



## Icon LCD Keypad (1640)



## User Guide

**P** ▲ **R** ▲ **D** ○ **X**®  
S E C U R I T Y   S Y S T E M S



# Table of Contents

---

<b>Introduction</b> .....	<b>1</b>
Legend.....	1
<b>Basic Operation</b> .....	<b>2</b>
Action Keys.....	2
Keypad Indicator Lights .....	3
On-screen Icons .....	4
Auditory Feedback.....	6
<b>Arming &amp; Disarming</b> .....	<b>7</b>
Exit Delay .....	7
Disarming & Deactivating an Alarm .....	7
Alarm Memory Display .....	8
Regular Arming.....	8
Stay Arming .....	9
Instant Arming .....	9
Force Arming .....	10
Manual Bypass Programming .....	11
One-Touch Arming .....	12
Keyswitch Arming .....	14
Timed Auto-Arming.....	14
“No Movement” Auto Arming .....	15
Fire Alarms .....	15
<b>Additional Features</b> .....	<b>19</b>
Programming Chime Zones.....	19

Keypad Muting .....	19
Panic Alarms .....	20
Program Time .....	21
Quick Function Keys .....	21
Keypad Settings .....	22
Partitioning .....	22
Testing & Maintenance.....	23
<b>Programming Access Codes.....</b>	<b>24</b>
System Master Code (Default: 123456) .....	24
Master Codes .....	24
Duress Code .....	25
Programming Access Codes.....	25
<b>Trouble List .....</b>	<b>27</b>
<b>System Checklist.....</b>	<b>31</b>

# 1.0 Introduction

---

The 1640 Icon LCD Keypad allows you to easily access your security system's functions and provide you with an easy-to-understand display of your security system's alarm and operational status.

All the actions performed in your security system will be executed and displayed through the keypad. Your security system uses advanced technology which will provide you with reliable security protection and powerful features that are easy to use.

Since you will communicate your instructions to the system through your keypad, please read this manual carefully and have your installer explain basic system operation.

## 1.1 Legend

---

	= Indicates a warning.
	= Indicates a note or reminder.
<b>[Number]</b>	= Indicates information that must be entered on the keypad.

## 2.0 Basic Operation

---

This section will provide an overview of the 1640's functionality. This includes the use of action keys, indicator lights and visual feedback.

 Many of the features in your system must be enabled by the installer. If the feature is not programmed, the keypad will emit a rejection beep and the action will be cancelled.

### 2.1 Action Keys

---

The 1640 has action keys with which you can access its various functions as shown in Table 1.

**Table 1: Action Keys**

Name	Key	Description
<b>Stay Arm</b>		Refer to <i>Stay Arming</i> on page 9 and <i>Instant Arming</i> on page 9.
<b>Force Arm</b>		Refer to <i>Force Arming</i> on page 10.
<b>Function Key 1</b>		Press and hold to activate devices (i.e. garage door) or reset smoke detectors. Speak to your installer for more details.
<b>Function Key 2</b>		Reserved for future use.
<b>Zone Bypass</b>		Refer to <i>Manual Bypass Programming</i> on page 11.

Name	Key	Description
<i>Events in Memory</i>		Refer to <i>Alarm Memory Display</i> on page 8.
<i>System Trouble</i>		Refer to <i>Trouble List</i> on page 27.
<i>N/A</i>		Reserved for future use.

## 2.2 Keypad Indicator Lights

The state of each light on the 1640 keypad represents a specific condition in your system as shown in Table 2.

**Table 2: Indicator Lights**

LED	Name	Status	Description
	AC Light	ON OFF	Power on Power off
	Status Light	Green ON	All zones closed
		Green OFF	Zone(s) open or in tamper
		Green flash	Exit delay

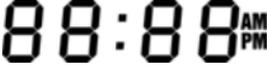
LED	Name	Status	Description
	Status Light	Red ON	Area(s) armed
		Red OFF	Area(s) disarmed
		Red slow flash	Stay or instant armed
		Red fast flash	System in alarm
		Red and yellow flash alternately	Communication bus fault

## 2.3 On-screen Icons

The icons on the keypad's screen communicate your system's status as outlined in Table 3.

**Table 3: Icon Display**

Icon(s)	Description
<b>1 2 3 4</b> <b>5 6 7 8</b> <b>9 10 11 12</b> <b>13 14 15 16</b>	Indicates numbers corresponding to zones or option numbers. Numbers will illuminate to indicate that a zone is opened or when in trouble view mode will indicate the trouble.
 <b>1</b> <b>2</b>	Indicates which areas are Force Armed. Refer to <i>Force Arming</i> on page 10.
 <b>1</b> <b>2</b>	Indicates which areas are Regular Armed. Refer to <i>Arming &amp; Disarming</i> on page 7.

Icon(s)	Description
	Indicates which areas are Instant Armed. Refer to <i>Instant Arming</i> on page 9.
	Indicates which areas are Stay Armed. Refer to <i>Stay Arming</i> on page 9.
	Indicates the numerical values for the time, sections, section data, options and codes.
	Indicates which zone is in Chime Mode. Refer to <i>Programming Chime Zones</i> on page 19.
	Indicates zones in tamper. Refer to <i>Arming &amp; Disarming</i> on page 7.
	Indicates zones that are in Fire Alarm. Refer to <i>Fire Alarms</i> on page 15
	Indicates system troubles. Refer to <i>Trouble List</i> on page 27.
	Indicates bypassed zones. Refer to <i>Manual Bypass Programming</i> on page 11.
	Indicates alarms stored in memory. Refer to <i>Alarm Memory Display</i> on page 8.

## 2.4 Auditory Feedback

---

When you enter information on the keypad, it will guide you with beep tones. You should be familiar with these:

**Confirmation Beep:** When an operation (i.e. arming/disarming) is successfully entered on the keypad or when the system switches to a new status/mode, the keypad produces an intermittent beep tone (“BEEP-BEEP-BEEP-BEEP”).

**Rejection Beep:** When the system reverts to previous status or when an operation is incorrectly entered on the keypad, it will emit a continuous beep tone (“BEEEEEEEEEP”).

## 3.0 Arming & Disarming

---

Take full advantage of your **Spectra** system by familiarizing yourself with all of the arming methods.



If your system is not partitioned (see *Partitioning* on page 22), everything is considered as belonging to area 1.

### 3.1 Exit Delay

---

After entering a valid arming sequence, an Exit Delay Timer will provide you with enough time to exit the protected area before the system arms. The keypad may beep during the Exit Delay and the  icon will flash with the number of the partition in exit delay.

### 3.2 Disarming & Deactivating an Alarm

---

To disarm an armed system or an alarm, enter your access code. An entry point, like the front door, will be programmed with one of two Entry Delay Timers. When an entry point is opened, the keypad will beep until you disarm the system. Your alarm system will not generate an alarm until this timer elapses. To disarm alarms generated by a Delayed Fire Zone, please refer to *Fire Alarms* on page 15.

#### **How Do I Disarm an Alarm?**

Enter your **[ACCESS CODE]**.

### 3.3 Alarm Memory Display

---

All zones where alarms have occurred will be stored in memory. The system will erase the contents of the Alarm Memory every time the system is armed.

#### How Do I View the Alarm Menu?

- 1) Press the  key.
- 2) The  icon will flash and the corresponding number of zones that were in alarm the last time the system was armed will illuminate.
- 3) Press the  or  key to exit.

### 3.4 Regular Arming

---

This method will arm all the zones in the selected area.

#### How Do I Regular Arm?

- 1) Close all zones in the desired area.
- 2) Enter your **[ACCESS CODE]**.
- 3) If required, press the key corresponding to the desired area, **[1]** or **[2]**. For both areas, press the other key after the confirmation beep.

 Regular Arming can also be activated using Auto-Arming (see page 14), a Keyswitch (see page 14), or One-Touch Arming (see page 12).

### 3.5 Stay Arming

---

This method allows you to remain in the protected area while partially arming the system. Stay Zones are zones that are bypassed when Stay Arming. For example, when you go to sleep at night, doors and windows can be armed without arming other zones like motion detectors.

#### How Do I Stay Arm?

- 1) Close all zones in the desired area (except Stay Zones).
- 2) Press the  key.
- 3) Enter your **[ACCESS CODE]**.
- 4) If required, press the key corresponding to the desired area, **[1]** or **[2]**. For both areas, press the other key after the confirmation beep.



Stay Arming can also be activated using Auto-Arming (see page 14), a Keyswitch (see page 14) or One-Touch Arming (see page 12).

### 3.6 Instant Arming

---

Instant Arming is similar to Stay Arming. Instant Arming partially arms your system and enables you to remain in the perimeter after the system is armed. However, Instant Arming ignores any Entry or Exit Delays Therefore, any armed zone that is breached will immediately generate an alarm.

### How Do I Instant Arm?

- 1) Stay Arm the system as outlined in *Stay Arming* on page 9.
- 2) During the Exit Delay press and hold the  key for 3 seconds.

## 3.7 Force Arming

---

During Force Arming, any open zones are temporarily “deactivated” so you can rapidly arm the system without waiting for all of the zones in the system to close. When the zone closes, the system will then arm those zones. Force Arming is commonly used when a motion detector is protecting the area occupied by a keypad.

### How Do I Force Arm?

- 1) Close zones in the desired area (except Force Zones).
- 2) Press the  key.
- 3) Enter your **[ACCESS CODE]**.
- 4) If required, press the key corresponding to the desired area, **[1]** or **[2]**. For both areas, press the other key after the confirmation beep.

 Force Arming can also be activated by using One-Touch Force Arming (see page 13).

## 3.8 Manual Bypass Programming

---

Manual Bypass Programming allows you to program the alarm system to ignore (deactivate) specified zones the next time the system is armed. For example, you may wish to bypass certain zones when workers are renovating part of your establishment. Once the system is disarmed, the bypass entries are erased.

### How Do I Bypass Zones?

- 1) Press the  key.
- 2) Enter your [ACCESS CODE]. The  icon flashes.
- 3) If required, select the area whose zones you wish to bypass by pressing the [1] or [2] key.
- 4) Enter the desired two-digit zone number (i.e. zone 3 = 03) or use the [▲] or [▼] buttons to scroll to the desired zone and press the  key. Repeat to unbyypass the zone. If the zone number illuminates, the zone is bypassed. If the zone number is extinguished, the zone is unbyypassed.
- 5) Repeat step 4 until all desired zones are bypassed.
- 6) Press the  key to exit. The  icon will illuminate.

 Can also be activated by using One-Touch Bypass Programming (see page 13).

### 3.8.1 Bypass Recall Feature

After disarming the system, the bypass entries are erased. The Bypass Recall Feature reinstates the previous bypass

entries saved in memory. This eliminates the need to manually reprogram the bypass entries every time you arm the system.

### **How Do I Recall Bypass Entries?**

- 1) Press the  key.
- 2) Enter your **[ACCESS CODE]**.
- 3) Select an area.
- 4) Press the  key.
- 5) Press the  to exit.

## **3.9 One-Touch Arming**

---

One-Touch Arming allows you to arm the system without using an access code. These features must be enabled by your installer.

### **3.9.1 One-Touch Regular Arming**

Press and hold the  key for 3 seconds to arm all zones in the area. You can use this feature to allow specific individuals like service personnel (i.e. cleaners) to arm without giving them access to any other alarm system operations. For details on Regular Arming, refer to *Regular Arming* on page 8.

### **3.9.2 One-Touch Stay Arming**

Press and hold the  key for 3 seconds to stay arm. For details on Stay Arming, refer to *Stay Arming* on page 9.

### 3.9.3 Exit and Stay Arm

With the system already Stay armed, press and hold the  key for 3 seconds to start the Exit Delay (see page 7). You can now leave the premises. When the Exit Delay elapses, the system will return to Stay Arming.

### 3.9.4 Exit and Regular Arm

With the system is already Stay armed, press and hold the  key for 3 seconds to start the Exit Delay (see page 7). You can now leave the premises. When the *Exit Delay* elapses, the system will switch to Regular Arming (see page 8).

### 3.9.5 Exit and Force Arm

With the system is already stay armed, press and hold the  key for 3 seconds to start the Exit Delay (see page 7). You can now leave the premises. When the Exit Delay elapses, the system will switch to Force Arming (see page 10).

### 3.9.6 One-Touch Force Arming

Press and hold the  key for 3 seconds to bypass any open Force Zones. For details on Force Arming, refer to page 10.

### 3.9.7 One-Touch Bypass Programming

Press and hold the  key for 3 seconds to access Bypass Programming Mode (see page 11).

### 3.10 Keyswitch Arming

---

A keyswitch can be used to arm and disarm the system. A keyswitch is programmed to Stay Arm (see page 9) or Regular Arm (see page 8). A keyswitch can function as a Maintained or Momentary keyswitch.

To arm the system using a Maintained Keyswitch, set the keyswitch to the ON position. To disarm the system set the keyswitch to the OFF position.

To arm the system using a Momentary Keyswitch, set the keyswitch to the ON position then turn it back to the OFF position. Repeating this sequence will disarm the system.

### 3.11 Timed Auto-Arming

---

You can program the time at which your alarm system will automatically arm itself everyday.

#### **How do I Program the Auto-Arm Timer?**

- 1) Press the  key.
- 2) Enter your **[MASTER CODE]**.
- 3) Enter **[101]** for area 1 or **[102]** for area 2.
- 4) Enter the desired **[TIME]**. Note: Your installer will have set the time as either International (24hr) or U.S. (12hr) format.
- 5) Select **[1]** for a.m. or **[2]** for p.m. time format. Refer *Program Time* on page 21 for details concerning time formats.



A 60-second Exit Delay (see page 7) will start before the system arms. Auto-Arming can be cancelled by entering your access code.

### **3.12 “No Movement” Auto Arming**

---

Your panel can be programmed to arm the system and/or send a report if no zone activity occurs for a pre-programmed amount of time. This is useful when supervising an individual with chronic health problems or who lives alone.

### **3.13 Fire Alarms**

---

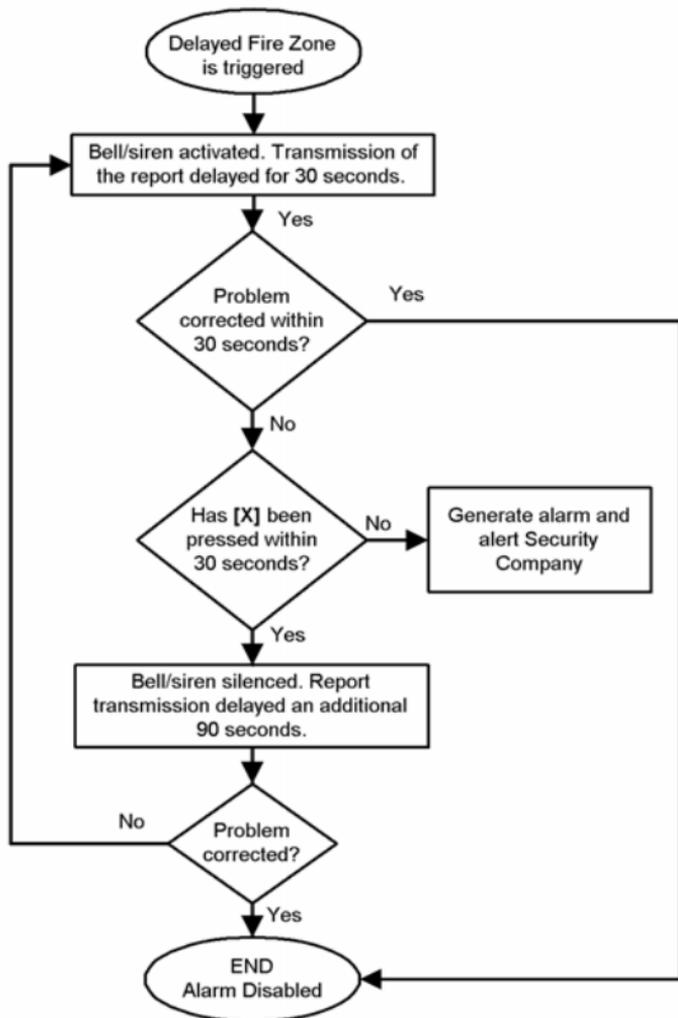
Upon a fire alarm, the bell/siren will emit three “squawks” at 2 second intervals until silenced or reset by entering a valid access code. If the zone is a Delayed Fire Zone, there is a delay before the system contacts the monitoring station. This will prevent unnecessary reporting of false alarms. If there is no fire condition, contact your monitoring station immediately to avoid an unnecessary response.

#### **What Do I Do if a Delayed Fire Zone Was Activated?**

- 1) Press the **X** key within 30 seconds of the alarm.
- 2) Try to correct the problem.
- 3) If the problem persists, the alarm will sound again. Press the **X** key again.

This instructs the system to delay reporting the fire alarm to the monitoring station (see Figure 3.1 on page 16).

**Figure 3.1: Delayed Fire Zone Event Sequence**



## **Minimizing Fire Hazards**

The three most common causes of fires:

- Cooking is the leading cause of home fires in the U.S. It's also the leading cause of fire injuries. Cooking fires often result from unattended cooking and human error, rather than mechanical failure of stoves or ovens.
- Careless smoking is the leading cause of fire deaths. Smoke detectors and smolder-resistant bedding and upholstered furniture are significant fire deterrents.
- Heating is the second leading cause of residential fires. However, heating fires are a larger problem in single family homes than in apartments since the heating systems in single family homes are often not professionally maintained.

## **Fire Safety Tips**

- In the event of a fire, escape first, then call for help. Develop a home fire escape plan and designate a meeting place outside. Make sure everyone in the family knows two ways to escape from every room. Practice feeling your way out with your eyes closed. Never stand up in a fire, always crawl low under the smoke and try to keep your mouth covered. Never return to a burning building for any reason; it may cost you your life.
- Finally, having at least one working smoke alarm dramatically increases your chances of surviving a fire. And remember to practice a home escape plan frequently with your family.

## **Providing a Fire Warning System**

Household fires are especially dangerous at night. Fires produce smoke and deadly gases that can overcome occupants while they sleep. To warn against fire, smoke detectors should be installed outside each separate sleeping area in the immediate vicinity of the bedrooms and on each additional story of the family living unit, including basements.

## 4.0 Additional Features

---

### 4.1 Programming Chime Zones

---

A Chime Enabled zone will advise you every time it is opened by causing your keypad to beep.

#### How do I Chime Zones?

- 1) Press & hold the **[9]** key for 3 seconds.
- 2) Enter the two-digit zone number of the desired zone or use the **[▲]** or **[▼]** buttons to scroll to the desired zone and press the **●** key. Repeat to unchime the zone. If the zone number illuminates, the zone is chimed. If the zone number is extinguished, the zone is unchimed. To remove chiming from all zones, press the  key.
- 3) Press the **X** key to exit.



Each keypad must be Chimed separately.

### 4.2 Keypad Muting

---

When muted, the keypad will only emit the confirmation beep, rejection beep, and beep when a key is pressed. Therefore, when muted, the keypad will not beep during an alarm or during the exit delay. Press and hold the **X** key for 3 seconds to enable or disable Keypad Muting. If the keypad emits a confirmation beep, Keypad Muting is enabled for that keypad. If the keypad emits a rejection beep, the feature is disabled.

-  Each keypad must be Muted separately. Keypad Muting must be reprogrammed if your system suffers a total power loss.

## 4.3 Panic Alarms

---

In case of emergency, the **Spectra** system can provide three panic alarms that can immediately generate an alarm after simultaneously pressing and holding two specific buttons for three seconds. Based on your needs, these panic alarms can generate audible alarms (sirens or bells) or silent alarms and can communicate specific messages to your monitoring station. For instance, pressing **[1]** and **[3]** can mean “call the police” or anything you require.

Press and hold buttons **[1]** and **[3]** for the police.

Press and hold buttons **[4]** and **[6]** for a medical alarm.

Press and hold buttons **[7]** and **[9]** for a fire alarm.

## 4.4 Program Time

### How do I Program the Time?

- 1) Press the  key.
- 2) Enter **[MASTER CODE]**.
- 3) Enter **[100]**.
- 4) Enter the desired **[TIME]**. Note: Your installer will have set the time as either International (24hr) or U.S. (12hr) format.
- 5) If the format is U.S., select “1” for A.M. or “2” for P.M.
- 6) Press the  key to exit.

## 4.5 Quick Function Keys

Upon request of your installer or monitoring station you may have to perform one of the following.

### 4.5.1 Test Report

Press the  key, enter your **[MASTER CODE]** and press the  key. This will send a test report code to the monitoring station.

### 4.5.2 Call PC

Press the  key, enter your **[MASTER CODE]** and press the  key. This will initiate a call to the monitoring station that is using the WinLoad software.

### 4.5.3 Answer PC

Press the  key, enter your [MASTER CODE] and press the  key. This will force your security system to answer a call made by your monitoring station that is using the WinLoad software.

### 4.5.4 Cancel Communication

Press the  key, enter your [MASTER CODE] and press the  key. This will cancel all communication with the WinLoad software if it has been initiated.

## 4.6 Keypad Settings

---

You can modify the keypad's setting to suit your needs.

- 1) Press and hold [6] for 3 seconds.
- 2) Press one of the following keys:
  - [1] Backlight: the keypad's light (7 is the brightest).
  - [2] Contrast: character intensity (7 is the lightest).
  - [3] Scroll: time between messages (7 is the slowest).
- 3) Press [] or [] to modify the settings.
- 4) Press the  key to save and exit.
- 5) Return to step 2 or press the  key to exit.

## 4.7 Partitioning

---

Your *Spectra* system is equipped with a partitioning feature that can divide your alarm system into two distinct areas identified as Area 1 and Area 2. Partitioning can be used in

installations where shared security systems are more practical, such as a home office or warehouse building. When partitioned, each zone, each user code and many of your system's features can be assigned to either Area 1, Area 2, or both areas.



An area is the same as a partition. The term partition or partitioning is a term installers use to describe the division of secured premises into separate partitions or areas. Only your installer can partition your premises.



***If the system is not partitioned, all zones, user codes, and features will be recognized as belonging to Area 1.***

## 4.8 Testing & Maintenance

---

With the system disarmed and the  light is ON, activate motion detectors by walking in the protected area. Open and close protected doors and verify that the corresponding key illuminates. Your installer can advise you of the best way to test your particular system.

Do not use open flame or burning materials to test your fire detection devices. Contact your installer for safe methods of testing your system.

Under normal use, your system requires virtually no maintenance other than regular testing. It is recommended that the standby battery be changed every three years. Speak to your installer about the necessary tests and at what frequency they should be performed.

## 5.0 Programming Access Codes

---

Access codes are personal identification numbers that allow you to enter certain programming modes, arm or disarm your system as well as activate or deactivate PGMs.

The Spectra security system supports the following:

- One System Master Code
- Two Master Codes
- 45 User Access Codes (including one Duress Code)

 If any area is armed, you cannot create, modify or delete user access codes.

For information on how each access code can arm or disarm the system refer to the *System Checklist* on page 31.

### 5.1 System Master Code (Default: 123456)

---

The System Master Code can arm or disarm any area using any of the methods described in this section and can create, modify or delete any user access code. Refer to *Programming Access Codes* on page 25.

### 5.2 Master Codes

---

Master Code 1 is permanently assigned to Area 1 and can be used to create, modify or delete user access codes (see page 25) that are assigned to Area 1.

Master Code 2 is permanently assigned to Area 2 (except when partitioning is disabled, in which case Master Code 2

will be assigned to Area 1) and can be used to create, modify or delete user access codes that are assigned to the same area (see *Programming Access Codes* on page 25).



Master codes cannot modify or delete user access codes assigned to both areas. Only the System Master Code can modify or delete user access codes assigned to both areas.

### **5.3 Duress Code**

---

If you are forced to arm or disarm your system, entering the access code assigned to User 048 will arm or disarm the system and immediately transmit a silent alert (Duress Code) to the monitoring station.



This option must be enabled by your installer.

### **5.4 Programming Access Codes**

---

Your system can use either 4- or 6-digit access codes (see *Access Codes* on page 32), where each digit can be any value from 0 to 9. Six-digit codes are considered more difficult to “crack” and therefore, more secure. Avoid programming simple or obvious access codes, such as your telephone number, address or codes such as 1234.

### How Do I Program Access Codes?

- 1) Press the ← key.
- 2) Enter your [MASTER CODE].
- 3) Enter 3-digit [SECTION] (see Table 4).
- 4) Enter a new 4- or 6-digit [ACCESS CODE]
- 5) Press X to exit.

### How Do I Delete Access Codes?

- 1) Repeat steps 1 to 3 (see above).
- 2) Press the  key once for each digit in the access code (4 or 6 times) until the keypad emits a confirmation beep then press the X key to exit.

 After entering the section number from Table 4, the 1640 will only display the first two digits of your code. Once you have entered the second digit, the third and then the fourth digit will appear.

**Table 4: User Code Sections**

Section	User Codes
[001]	User Code 001 = System Master Code
[002]	User Code 002 = Master Code 1
[003]	User Code 003 = Master Code 2
[004] to [047]	User Code 004 to User Code 047
[048]	User Code 048 or Duress Code

## 6.0 Trouble List

---

Your alarm system continuously monitors fourteen possible trouble conditions. Most of these trouble conditions can be reported directly to your monitoring station.



***We strongly suggest that you inform your monitoring station of the trouble and allow them to service your system.***



The keypad can be programmed by the installer to emit a beep every 5 seconds whenever a new trouble condition has occurred. Press the (🔔) key to stop the trouble beep.

When a trouble condition occurs, the (🔔) icon will illuminate.

### **How Do I Access the Trouble List?**

- 1) Press the (🔔) key. The (🔔) icon will flash and number(s) corresponding to the trouble(s) will illuminate.
- 2) Read the corresponding explanation of the trouble from the trouble list. If no repair instructions are given, call your monitoring station for repairs.
- 3) Press the X or the (🔔) key to exit

### **[1] No or Low Battery Trouble**

The backup battery is disconnected or the battery voltage is getting low.

### **[2] Wireless Transmitter Battery Low**

The battery voltage in a wireless transmitter is low.

### **[3] Power Failure**

The system has detected a loss of AC power. This trouble usually occurs during a power failure. If a power failure is not occurring in your establishment and this trouble appears, contact your monitoring station for service.

### **[4] Bell/PGM2 Disconnected Trouble**

Any device connected to the Bell or PGM2 output is no longer connected to your alarm system.

### **[5] Bell Current Failure**

During an alarm, the bell output, which uses a fuseless circuit, will automatically shut down if the current exceeds a predetermined value. When the system is disarmed, the current is cut from the bell output and the trouble warning may extinguish, but the trouble may reoccur during the next alarm if the situation is not corrected.

### **[6] Auxiliary Current Failure**

The auxiliary output, which supplies power to your alarm system's accessories, uses a fuseless circuit to protect the power supply against current overload and automatically shuts down if the current exceeds a predetermined value.

### **[7] Communication Failure**

Your alarm system, if monitored, could not communicate with the monitoring station.

### **[8] Timer Loss**

Your alarm system's clock must be reprogrammed. **This is the only trouble that we recommend that you correct.**

Press the **[8]** key to change the time.

 To reprogram the clock refer to *Program Time* on page 21.

### **[9] Tamper/Zone Wiring Failure**

A wiring problem is occurring on one or more zones. Press the **[9]** key to view which zones are affected.

 After pressing the **[9]** key, the 1640 will display the (❗) and (🔌) icons with the corresponding number of the zone(s) in tamper. The (❗) and (🔌) icons will extinguish once the tamper condition has been resolved.

### **[10] Telephone Line Monitoring Failure**

The system has not detected the presence of a telephone line for more than a pre-determined period of time.

### **[11] Fire Zone Trouble**

A wiring problem on the fire zone is occurring.

### **[12] Module Loss**

A module is no longer communicating with your system.

### **[13] Wireless Transmitter Supervision Loss**

A wireless transmitter is no longer communicating with its receiver or its batteries are disconnected.

**To view on which zones the Wireless Transmitters are experiencing trouble, press the  key after step 2 from the Trouble Display (see *Trouble List* on page 27).**

### **[16] Keypad Fault**

If for any reason your keypad is no longer communicating with your alarm system, the keypad will emit three consecutive beeps at 3-second intervals. When communication is restored, the keypad will resume its functions.

## 7.0 System Checklist

---

Is this system partitioned? Yes  No

Area 1 = \_\_\_\_\_

Area 2 = \_\_\_\_\_

<b>Zone # and Description</b>	<b>Area 1 or 2</b>	<b>Byp</b>	<b>Stay</b>	<b>Force</b>	<b>24Hr</b>	<b>Entry Delay</b>
01: _____	_____	<input type="checkbox"/>				
02: _____	_____	<input type="checkbox"/>				
Keyswitch? Y <input type="checkbox"/> N <input type="checkbox"/>						
Type: _____						
03: _____	_____	<input type="checkbox"/>				
Fire Zone? Y <input type="checkbox"/> N <input type="checkbox"/>						
Delayed? Y <input type="checkbox"/> N <input type="checkbox"/>						
04: _____	_____	<input type="checkbox"/>				
05: _____	_____	<input type="checkbox"/>				
06: _____	_____	<input type="checkbox"/>				
07: _____	_____	<input type="checkbox"/>				
08: _____	_____	<input type="checkbox"/>				
09: _____	_____	<input type="checkbox"/>				
10: _____	_____	<input type="checkbox"/>				
11: _____	_____	<input type="checkbox"/>				
12: _____	_____	<input type="checkbox"/>				

Zone # and Description	Area 1 or 2	Byp	Stay	Force	24Hr	Entry Delay
13: _____	_____	<input type="checkbox"/>				
14: _____	_____	<input type="checkbox"/>				
15: _____	_____	<input type="checkbox"/>				
16: _____	_____	<input type="checkbox"/>				

### Access Codes

For security reasons, write only the user's name and not his or her access code. 4-Digit Codes  6-Digit Codes

User # and Name	Area 1 or 2	Byp	Stay	Force	Arm Only
001: _____ System Master Code (123456)	<b>1 &amp; 2</b>	<b>on</b>	<b>on</b>	<b>on</b>	<b>-</b>
002: _____ Master Code 1	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
003: _____ Master Code 2	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
004: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
005: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
006: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
007: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
008: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
009: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>User # and Name</b>	<b>Area 1 or 2</b>	<b>Byp</b>	<b>Stay</b>	<b>Force</b>	<b>Arm Only</b>
010: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
011: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
012: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
013: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
014: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
015: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
016: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
017: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
018: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
019: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
020: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
021: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
022: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
023: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
024: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
025: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
026: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
027: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
028: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
029: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

User # and Name	Area 1 or 2	By	Stay	Force	Arm Only
030: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
031: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
032: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
033: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
034: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
035: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
036: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
037: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
038: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
039: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
040: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
041: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
042: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
043: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
044: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
045: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
046: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
047: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
048: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Duress: Y  N

## Special Buttons and Features

-  One-touch *Regular Arming* is activated
-  One-touch *Stay Arming* is activated
-  One-touch *Force Arming* is activated
-  One-touch *Manual Bypass Programming* is activated

## Panic Alarms:

- [1] & [3] Police or \_\_\_\_\_  Silent  Audible  Off  
[4] & [6] Aux. or \_\_\_\_\_  Silent  Audible  Off  
[7] & [9] Fire or \_\_\_\_\_  Silent  Audible  Off

## System Timers

Enter and exit your premises through the designated doors.

*Exit Delay 1* (Area 1): \_\_\_\_\_ sec. = time to exit site

*Exit Delay 2* (Area 2): \_\_\_\_\_ sec. = time to exit site

*Entry Delay 1* = \_\_\_\_\_ sec. = time to disarm before alarm;  
enter through zone # \_\_\_\_\_

*Entry Delay 2* = \_\_\_\_\_ sec. = time to disarm before alarm;  
enter through zone # \_\_\_\_\_

Alarm will activate siren or bell for \_\_\_\_\_ min.

## Other Information

Installed by: \_\_\_\_\_ Date: \_\_\_\_\_

Serviced by: \_\_\_\_\_ Tel: \_\_\_\_\_

Monitored by: \_\_\_\_\_ Tel: \_\_\_\_\_

Your account number: \_\_\_\_\_

Alarm transformer location: \_\_\_\_\_ on

circuit #: \_\_\_\_\_

Phone Connections: \_\_\_\_\_

## **Warranty**

Paradox Security Systems Ltd. ("Seller") warrants its products to be free from defects in materials and workmanship under normal use for a period of one year. Except as specifically stated herein, all express or implied warranties whatsoever, statutory or otherwise, including without limitation, any implied warranty of merchantability and fitness for a particular purpose, are expressly excluded. Because Seller does not install or connect the products and because the products may be used in conjunction with products not manufactured by Seller, Seller cannot guarantee the performance of the security system and shall not be responsible for circumstances resulting from the product's inability to operate. Seller obligation and liability under this warranty is expressly limited to repairing or replacing, at Seller's option, any product not meeting the specifications. Returns must include proof of purchase and be within the warranty period. In no event shall the Seller be liable to the buyer or any other person for any loss or damages whether direct or indirect or consequential or incidental, including without limitation, any damages for lost profits stolen goods, or claims by any other party, caused by defective goods or otherwise arising from the improper, incorrect or otherwise faulty installation or use of the merchandise sold.

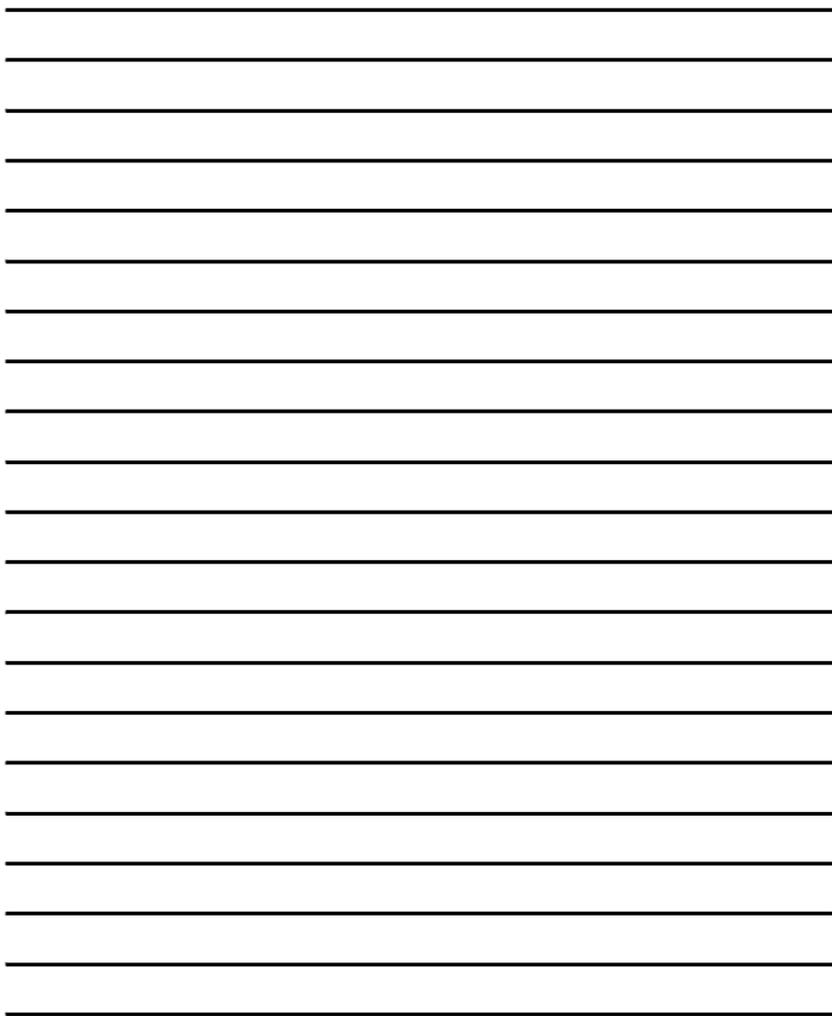
Notwithstanding the preceding paragraph, the Seller's maximum liability will be strictly limited to the purchase price of the defective product. Your use of this product signifies your acceptance of this warranty.

**BEWARE:** Dealers, installers and/or others selling the product are not authorized to modify this warranty or make additional warranties that are binding on the Seller.

© 2002-2004 Paradox Security Systems. All rights reserved. Specifications may change without prior notice. One or more of the following US patents may apply: 6215399, 6111256, 5751803, 5721542, 5287111, 5119069, 5077549, 5920259, 5886632. Canadian and international patents may also apply.

Spectra is a trademark or registered trademark of Paradox Security Systems Ltd. or its affiliates in Canada, the United States and/or other countries.







**P ▲ R ▲ D O X<sup>®</sup>**  
**S E C U R I T Y S Y S T E M S**

780 Industriel Blvd., St-Eustache, QC, Canada J7R 5V3

Tel: (450) 491-7444

Fax: (450) 491-2313

[www.paradox.ca](http://www.paradox.ca)

Printed in Canada - 09/2004

1640-EU01