from a sensor. The problem may be due to a dead battery or damaged sensor.

INSTANT MODE: All armed sensors will report an alarm instantly if they are triggered.

INTERIOR SENSORS: Sensors designed to detect intruders inside a building, passive infrared (PIR) "motion" detectors, for example.

LCD: Liquid Crystal Display, the type of display used in the hardwire KP130 keypad.

LED: Light Emitting Diode, the red lights on the arming devices and control panel.

MASTER CODE: A four-digit number for arming and disarming the system; also gives authority for programming certain system options.

OPENING REPORT: A report phoned in to the signal monitoring center by the system to indicate that the system has been disarmed from the AWAY mode.

PERIMETER SENSORS: Sensors on doors, windows, etc., designed to detect intruders attempting to enter a protected area.

POINT: A transmitter and the sensor wired to it. Often the transmitter and sensor are combined in a single housing. The transmitter sends radio signals to the receiver attached to the control panel.

SENSORS: Devices for detecting an alarm condition, motion or smoke detectors, for example.

SIGNAL MONITORING CENTER: A central location where an alarm company monitors its customers' security systems for alarm and trouble reports. Your installer has determined what types of reports are phoned in.

STAY: An arming mode for protection when someone remains on premises. Usually only perimeter sensors are armed. Can be set for instant or delayed mode.

TAMPER: A trouble condition that indicates that the cover of a sensor has been removed or its wires have been cut.

TROUBLE: A non-alarm problem with the system. Also called a "fault".

24-HOUR DEVICES: Sensors that are always "on", such as smoke detectors and emergency alert buttons.

UNSECURE: A trouble condition that occurs when the system is disarmed but a sensor is activated (set in alarm state). The system cannot be armed normally until the sensor is reset, for example, by closing an open door.

USER CODE: A four-digit number for arming and disarming the system. User Code #1 can be programmed to operate for a limited time.

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