

# HUNTER-PRO

## Intruder Alarm System

### User Manual



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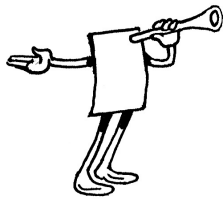
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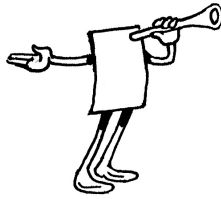
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# Chapter 1

## Introduction

Congratulations on your purchase of the HUNTER-PRO Intruder Alarm System. Much care has been taken in developing the HUNTER-PRO Intruder alarm system, which will provide you with unprecedented peace of mind. The HUNTER-PRO's user-friendly operation and advanced features will professionally protect your home or business.

It is important to familiarize yourself with the HUNTER-PRO Intruder Alarm System in order to take full advantage of the complete range of the HUNTER-PRO's features. To assure optimum safety and security, you should test the HUNTER-PRO Intruder Alarm System once a week.

The HUNTER-PRO Intruder Alarm System offers a choice of different keypad models. All but one (RX-200) are equipped with a Liquid Crystal Display (LCD). For complete instructions on operating, accessing, and programming your HUNTER-PRO Intruder Alarm System, using the supplied keypad model, please turn to the appropriate chapter as listed below:

For operating and programming with all **LCD Keypad Models (i.e., RX-150, RX-160, and RX-400, RX-410)**, see sections 2.2 to 2.3.

For operating with **Keypad Model RX-200 (Anti-Vandal)**, see section 2.4

### 1.1 Main Features of the HUNTER-PRO

- ◆ 8 to 16 zones plus two Tamper zones
- ◆ Dials on alarms to four private telephone numbers, plus one "Follow Me" number

**NOTE:**

The HUNTER-PRO dials first to the monitoring station (If you are connected to a monitoring station), then, it dials the private telephone numbers as programmed.

You can program the private numbers (refer to section 3.8.3), while only the technician can program the telephone numbers to the monitoring stations.

- ◆ Various ways to arm and disarm the system: keypad, key, remote control, touch-tone telephone
- ◆ Two families of keypads: Internal keypads such as the RX-150, RX-160, RX-400, and RX-410 and weather and vandal-Proof keypad (RX-200) for outdoor installation
- ◆ Connects up to eight different keypads
- ◆ Choice of arming modes: Full, Home1, and Home2
- ◆ Up to 16 partitions, each one with its own user code
- ◆ Up to 410 System Events in history log (memory)

- ◆ A variety of operating codes: Master Code, up to 16 User Codes, Short Code, Duress Code (used during a hold up), and Relay Activation Code (e.g., to operate an electric gate)
- ◆ Automatic arming (time and/or motionless programming)
- ◆ Remote control via touch-tone telephone
- ◆ Temporary manual and/or automatic bypass of zones
- ◆ “Chime” mode per zone: activates the keypad buzzer when a zone is opened (e.g., to monitor a back door when system is disarmed)
- ◆ Double communication to Monitoring Stations by telephone and Long-Range VHF/UHF Radio Transmitter
- ◆ Connection to a local printer to print all events
- ◆ Connection to an external PIMA output card to activate auxiliary devices such as video cameras etc.
- ◆ Enabled for expansion (zone doubling, wireless, etc.)
- ◆ Enabled to use two End Of Line resistors that will further secure the alarm system against SHORT and CUT
- ◆ Enabled to operate with up to 16 wireless detectors (add-on)

## 1.2 Operating Codes

You have five code types with which you can control different functions of the HUNTER-PRO:

- ◆ **Master Code:** Use this code to access various programming options. The default factory **Master Code** is **5555**. For safety reasons, we recommend not to use this Code to arm or disarm the system.



### IMPORTANT!

We recommend that you change the default factory Master Code as soon as you start to use your new alarm system.

- ◆ **User Code:** You can program up to 16 different user codes to arm and disarm the system.



### NOTES:

You can program a name for each user code. This user name will appear when viewing the 'history log.'

- ◆ **Short Code:** A two-digit code with which you can ONLY arm the system.
- ◆ **Hold-Up Code** (Duress Code): This code is ONLY for disarming the system during a robbery, but is useful ONLY if the system is connected to a Monitoring Station.
- ◆ **Relay Code:** Use this code to change the status of the control panel's internal relay from ON to OFF and vice versa. The relay can be used for various applications (e.g., opening/closing an electric gate, opening an electromagnetic door lock, etc.).



**NOTES:**

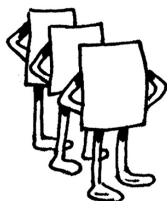
The letter R is displayed to the left of the clock when the relay is ON.

The installer programs the time in which the relay is ON.

The relay can also be programmed by the installer to be activated as response to a zone alarm and/or system failure.

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## Chapter 2 Keypads and the Remote-Control

### 2.1 Introduction

You have a choice of keypad models with Liquid Crystal Display (LCD) that you can connect to the HUNTER-PRO. All the keypads are identical in functionality and have a display with two rows of 16 characters on each row. The keypads vary only in design and size of display. The instructions in this manual refer to the RX-410. However, all the functions and operations are identical to all the keypads.

The keypads are used to control and program the system. Each button on the keypads has a specific function as describes either on or above the appropriate key.

Every programming action begins with entering the master code after which the display will show: **Select: OFF**



#### NOTE:

You can only program the system when it is disarmed (on display: **Select:OFF**)

From this point on each key functions according to what is written above it; telephone, code, chime, etc.

### 2.2 Keypads Description

These are the available LCD keypad models:



RX-150



RX-160

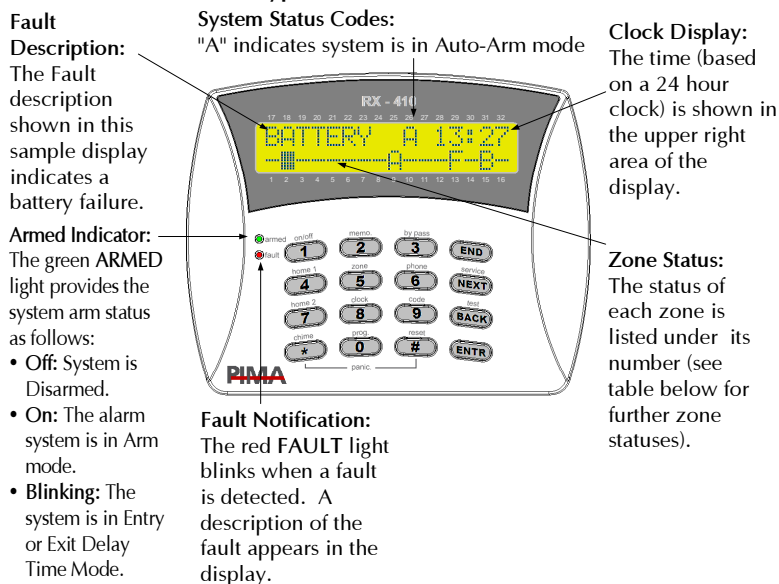


RX-400



RX-410

### Keypads – Essential Features



## 2.2.1 Zone Status Codes

The following zone status symbols appear in the display:

Symbol	Status
—	Closed Zone
■	Open Zone
B	Bypassed Zone
A	Alarm was triggered while system was armed
C	Chime Zone
F	Faulty Zone (disconnected wires)
L	Low battery level
O	Armed zone in a partitioned system
S	Short Zone (short in wires)
U	Supervision signal not received from the detector; Indication accompanied by a "Wireless Detector" failure indication <b>WirelessRec</b> on display, including time)
X	Armed partition

## 2.2.2 System Status Codes

Appear to the left of the clock:

Symbol	Status
P	System is communicating via phone lines
S	Siren is ON
R	Relay is active (ON)
T	System is sending transmission via long-range radio
A	System is in Auto-Arm mode
W	Walk-Test

## 2.3 List of Key Functions



### NOTE:

To access the 'Secondary Function', use a **long press**: press and hold the key until you hear a long beep.

Key	Description	Function	
		After entering Master Code (short press)	Secondary Function (long press)
<small>ON/OFF</small> 1	ON/OFF	System Arming/Disarming	
<small>MEMORY</small> 2	MEMORY	Display arming, alarm, and fault histories	Successive display of arming, alarm and fault history
<small>BYPASS</small> 3	BYPASS	Temporary bypass of zones	Bypass of zones or Display of bypasses zones
<small>HOME 1</small> 4	HOME 1	Arming the system to mode "Home 1" (partial arming)	Arming the system to mode "Home 1" (enter one of the codes after the long press)
<small>ZONE</small> 5	ZONE	Display all zones by name	Automatic scrolling of all open zones by name
<small>PHONE</small> 6	PHONE	Programming telephone numbers (view/ edit/ test)	Automatic scrolling of private telephone numbers
<small>HOME 2</small> 7	HOME 2	Arming the system to mode "Home 2" (partial arming)	Arming the system to mode "Home 2" (enter one of the codes after the long press)
<small>CLOCK</small> 8	CLOCK	Programming time and date	
<small>CODE</small> 9	CODE	Programming the user codes	
<small>CHIME</small> *	CHIME	Programming zones for Chime feature	Enabling/Disabling the Chime feature
<small>PROGRAM</small> 0	PROGRAM	Programming automatic arming	Enabling/Disabling entry delay time
<small>RESET</small> #	RESET	Programming key	Smoke detector reset

<b>END</b>	END	Programming key	
<small>SERVICE</small> <b>NEXT</b>	NEXT	Programming key	Display service Provider information
<b>BACK</b>	BACK	1. Programming key 2. Test siren, battery, and telephone line	Test siren, battery, and telephone line
<b>ENTR</b>	ENTER	Programming key	

## 2.4 Outdoor Anti-Vandal Keypad

The RX-200 is an Anti-Vandal weatherproof keypad for outdoor installation. It incorporates a solid-state piezo technology touch sensitive keys, and it has three indication lights in the form of LEDs (Light Emitting Diodes). The RX-200 can also open front-door electromagnetic locks; refer to your installer for more information about this feature. Note that your installer can disable the LED indications.



Although the RX-200 does not have an LCD display, all its key functions are identical to the regular keypads. However, programming the HUNTER-PRO with RX-200 is unsupported.

### LED indications:

LED		Indication
GREEN	Steady	The system is armed
	Blinking	Pressed key/ exit or delay time
RED	Steady	System fault
YELLOW	Steady	All zones are closed

## 2.5 The Remote Control

The REM-3 has three buttons and is used to arm/disarm the alarm system, activate HOME mode, and send a panic signal.



### NOTE:

REM-3 is only available for HUNTER-PRO with wireless add-on system.

The remote is a Code-Hopping type (i.e., the code is changed with each operation and thus prevents “code stealing”) with a key holder for carrying with ones keys.



**ARM:**

To arm the alarm system, press the GREEN button on the remote control.

**DISARM:**

To disarm the alarm system, press the RED button on the remote control.

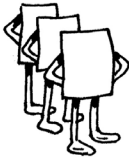
**HOME MODE:**

To activate the alarm system in a Home Mode, press the BLUE button.

**PANIC:**

To send a panic signal to the alarm system, press the BLUE and GREEN buttons together.


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## Chapter 3 System Functions










### IMPORTANT!






The  symbol indicates information in the form of letters or numbers that you have to enter.

### 3.1 Arming and Disarming

You have different options to Arm and Disarm the System; remote control with your telephone, remote control, Automatic Arming, and using your keypad as described bellow. (Refer to the next paragraph if you must arm the system with a bypassed zone).

- ♦ **To arm the Alarm System:**  Any User Code one through sixteen  
OR  
 Short code.
- ♦ **To arm the Alarm System to Home1 or Home2:**  
Press and hold  OR  →  any User Code or Short code.
- ♦ **To disarm the Alarm System:**  any User Code.
- ♦ The **Green-ARMED** light will indicate the system status, as follows:
  - ❖ Blinking: The system is in Entry or Exit Delay countdown.
  - ❖ Steady Light: The system is armed.
- ♦ **To disarm the Alarm System under duress:**  Hold-Up Code.

#### 3.1.1 Auto Arming

- ♦ **To program Auto Arming time:**  Master Code      
display shows **Arming Hour** Enter desired time in (HH:MM 24 hours format)   
     .

- ◆ To program Passive Auto Arming time: Master Code display shows: **Arming Hour** Skip entering time format and just display shows: **Silence Time**. Enter desired time (in minutes) .

**NOTE:**

When Auto Arming is programmed, the HUNTER-PRO Alarm System shall automatically arm at the set time.

When the Silence time is set (must be greater than 5 minutes), the Alarm System shall automatically arm when no activity is sensed (i.e., all zones are closed) for the set time period.

Auto Arming is indicated by the letter **A** in the display left to the clock.

There is no connection between programming "Auto Arming Time" and "Passive Auto Arming Time."

- ◆ To cancel Auto Arming time: Master Code .

- ◆ To cancel Passive Auto Arming time: Master Code .

### 3.1.2 Zone Bypass

Lets you bypass a zone if you wish to leave a window open, or if the particular zone is malfunctioning. In some systems, depending on the configuration by the installer, zone bypass is not possible under any circumstance if the system identifies one or more failures. In this case you will be able to arm the system only after the failure has been resolved.

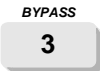


#### 3.1.2.1 Manual Bypass

- ◆ Press and hold Zone Number .

**NOTE:**

The Bypass mode is valid for one arming cycle, and the zone will be restored when you disarm the system.



- ✦ To restore a bypassed zone: Press and hold   zone number .


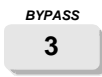
### 3.1.2.2 Automatic Zone Bypass

If zones are left open while arming the system, the following message appears:

Zone Open! Press BYPASS or END

Followed by this message:

OP: Zone Name (the one you have assigned), and the zone number below it, Z1 (i.e., Zone 1)

Press  to stop the arming procedure, or press  to bypass the open zone and commence with the exit countdown. You must press one of the two choices; otherwise the system will automatically commence with the exit countdown and sound the alarm once it is armed.

The zone that you bypassed will be restored when you disarm the system.

### 3.1.3 Bypass Entry Countdown

This feature cancels the Entry delay time countdown. Thereby, triggering an alarm as soon as any zone/entrance is opened. The bypass is valid for only one arming cycle. You must bypass the entry countdown before you enter an arming code:

- ✦ To temporarily bypass the Entry Delay Time: Press and hold .

### 3.1.4 Alarms

#### 3.1.4.1 From fire and smoke detectors

Smoke and fire detectors require a "Reset" command after they have been activated.

- ✦ To reset the smoke or fire detector output: Press and hold .

#### 3.1.4.2 From any zone

- ✦ To identify a zone that triggered an alarm: The letter  is displayed above the Zone number that triggered the alarm.

## 3.2 Chime

This feature activates a buzzer in the keypad when a Chime Zone is triggered. This feature is useful to monitor doors and entrances when the system is disarmed.

- ◆ **To define a Chime Zone:** Master Code zone number .

**NOTE:**

The letter (for Chime) in the display above the zone number is visible only after you enter the Master code.

- ◆ **To cancel a Chime Zone:** Master Code Zone Number .

- ◆ **To enable the Chime feature:** Press and hold . The message: **Chime is Active** is displayed for about 3 sec on the LCD display.

- ◆ **To disable the Chime feature:** Press and hold . The message: **Chime non Active** is displayed for about 3 sec on the LCD display.

**NOTE:**

When you enable and disable the Chime feature, you collectively enable and disable the chime feature for all the zones that are defined as Chime Zones.

### 3.3 Panic

- ◆ **To initiate a Panic Response:** Press and hold and simultaneously for two seconds.

**NOTE:**

You can customize your system's response to a panic event, for example, calling the Monitoring Station or your private telephone number, activate a relay (video camera), activate siren, etc. Consult your installer about programming the appropriate Panic Response for your needs.

### 3.4 Onboard Relay

The HUNTER-PRO has an on-board relay to activate auxiliary devices such as video cameras and external floodlights. You can control the relay from the keypad and from a touch-tone telephone; refer to section 3.9 for instructions on controlling the HUNTER-PRO from telephones.

## 3.5 Keypad Buzzer

- ♦ To silence the keypad buzzer:  **END** and **ENTR** simultaneously.



### NOTE:




**All** audible tones and indications from the keypad are silenced.

Silencing is valid only for the particular keypad in which you performed silencing.

- ♦ To enable a keypad's buzzer:  **END** and **ENTR** simultaneously, until you hear a short beep.

## 3.6 System Self-Test






This feature generates a self-test that tests the battery, telephone line, and more. You will be notified of the failure if the system indeed finds one.

- ♦ To initiate system test:  Master Code  **BACK**.
- ♦ To stop system test execution:  **END**.

## 3.7 View History Log

- ♦ To view history log, Press and hold **MEMORY 2**. The history events will automatically progress from the most recent event to the oldest event.

OR, if you wish to scroll between the events manually:

- ♦  Master Code  **MEMORY 2**. In order to scroll up and down between the events manually, use the **BACK** and **SERVICE NEXT** keys.
- ♦  **CHIME \*** to advance 10 events forward.
- ♦  **END**  **END** to exit the mode and re-enter the main display.

## 3.8 Programming



### IMPORTANT!

The first step in programming any parameter in HUNTER-PRO begins with entering a valid Master Code, after which you will see the message **Select:OFF** in the keypad's display.

You must press the **ENTR** key after you enter new data in order to save it.

You can exit the programming mode any time without saving any changes by pressing the **END** key two or three times.

### 3.8.1 Codes

#### 3.8.1.1 Master code

♦ To program a Master Code: Master Code **CODE** 9 **ENTR** New  
Master Code (4 to 6 digits) **ENTR** **END** **END**

#### 3.8.1.2 User codes

♦ To program User Code #1: Master Code **CODE** 9 **SERVICE** NEXT **ENTR** new User Code (4 to 6 digits) **ENTR** enter start/stop time frame\* **ENTR** enter user name (see table in section 3.8.2 in order to view ABC keypad letters) **ENTR** enter partition number (when applicable) **ENTR** **END** **END**












### NOTE:

You can program each User Code to be active in a certain time window, and also assign it to a partition (see section 3.10). To enable the User Code at all times; set the Start time at 00:00 and Stop time at 23:59 (factory default).



♦ To delete a User Code #1: Master Code **CODE** 9 **SERVICE** NEXT **ENTR** **RESET** # **END** **END**

\* Use the **SERVICE** NEXT and BACK keys to scroll between Hour/Minutes/Start/Stop,













- ◆ To program User Codes #2 through #16: Master Code   (as many times as the User Code number)  follow instructions as with User #1.

- ◆ To delete User Code #2 through #16: Master Code   (as many as the User Code number)    .







**Example:**

In order to program or delete User Code #6, enter the Master Code, press the  key, followed by pressing the  key six times.

**3.8.1.3 Hold-Up Code**

- ◆ To program a Duress Code: Master Code   (until Hold Up code is displayed)  new Hold-Up Code (4 to 6 digits)   .
- ◆ To delete a Duress Code: Master Code   (until Hold Up is displayed)    .

**3.8.1.4 Short Code**

- ◆ To program a Short Code: Master Code   (until Short Code is displayed)  New Short Code (2 digits)   .

- ◆ To delete a Short Code: Master Code **CODE** 9 **BACK** (until Short Code is displayed) **ENTR** **RESET** # **END** **END**

### 3.8.1.5 Relay Code

- ◆ To program Relay Code: Master Code **CODE** 9 **BACK** (until Relay Code is displayed) **ENTR** new Relay Code (4 to 6 digits) **ENTR** **END** **END**
- ◆ To delete Relay Code: Master Code **CODE** 9 **BACK** (until Relay Code is displayed) **ENTR** **RESET** # **END** **END**

### 3.8.2 Entering Names

When you program User Codes, you can also assign a User Name for each code. To program names use the keypad according to the following layout:



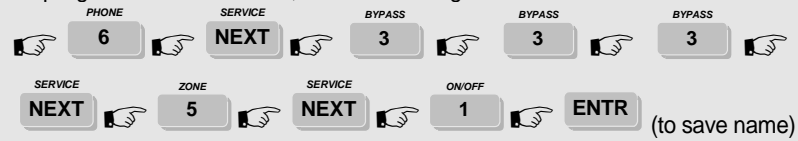
#### NOTE:

Press the **RESET** # key to delete an existing name.

To move the cursor to the right and left; press the **BACK** and **SERVICE** NEXT keys.

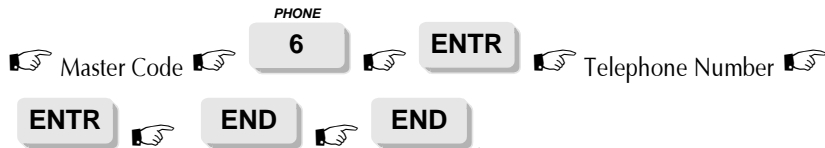
**Example:**

To program the name PIMA, do the following:



### 3.8.3 Private Telephone Numbers

- ◆ To program a temporary Follow-Me telephone number:

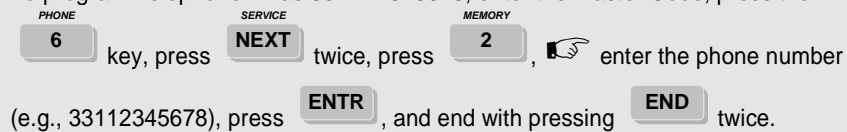
**IMPORTANT!:**

The Follow-Me number is valid for one arming cycle and will be erased when system is disarmed.

- ◆ To program a telephone number (1 to 4):
- 
- Diagram illustrating the sequence of button presses to program a telephone number (1 to 4):
- Master Code
  - PHONE 6
  - SERVICE NEXT
  - SERVICE NEXT
  - Telephone Sequence Number (1 to 4)
  - Telephone Number
  - ENTR
  - END
  - END

**Example:**

To program Telephone #2 as 33-1-12345678, enter the Master Code, press the
























**NOTES:**

You can program up to four telephone numbers to which the HUNTER-PRO will call in an emergency.

If you connect the HUNTER-PRO Alarm System on a PBX extension, remember to enter the prefix number and an asterisk before the telephone number, e.g., 9\*555-5555. For simplicity, you can ask the installer to program the prefix number such that the system will automatically dial it before every number it dials.












The HUNTER-PRO Alarm System calls all telephone numbers and plays a synthesized tone when you pick up the phone. Dial your Master Code and then "0" (zero) on your **touch-tone telephone** to command the HUNTER-PRO to stop dialing the rest of the telephone numbers.

You can ask your installer to install an optional VU-20 unit that will play a pre-recorded message instead of the synthesized tone.

- ◆ **To view programmed telephone numbers:** Master Code   Telephone sequence number. Now  and then  OR  to scroll between numbers   .
- ◆ **To test a programmed telephone number:** Master Code      Telephone Sequence Number (1 to 4). To stop the test  .
- ◆ **To delete a telephone number (1 to 4):** Master Code    Telephone sequence number (1 to 4)   .



### 3.8.4 Time and Date

- ◆ To set the time and date:  Master Code    Time (HH:MM 24 hours format)    Date (YYYY MM DD format)    .



#### NOTES:

Correct time and date is important for proper functioning of the HUNTER-PRO Alarm System.

**The HUNTER-PRO Alarm System will report a failure if you don't enter the time and date after a complete power failure (AC and Battery).**

The HUNTER-PRO Alarm System will not accept incorrect data. For example, if you enter 25:25 for the hour, the programming will be stopped automatically, and you will have to start the procedure from the beginning.

## 3.9 Telephone Remote Controlling

- ◆ To access the panel via a touch-tone phone:
- ❖ Dial the telephone number to which the Alarm System is connected.
  - ❖ Wait for the system to pick up the call, wait for the system to complete the playing of the synthesized tone or the pre-recorded message (If a VU-20 is installed), and dial the Master Code.
  - ❖ Listen to the system STATUS tone:
    - A **continues tone** -----: Alarm System is disarmed
    - An **intermittent tone** . . . . . : Alarm System is armed

Note: Wait for the status tone to stop before you continue.
  - ❖ Execute the following commands by pressing keys on your touch-tone phone.
- | <u>Telephone key:</u> | <u>Function:</u>                                 |
|-----------------------|--|
| 1                     | Arm the system                                   |
| 2                     | Disarm the system                                |
| 4                     | Arm the system in "Home 1" mode                  |
| 5                     | Switch on the Relay                              |
| 6                     | Switch off the Relay                             |
| 7                     | Arm the system in "Home 2" mode                  |
| 8                     | Listen in (only available with a MIC-100)        |
| 0                     | Disables siren and dialer (in case of an alarm). |



#### NOTE:

The alarm system confirms the command was received by two short tones.

## 3.10 Partitions

The HUNTER-PRO can be programmed to function as several independent subsystems called “Partitions.”

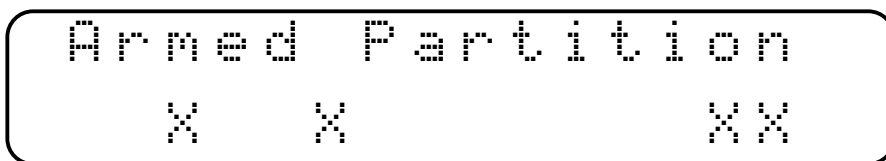
One or more zones can be allocated to each partition, with one User Code for each partition. Each User Code can be assigned to control one partition or the entire system as in regular operating mode.

The installer programs the zones allocated for the different partitions, while the user programs the User Codes for the different partitions (for programming User Codes, see section 3.8.1.2).

Keypad display of a system with partitions:



The letter **0** represents the armed zones assigned to one or more armed partitions.



The letter **X** is displayed above the partition number that is armed.

When all the zones are armed, the system will show **ON** on the display, and the green light will be on. When only some of the zones are armed, the green light is off.



#### NOTES:

The above two screens are continuously displayed one after the other every five seconds.

Each zone can be assigned to more than one partition. Such a zone will trigger an alarm only if all the partitions to which it is associated are armed.



## Chapter 4 Troubleshooting

The HUNTER-PRO regularly checks itself and the devices that are connected to it. The red failure indication lamp will blink if the HUNTER-PRO detects any failure, and in some cases a failure will be reported to the monitoring station and/or private telephone number (according to installation programming.) A description of the failure will be displayed in the keypad and the failure event will be saved in the system memory with date and time.

### 4.1 Troubleshooting



#### NOTE:

If more than one failure is detected, the display will scroll the failure list one after the other. If more than one keypad is connected to the HUNTER-PRO, and you are programming the system from one keypad, then the display on all other keypad will display: **Other display is used** This will also be displayed whenever the installer uses a modem in order to program the HUNTER-PRO, or when someone is in control of the HUNTER-PRO via telephone.

The following table describes the possible Alarm System Faults:

Displayed Fault	What can I do?
Battery	Wait approximately 24 hours for the indication to disappear. If the fault indication persists longer then one day, the back-up battery should be replaced.
Wireless Receiver	A wireless receiver failure can be the cause of communication failure between the detector and receiver.
AC voltage	Usually appears during a power failure. If other electrical appliances in the house are operating, check the switch or fuse to which the alarm system is connected. If the cause of the fault is unclear, call the installer.
Clock	Appears following a prolonged power failure during which the backup battery was completely discharged. Set time and date (see section 3.8.4)
Displayed Fault	What can I do?
Phone	Perform "system self-test" (see section 3.6). Verify during the test that other instruments connected to the Alarm System's telephone line (i.e., telephone sets, facsimiles, etc.) are not active. If the fault persists, call the installer.
Tamper 1	Tamper switch 1 is open. Call the installer.
Tamper 2	Tamper switch 2 is open. Call the installer.

Low pwr	Appears before the back-up battery is completely discharged, usually after a prolonged power failure. Follow instruction for low battery failure.
EEPROM	Parameter programming fault. Call the installer.
Zone Trb.	One of the protected zones is faulty. Call the installer.
ROM	Software failure. Call the installer.
RAM	System failure. Call the installer.
Commun.	Failure to communicate with Monitoring Station. Call the installer.
Det. Vltg	Detector power supply. Call the installer.
Keypad not connected	No communication between the keypad and the HUNTER-PRO motherboard. Call the installer.
Other display use	Programming is done from another keypad or system is controlled via telephone.

## 4.2 Wireless Detectors for Walk-Test




“Walk Test” tests the strength of the radio transmission from the detector to the HUNTER-PRO only. During the Walk Test, the display will show the letter **W**.

The Walk Test is valid for only 10 minutes from the time you start it. After 10 minutes you have to restart the Walk Test from the beginning.

Press **END** any time to end the Walk Test procedure.

While performing the Walk Test, the name of the zone with its associated reception quality (Radio Strength Signal Indicator) will be displayed in readings from 1 to 10 where 10 represents the best reception quality.

In addition, the keypad will release tones in varying frequencies where the highest frequency represents the better reception. The wireless detectors will be automatically tested one after the other, and the readings will be saved in the system memory for future reference.

- ◆ **To Start the Walk Test:**  Master Code  
- ◆ In the display you will see the following:

```

ENTR=TEST  WL  ALL
NEXT=TAMPER ONLY

```

Press ENTR to check the reception quality from all wireless devices.

Press NEXT to check the reception quality only from the TAMPER reading. The system will display only the readings associated with the TAMPERS of the wireless devices. Before you initiate the TAMPER test, open the wireless detector housing and press on the tamper switch – from now on, the wireless detector will transmit a “tamper code” and the associated reception reading will be displayed on the keypad.

Example of Walk Test displays:

```

                W    12:34
-----

```

```

Living Room
    10                Z12

```

Reception quality from Z12, the living room, is 10.

#### 4.2.1 Wireless Event Histories

The following are display examples of wireless events in the history memory

Low battery in Zone 3.

```

14)                Zone 3
BAT  AUG  01  05:12

```

Supervision signal was not received from Zone 5

```

15)                Zone 5
SPR  FEB  22  01:52

```

Reception Test from Zone 12, Reception quality = 7.

16) Zone 12  
RSS=7 12:02RS

No communication with the wireless receiver.

17) WL unit fail  
DEC 11 05:12DEC

Wireless receiver communication frequency is blocked (Jammed).

19) WL unit jamm  
APR 17 15:54APR

### 4.3 Code Related Problems

- ◆ **Codes do not arm or disarm the system:**  
Enter the Code again. If that does not solve the problem, program the code again.
- ◆ **User Code does not disarm the system:**  
Check the Time Frame allocated for the User Code (see section 3.8.1.2)