

# User's Guide

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MA7240AO-0001

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**SOLUTION 40**

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NOTES:

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NB: If a user is deleted from the system, assigned keyfob will not work.

USER LIST					
	DATE	NAME	AREA	AUTHORITY	KEYFOB
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					

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## Quick Reference

Below is a list of the most commonly used Commands

<b>Disarming (Command 81)</b> .....	<b>57</b>
<b>Arming (Command 80)</b> .....	<b>58</b>
<b>Away Mode</b> .....	<b>10</b>
<b>Bypass Zones (Command 0)</b> .....	<b>27</b>
<b>Changing PIN Codes (Command 55)</b> .....	<b>29</b>
<b>Delete PIN Codes (Command 58)</b> .....	<b>34</b>
<b>Reset System (Command 47)</b> .....	<b>43</b>
<b>Arming The System In Away Mode (Command 1)</b> .....	<b>18</b>
<b>Disarming The System</b> .....	<b>17</b>
<b>Arming The System in Away With No Entry Delay</b> .....	<b>22</b>
<b>Arming The System in Away With No Exit Tone</b> .....	<b>24</b>
<b>Arming The System in Away With Zones Faulted</b> .....	<b>25</b>
<b>Arming The System in Stay Mode (Command 2)</b> .....	<b>19</b>
<b>Arming The System in Stay 2 Mode (Command 3)</b> .....	<b>20</b>
<b>View Alarm Memory (Command 40)</b> .....	<b>37</b>
<b>View System Trouble (Command 42)</b> .....	<b>38</b>

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## Features

Listed below are the main features of the SOLUTION 40 control panel.

- 40 Fully Programmable Zones
- Fire Alarm Verification
- 32 PIN codes
- 32 RF Keyfobs
- 4 On-Board Outputs (Max 20 Outputs)
- Supervised Siren Driver
- 8 Programmable Schedules (Skeds)
- Partitionable (1 – 4 Areas)
- Built-In Dialler (reports (Contact ID, SIA, Securitel and Pager formats)
- Up To 8 Fully Supervised Keypads
- Keyswitch Input (programmable)
- 254 History Event Memory
- EMI / Lightning Transient Protection
- Programmable Via Text Keypad
- Remote Programmable Via DSRPS Upload/Download Software
- Alarm Event Memory
- Automatic Test Reports
- Built-In Telephone Line Fail Monitor
- Securitel Compatible

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# Keypad User's Guide

This user's guide shows you how to use and maintain your security system. It covers basic functions, such as arming and disarming the system.

The functions describe in this guide are programmed by your security company. Some of them may not be included in your system. Some of the functions covered may require you to enter your personal PIN Code.

## Introduction

Your system helps to secure life, property, and investments against fire, theft and bodily harm. It consists of a keypad (or keypads), sensors such as motion detectors or devices located on doors and windows, and other sensing devices designed to detect the presence of smoke or combustion. Each of these devices is connected to a sophisticated electronic "brain", which processes all events registered by the system.

Control of your security system is achieved through the keypad, which offers a variety of basic and advanced features. Its function, versatility, and ease of operation, make it ideal for home or office. The keypad is tailored to meet your individual needs. Moreover, it has been designed with you, the user, in mind.

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# Security System Basics

## What Is A Zone?

A "Zone" is a detection device, or group of devices connected to your security system. Zones are identified by the area they monitor, such as a front door, bedroom window or hallway.

## What Is A "Faulted" Zone ?

When a zone (such as a door or window) is closed, it is said to be "normal". When the door or window is open, the zone is said to be "faulted" or not normal. When you turn your system on, you will usually want all of the zones in your system to be normal, although, you can arm your system with faulted zones by using the Bypass Zones command.

You can see whether there are faulted zones by pressing the [Select] key when the system is disarmed.

## Are All Zones The Same ?

No. There are two basic types of zones, Controlled and 24-hour.

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## **Controlled Zones**

Controlled zones respond to alarm conditions depending upon whether the system is armed or disarmed. They are programmed to either respond instantly to alarm conditions or to provide a delay for you to reach the Codepad and disarm the system. Various controlled zones may be located throughout your house.

When you arm your system, you have the option of arming all controlled zones (In Away Mode), or just some of the controlled zones (in Stay Mode). Refer to Away Mode and Stay Mode at page 10 for more information.

## **24-Hour Zones**

24-hour zones are always on, even when the system is disarmed. There are two types of 24-hour zones, fire zones and non-fire zones.

### **Fire zones**

Fire zones only monitor fire detection devices, such as smoke detectors. They are always on and cannot be disarmed.

### **Non-fire 24-Hour Zones**

Non-fire 24-hour zones are always on and cannot be turned off.

## **Away Mode**

When you turn your system Away Mode, you are arming on all controlled zones, both interior (motion detectors) and perimeter (doors and windows of the building).

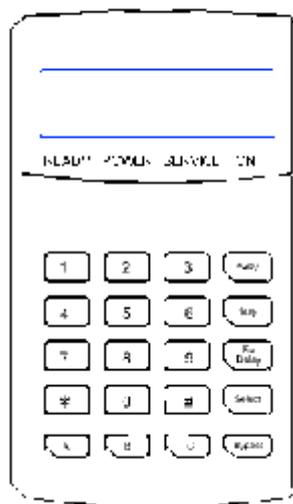
## **Stay Mode**

When you turn your system Part On, you are arming on only a portion of the controlled zones. Your alarm company determines the particular zones included in this portion. Part zones may include only the perimeter (doors and windows) or your system, or the zones on the first floor of a two-story house. Check with your security company to learn which zones are Part zones.

## Keypad Keys

Your keypad has up to 21 keys depending on the keypad that is being used. These keys perform various functions as described below:

- 1, 2, 3, 4, 5, 6, 7, 8, 9, 0** The numeric keys allow you to enter your PIN Code when required.
- Select** Use the Command and the numeric keys to enter commands. Numerous commands are detailed throughout the user guide. (if a mistake is made Command Key is pressed twice to cancel)
- Away** The Away Mode key allows you to turn your system Away Mode. Refer to page 18 for more information on Arming The System in Away mode, (Command 1)
- Stay** The Part On key allows you to turn your system Part On. Refer to page 19 for more information on Arming The System in Stay mode, (Command 2)
- No Delay** The No Delay key allows you to turn your system Away Mode or Part On with no entry delay. Refer to page 22 for more information on Arming The System With No Entry Delay.
- Bypass** The Bypass key allows you to bypass one or more zones. Refer to page 27 for information on Bypassing Zones.
- \*** Press the \* key to advance to the next display (when available).
- A** An emergency function (Fire, Panic or Emergency Alarms) may be assigned to this key by your security company. Press this key twice to activate the special function. Your security company will label each key accordingly.
- B** An emergency function (Fire, Panic or Emergency Alarms) may be assigned to this key by your security company. Press this key twice to activate the special function. Your security company will label each key accordingly.
- C** An emergency function (Fire, Panic or Emergency Alarms) may be assigned to this key by your security company. Press this key twice to activate the special function. Your security company will label each key accordingly.



**Figure 1: CP7446 Keypad**

## Status LED's

The following table describes the function of each of the status LED's.

LED	Display	Condition
<b>READY</b>	On Steady	Area is ready to arm
	Off	Area has zone faulted or Area is armed In Away Mode
<b>POWER</b>	On Steady	AC mains supply is normal
	Fast Flash	AC mains supply has failed
<b>SERVICE</b>	Off	No system trouble exists
	Slow Flash	A system trouble condition exists
	Fast Flash	System Testing
<b>ON</b>	Off	System is disarmed (turned off)
	On Steady	Area is armed with delay
	Slow Flash	Area is armed without delay

*Table 1: Status LED's*

## Keypad Tones

Your keypad emits several distinct tones and displays text to alert you to system events. Additional bells or sirens may also be connected to your system. Bells or sirens mounted on the exterior of your premises alert neighbours to emergencies and provide an audible guide for police and fire fighters.

<b>Fire Alarm Tone</b>	When a fire zone activates, the keypad emits a repeated warble tone (on for one second, then briefly off).
<b>Burglary Alarm Tone</b>	When a burglary zone activates while your system is turned off or disarmed, your keypad emits a continuous warble tone. It sounds for the time set by your security company.
<b>Trouble Tone</b>	When a system component is not functioning properly, your keypad emits a repeated warble tone (on briefly, followed by a pause, followed by the warble tone). If the problem is with a zone, the keypad display indicates which zone is faulted.
<b>Key Press Tone</b>	Pressing any key on the keypad sounds a short pip, indicating that the key press is accepted.
<b>Entry Delay Tone</b>	When you enter the premises through a zone programmed for entry delay, the keypad emits a repeating short beep, long beep tone to remind you to disarm your system. If the system is not disarmed before the entry delay expires, an alarm condition will sound and a report may be sent to your alarm company.
<b>Exit Delay Tone</b>	After you arm your system, the keypad emits an intermittent beep tone and counts down the exit delay time. If you don't exit before the delay time expires and an exit delay door is faulted, an alarm occurs.
<b>Error Tone</b>	If you press an incorrect key, your keypad emits an error tone to indicate an invalid entry. The error tone is the same warble tone as the Trouble Tone, but is not repeated.
<b>OK Tone</b>	Indicates that a keypad entry is accepted; for example, that a correct PIN Code has been entered. The keypad emits a single, high-pitched beep tone for one second.
<b>Chime Tone</b>	The keypad emits a tone to alert you when any Chimed zone is faulted. The tone varies in duration, depending upon the Chime Tones selected. Refer to page 45 for more information on Selecting Chime Tone, (Command 62).

## Commands

Commands allow you to carry out various tasks (For example, add or delete PIN codes, set the date and time or test the system etc.) Each command is detailed throughout the user guide.

Commands will be written like the following: Command 63. To enter this command, you would first press the [Select] key, followed by the [6] key and then the [3] key.

## System Events

Your system responds to four types of alarm events. If more than one event occurs, your system sorts them into one of four groups. The groups (highest in priority first) are: Fire Alarms, Burglary Alarms, Fire Troubles and Non-Fire Troubles.

### Fire Alarms

Fire alarms are the highest priority events. When a fire zone activates, your keypad emits a warble tone that is on for one second, then briefly off (repeatedly). The tone sounds for the time set by your security company. Evacuate all occupants and investigate for smoke or fire. Ensure that all occupants know the difference between the burglary tone and the fire tone.

### Burglary Alarms

Burglary alarms are the second priority. When a burglary zone activates while your system is armed, your keypad emits a constant warble tone. The tone sounds for the time set by your security company.

The keypad display shows each burglary zone that went into alarm. Press the [\*] key to manually scroll the list if you wish.

### Fire Trouble Events

When a fire trouble (such as a loose wire) occurs, your keypad emits a trouble tone, which is a warble tone that is on briefly, then followed by a pause, followed by the warble tone (repeatedly).

The keypad displays the SYSTEM TROUBLE message. Refer to page 36 for more information on Checking System Troubles, (Command 4) to determine the nature of the trouble.

### Non-Fire Trouble Events

When a trouble event such as a power failure occurs, your keypad emits a trouble tone, which is a warble tone that is on briefly, followed by a pause, followed by the warble tone (repeatedly).

The keypad displays the SYSTEM TROUBLE message. Refer to page 36 for more information on Checking System Troubles, (Command 4) to determine the nature of the trouble.

## How Your System Reports Alarms

Your security system may be programmed to send reports to your security company. Once the report is complete, the system returns the telephone to normal operation (check with your security company).

Your system makes repeated attempts to send reports to your security company. If your system fails to report, the keypad will signal a system trouble. Refer to page 36 for more information on Checking System Troubles, (Command 4) to determine the nature of the trouble.

### Note

**If your telephone service is interrupted, your security system cannot send reports to your security company unless it has an alternate means of transmitting them.**

## Checking System Status

When the system is disarmed, pressing the [Select] key shows the current system status. The following messages may appear:

<b>System OK.</b>	Indicates that the system is ready to be armed.
<b>System Trouble! Press 4 to view.</b>	Indicates that there is a system trouble. Refer to page 36 for more information on Checking System Troubles, (Command 4) to determine the nature of the trouble.
<b>Zones bypassed. Press 0 to view.</b>	Indicates that the system has zones that have been bypassed. Refer to page 27 for information on Bypassing Zones.
<b>Zones faulted. Press 0 to view.</b>	Indicates that the system has zones faulted. Refer to page 26 for information on Viewing Faulted Zones, (Command 0)

## RF Keyfobs

The SOLUTION 40 control panel can be programmed with up to a maximum of 32 RF keyfobs. Each RF keyfob is assigned automatically to a PIN Code (eg. RF keyfob 1 will operate with the same authority level and area assignment as PIN Code 1). Only the security company can program the RF keyfobs. Each RF keyfob is supervised for low battery conditions. Figure 2 and Figure 3 below outlines each key function of the RF keyfobs.



Figure 2: Two Button RF Keyfob (RF3332E)

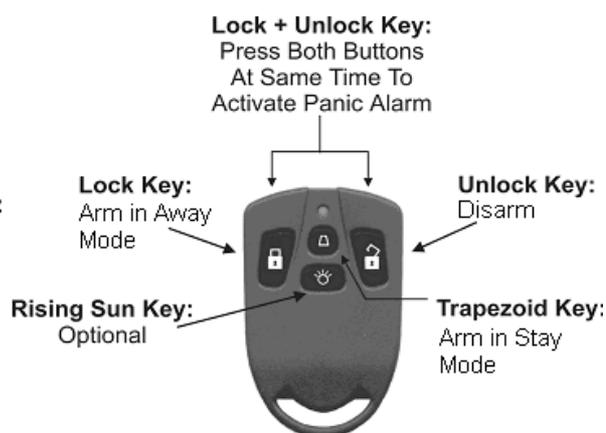


Figure 3: Four Button RF Keyfob (RF3334E)

## Silencing Alarms

When there is an alarm, the alarm tone sounds and the zone (or zones) in alarm are shown in the display. If you enter your PIN Code before the system dials your security company, the alarm report is cancelled.

1. The zone in alarm is shown on the display:

```
Alarm Zn 4
Living Room
```

```
Enter PIN to
silence alarm.
```

2. Enter your PIN Code to silence the alarm and disarm the system (if it was armed). If not, an alarm report is sent to your alarm company. To determine whether this alarm was reported, follow the procedure to View Alarm Memory. The display continues to show the zone (or zones) that caused the alarm:

```
Silenced alarms
listed below.
```

```
Alarm Zn 8
Motion Detector
```

```
Clear display of
Silenced alarms,
```

```
By holding the
Select key.
```

3. Press and hold the [Select] key to remove the alarm messages from the keypad display. Refer to page 37 for information on View Alarm Memory, (Command 40) to see which zones had caused the alarm.

## Disarming The System

You disarm your security system by entering your PIN Code. When the system is armed, you must enter through a designated entry door to prevent an alarm. Opening a designated door (For example, Front Door) will start entry time. During entry time, the keypad will emit a pulsing "beep" tone to remind you to disarm the system. Enter your PIN Code before the entry delay time expires to disarm the system .

If you enter through the wrong door or fail to disarm the system before the entry delay time expires, you may cause an alarm. If an alarm occurs, silence the alarm (by entering your PIN Code) and call your security company to let them know that it is not an emergency situation.

1. When the system is armed, the On indicator will display steady. If the system is armed in Away mode, the keypad display will show:

```
Solution 40
Away mode Armed
```

If the system is in Stay mode, the keypad display will show:

```
Solution 40
Stay mode Armed
```

1. Enter your PIN Code to disarm the system. The keypad will display the idle text as shown:

```
Solution 40
Ready to arm.
```

# Arming The System in Away mode, (Command 1)

I have this feature.

I do not have this feature.

Use this function to arm the entire system. Once you have pressed the [Away] key, exit time starts to count down. Your security company programs the length of exit delay time. Check with them to find out how much exit time your system has been programmed for.

In this example, exit delay is 45 seconds. You should leave before the exit time expires. Leaving after exit delay expires causes an alarm event.

1. Make sure that all zones are normal (not faulted).
2. Press the [Away] key.  
If a valid PIN Code is required, the keypad will prompt you to enter your PIN Code:

```
Please enter
your PIN.
```

3. Enter your PIN Code.  
If your PIN Code is valid and if all zones are normal, exit delay time begins. You should leave now. If your system has a faulted zone, you should return it to normal, or bypass the zones. Refer to page 27 for information on Bypassing Zones.

```
45 seconds to
armed in Away.
```

During exit delay, you may stop the system from arming by entering your PIN Code.

If you wish to, you may bypass zones by pressing the [Bypass] key. Refer to page 27 for more information on Bypassing Zones. The system prompts you through this procedure:

```
To bypass zones
press Bypass.
```

If you wish to, you can arm the system in Away mode with no entry delay by pressing the [No Delay] key.

```
For no delay
press No Delay.
```

If you wish to, you can turn the system on or arm the system in Stay mode by pressing the [Stay] key.

```
To arm in Stay
Mode press Stay.
```

4. When exit delay time expires, the keypad beeps three times and the system will be armed in Away mode.

```
Solution 40
Away mode Armed
```

5. To disarm the system enter your PIN Code.

## Arming The System in Stay mode, (Command 2)

- I have this feature.
- I do not have this feature.

Stay mode turns on only part of your system, leaving the rest of the system disarmed. Only the security company can program zones for Stay mode.

Once you've pressed the [Stay] key, exit delay time starts to count down. You should leave all zones that are active when the system is in Stay mode before exit delay time expires. Leaving active zones after exit delay expires causes an alarm event. Use Stay mode when you want part of your system armed.

1. Make sure that Part zones are normal (not faulted).
2. Press the [Stay] key.  
If all Part zones are normal, exit delay time will start. If your system has faulted zones, you should return them to normal, or bypass the zones. Refer to page 27 for information on Bypassing Zones. If a PIN Code is required, the keypad will prompt you to enter a valid PIN Code:

```
Please enter
your PIN.
```

3. Enter your PIN Code.  
If the PIN Code is valid, the keypad display will scroll the following.

```
45 seconds to
armed in Stay.
```

```
To bypass zones
Press Bypass.
```

```
For no delay
Press No Delay.
```

```
Press Away to
switch to
```

```
Away mode
```

```
18 seconds to
armed in Stay.
```

During exit delay, you may stop the system from arming by entering your PIN Code. If you wish, you can arm the system in Stay mode with no entry delay by pressing the [No Delay] key, or, you can bypass zones by pressing the [Bypass key]. You can switch from Stay mode to Away mode by pressing the [Away] key. The keypad display will prompt you through these procedures.

4. During the last 10 seconds of the exit delay timer, the keypad buzzer will sound two short beeps every second and the display warns that the time is expired. When exit time has expired, the keypad will display the system is in Stay mode.

```
Stay mode.
Armed now!
```

5. To disarm the system, enter your PIN Code.

## Arming The System in Stay Mode 2, (Command 3)

- I have this feature.
- I do not have this feature.

Stay Mode 2 turns on only part of your system, leaving the rest of the system disarmed. Refer to page 21 to Set Stay 2 Zones, (Command 65). Once you've pressed the [Select] key followed by the [3] key, exit delay time starts to count down. You should leave all zones that are active when the system is in Stay 2 Mode before exit delay time expires. Leaving active zones after exit delay expires causes an alarm event. Use Stay Mode 2 when you want part of your system armed.

1. Make sure that Part zones are normal (not faulted).
2. Press the [Select] [3] to arm the system in Stay 2 Mode.  
If a valid PIN Code is required, the keypad will prompt you to enter your PIN Code.

```
Please enter  
your PIN.
```

3. Enter your PIN Code.  
If your PIN Code is valid, the keypad display scrolls the following:

```
45 seconds to  
arm in Stay 2.
```

```
To bypass zones  
Press Bypass.
```

```
For no delay  
Press No Delay.
```

```
Press Away to  
switch to
```

```
Away mode
```

```
18 seconds to  
armed in Stay 2.
```

During exit delay, you may stop the system from arming by entering your PIN Code. If you wish, you can arm the system in Stay Mode 2 with no entry delay by pressing the [No Delay] key, or, you can bypass zones by pressing the [Bypass key]. You can switch from Stay 2 mode to Away mode by pressing the [Away] key. The keypad display will prompt you through these procedures.

4. During the last 10 seconds of the exit delay timer, the keypad buzzer will sound two short beeps every second and the display warns that the time is expired. When exit time has expired, the keypad will display the system is Stay.

```
Stay 2 mode.  
Armed now!
```

5. To disarm the system, enter your PIN Code.

## Set Stay 2 Zones, (Command 65)

- I have this feature.
- I do not have this feature.

This command allows you to program which zones are active each time you arm the system in Stay 2 mode. This allows you to arm part of the system on to detect intrusion, whilst the remaining part of the system allows you to move freely without sounding an alarm. Refer to page 20 for information on Arming The System in Stay Mode 2, (Command 3).

1. Make sure that the system is disarmed (On indicator is off).
2. Press [Select] [6] [5].  
If a valid PIN Code is required, the keypad will prompt you to enter your PIN Code:

```
Please enter
your PIN.
```

3. Enter your PIN Code.  
If your PIN Code is valid, the keypad display will scroll which zones can be programmed for Stay 2 mode:

```
Zn 2 Stay 2 No
Front Door
```

```
Press 2 * for
Zn 2 Stay 2 Yes
```

```
Zn 3 Stay 2 Yes
Hallway
```

```
Press 3 * for
Zn 3 Stay 2 No
```

```
To exit press
Command.
```

4. Enter the Zone Number (1 - 40) that you want to toggle 'Yes' or 'No' for Stay 2 mode followed by the [\*] key. Repeat this step until all zones have been toggled 'Yes' or 'No' for Stay 2 mode (Yes = Active, ready to detect intrusion / No = Non-Active, you can move freely without sounding an alarm).
5. Press the [Select] key to exit this command and return to the off display.

# Arming The System With No Entry Delay

I have this feature.

I do not have this feature.

Use this command to arm the system in Away mode or Stay mode without entry delay. Remember that arming the system with no delay, allows no entry delay time through the designated entry/exit delay zone (e.g. front door etc).

1. Make sure that all zones are normal (not faulted).
2. Press the [Away] key if you want to arm the system in Away mode. Press the [Stay] key if you want to arm the system in Stay mode. Press [Select][3] if you want to arm the system in Stay 2 mode. If a valid PIN Code is required, the keypad will prompt you to enter a valid PIN Code:

```
Please enter
your PIN.
```

3. Enter your PIN Code.

If your PIN Code is valid, the keypad display will show the following for arming the system in Away mode:

If all zones are normal, the display will show the following for Away:

```
30 seconds to
Away.
```

```
To bypass zones
press Bypass.
```

```
For no delay
press No Delay.
```

If all zones are normal, the display will show the following for Stay or Stay 2:

```
45 seconds to
Arm in Stay.
```

```
To bypass zones
press, Bypass.
```

```
For no delay
press No Delay.
```

4. To arm the system in (Away, Stay or Stay 2) modes with no entry delay, press the [No Delay] key.
5. When the system is in Away mode with no entry delay, the keypad will display the following:

```
Armed in  
Away mode
```

```
with No Delay
```

If the system is armed in Stay or Stay 2 mode with no entry delay, the keypad will display the following:

```
Armed in  
Stay mode
```

```
On with No Delay
```

6. To disarm the system, enter your PIN Code.

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## Arming The System With No Exit Tone (Silent Delay)

- I have this feature.
- I do not have this feature.

This feature allows you to arm the entire system in Away or Stay mode without exit tones and at the same time, double the exit delay time.

1. Make sure that all zones are normal (not faulted).
2. Press and hold the [Away] key if you want to arm the system in Away mode with no exit tone, press and hold the [Stay] or [2] key if you want to arm the system in Stay mode with no exit tone, or press and hold the [3] key if you want to arm the system in Stay 2 mode with no exit tone. If a valid PIN Code is required, the keypad will prompt you to enter a valid PIN Code:

```
Please enter
your PIN.
```

3. Enter your PIN Code.  
If your PIN Code is valid, the keypad display will show the following for Away mode:

```
60 seconds to
Away.
```

```
To bypass zones
press Bypass.
```

```
For no delay
press No Delay.
```

If all zones are normal, the display will show the following for Stay or Stay 2:

```
60 seconds to
Arm in Stay.
```

```
To bypass zones
press, Bypass.
```

```
For no delay
press No Delay.
```

4. To disarm the system, enter your PIN Code.

## Arming The System, With Zones Faulted (Force Arm)

I have this feature.

I do not have this feature.

The force arm feature is used to arm the system in Away or Stay mode with zones still faulted. Alternatively, if you try to arm your system and there is a faulted zone (door or window open), you can either close it or bypass it prior to arming the system. You can bypass a zone even if it is not faulted.

1. Press the [Away] or [Stay] keys to arm the system in Away or Stay mode.
2. If a zone is faulted, the keypad will display each faulted zone (in this example Zone 5), followed by instructions for bypassing the zone:

```
Zn 5 faulted,  
Zone Text
```

```
To Bypass Zn 5  
Press 5 *.
```

3. To force arm the system Away or Stay, press the [Away] or [Stay] key again. If the keypad prompts you to enter your code, enter your PIN Code.
4. The keypad will now display that you have forced armed the system.

```
Forced Armed!
```

5. The keypad will now scroll through the exit delay text options until the system arms in Away or Stay mode at the end of exit delay.

If a zone becomes faulted after exit delay has already started, the keypad will display the following:

```
Zn 5 faulted.  
Zone Text
```

## Viewing Faulted Zones, (Command 0)

I have this feature.

I do not have this feature.

To correctly arm your system, all doors and windows must be normal (not faulted condition). Use this feature to locate faulted zones.

1. Ensure that the system is disarmed (On indicator off).
2. Press the [Select] key. If zones are faulted, the keypad will display:

```
System OK.
```

```
Zones faulted.  
Press 0 to view.
```

3. Press [0] to view faulted zones. If the keypad prompts you to enter your code, enter your PIN Code. The keypad will scroll through all faulted zones:

```
Zn 2 faulted,  
Front Door
```

```
To bypass Zn 2  
Press 2 *.
```

```
Zn 7 faulted,  
Back Door
```

```
To bypass Zn 7  
Press 7 *.
```

4. Now that you know which zones are faulted, you can return them to normal. In this example, you would close the front door and the back door. Alternatively, you may choose to bypass the faulted zones.
5. When the faulted zones have been returned to normal or have been bypassed, the system is ready to be armed.
6. To exit this command, press [Select].

# Bypassing Zones

I have this feature.

I do not have this feature.

This command allows you to bypass one or more zones before arming the system in Away, Stay or Stay 2 mode. When a zone has been bypassed, access is allowed into that zone during the armed state without activating an alarm.

## Example

You may need to bypass a zone before arming the system when any detection device has become faulty and will cause a false alarm, or, when you need to leave a pet inside a particular room where a detection device will detect the pet moving around.

1. Ensure that the system is disarmed (On indicator is Off).
2. Press the [Bypass] key.  
If the keypad prompts you to enter your code, enter your PIN Code.
3. The keypad display will scroll all zones that can be bypassed:

```
Zn 1,
Smoke Detector
```

```
To bypass Zn 1
Press 1 *.
```

```
Zn 2,
Front Door
```

```
To bypass Zn 2
Press 2 *.
```

4. Enter the Zone Number (1 - 40) that you want to bypass followed by the [\*] key (For example, If you want to bypass Zone 10, enter [1] [0] [\*]). Repeat this step until all zones that need to be bypassed have been programmed.

If a zone is already programmed to be bypassed, the keypad will display:

```
Zn 3,
Hallway
```

```
To unbypass 3
Press 3 *.
```

If a zone is faulted, the keypad will display:

```
Zn 4 faulted,
Living Room
```

If you attempt to bypass a zone that is not designated as bypassable, the keypad will display:

```
Zn 4 can not
Be bypassed!
```

An error tone will sound from the keypad when you attempt to bypass a zone that has been programmed by your security company as non-bypassable.

5. Press the [Select] key to exit this function and return to the off display.

## Date and Time, (Command 45)

I have this feature.

I do not have this feature.

This command allows you to program the systems date and time.

1. Press [Select] [4] [5].  
If the keypad prompts you to enter your code, enter your PIN Code.
2. The keypad will display:

```
Please Enter  
Date And Time
```

```
DD/MM/YY HH:MM  
01/01/01 00:01
```

3. Enter the date and time using the (DD, MM, YY, HH, MM) format (i.e. DD = Day of the month, MM = Month of the year, YY = Current year, HH = Hour of the day, MM = Minute of the hour).

### Example

If you want to program the 11 June 2003, 08:35 pm for the date and time, you would enter [1] [1] [0] [6] [0] [3] for the date and [2] [0] [3] [5] for the time.

4. After you enter the date and time, the keypad displays the both the date and time you have programmed before returning the keypad to the off state. In this example, if you entered the 11 June 2003 for the date and 8:35 pm for the time, the keypad will display:

```
Current Date  
11/06/03
```

```
Current Time  
20:35
```

The keypad will automatically exit this command.

## Changing PIN Codes, (Command 55)

- I have this feature.
- I do not have this feature.

**The Command 55 prohibited by default, to enable Command 55 consult your installer.**

This command lets you change your own PIN Code. It is recommended that you write down your old PIN Code and the new one before you begin.

1. Make sure that your system is disarmed (On indicator is off).
2. Press [Select] [5] [5]. The OK tone sounds and the keypad will display:

```
Please enter  
old PIN.
```

3. Enter your current PIN Code. As you enter your PIN Code, the keypad will display:

```
Entering PIN  
***
```

4. If the PIN Code you've entered is valid, you will be prompted to enter your new PIN Code:

```
Please enter  
new PIN.
```

5. Enter a new PIN Code with the same number of digits as your old PIN Code. If the error tone sounds, try a different new PIN Code. As you enter your new PIN Code, the keypad will display:

```
Entering PIN  
***
```

6. If you've entered a valid new PIN Code, the keypad will prompt you to enter the new PIN Code again:

```
Please enter  
new PIN again.
```

7. Enter your new PIN Code again. As you enter your new PIN Code, the keypad will display:

```
Entering PIN  
***
```

8. The keypad will display the following to confirm that you have successfully changed your PIN Code.

```
PIN changed.
```

The keypad will automatically exit this command.

## Change Other PIN Codes, (Command 56)

I have this feature.

I do not have this feature.

This command allows those with the applicable authority level to change the PIN Code for each user in the system.

**Please note: To create or add a new PIN, areas must be assigned to the PIN first, then add the PIN number, then assign them an authority level.**

1. Make sure that the system is armed (On indicator is off).
2. Press [Select] [5] [6].  
If the keypad prompts you to enter your code, enter your PIN Code..
3. The keypad will scroll the following:

Press 1 to change  
PINs.

To change  
Authority Level,

press 2.

To change areas  
assigned press 3.

To exit, press  
Select

4. Press [1] to change PIN codes (refer to page 29 to continue) or  
Press [2] to change the PIN Code authority level (refer to page 32 to continue). or  
Press [3] to change the PIN Code area assignment (refer to page 33 to continue).

**Your security company should fill in the following:**

Authority Level 1 Include These Commands:

---



---

Authority Level 2 Include These Commands:

---



---

Authority Level 3 Include These Commands:

---



---

Authority Level 4 Include These Commands:

---



---

## Change Other PIN Codes

This page continues from Step 5 on page 30.

5. The keypad will scroll all PIN codes that are available to change:

```
To change PIN 1
press 1 *.
```

```
To change PIN 2
press 2 *.
```

```
To exit,
Press Select
```

6. Enter the PIN Code number (1 - 32) that you want to change followed by the [\*] key (eg. Press [2] [\*] to change PIN Code 2). The keypad will now prompt you to enter the new PIN Code.

```
Please enter new
PIN 2.
```

7. Enter the new PIN Code.  
If the error tone sounds, try a different new PIN Code. As you enter the new PIN Code, the keypad will display:

```
Entering PIN
***
```

8. If you've entered a valid new PIN Code, the keypad will prompt you to enter the new PIN Code again.

```
Please enter new
PIN 2 again.
```

9. Enter the new PIN Code again. As you enter the new PIN Code, the keypad will display:

```
Entering Code
***
```

10. The keypad will display the following to confirm the PIN Code change.

```
PIN 2 changed.
```

11. The keypad will return you back to Step 5. Press [Select] to exit or select another PIN Code to change.

## Change PIN Code Authority Level

This page continues from Step 5 on page 30.

**You cannot change your own PIN Code authority level.**

5. After you press 2 (See Step 4 on page 30), the keypad display will scroll:

To change level  
for PIN 3,

Press 3 \*.

To change level  
for PIN 4,

Press 4 \*.

To exit,  
press Select

6. Enter the PIN Code number (1 - 32) that you want to change the authority level for, followed by the [\*] key (eg. Press [3] [\*] to change the authority level for PIN Code 3). The keypad display will scroll the following:

PIN 3 level 2.  
Enter new level.

Level choices  
are 1 to 4,

To exit,  
press Select

7. Enter the new authority level (1 - 4).  
The keypad will display the following to confirm the PIN Code change and return you to Step 5.  
Authority levels are determined by your security company.

PIN 3 changed.

8. Pressing the [Select] key exits this command.

## Change PIN Code Area Assignment

This page continues from Step 5 on page 30.

**You cannot change your own PIN Code area assignment.**

5. After you press 3 (See Step 4 on page 30), the keypad display will scroll:

```
To change areas
for PIN 1,
```

```
Press 1 *.
```

```
To change level
for PIN 2,
```

```
Press 2 *.
```

```
To exit,
Press Select
```

6. Enter the PIN Code number (1 - 32) that you want to change the area assignment for, followed by the [\*] key (eg. Press [2] [\*] to change the authority level for PIN Code 2).

The keypad will display the following if the PIN Code is not assigned to any area:

```
PIN 2 Areas:
----
```

The keypad will display the following if the PIN Code is assigned to Area 1, Area 2, Area 3 and Area 4.

```
PIN 2 Areas:
1234
```

7. Enter the area number that you want to assign (or not assign) to the PIN Code. The corresponding area number will display (e.g. If you want to assign PIN Code 2 to Area 1, press [1], press [2] to assign the PIN Code to Area 2 etc).
8. Press the [Select] key to return to Step 5, press the [Select] key again to exit this command, otherwise, select another PIN Code to assign areas to.

## Delete PIN codes, (Command 58)

I have this feature.

I do not have this feature.

The command allows those users with the applicable authority level to delete other PIN codes. If you try to delete your own PIN code, the keypad will sound an error tone.

1. Make sure that the system is disarmed (On indicator is off).
2. Press [Select] [5] [8].  
If the keypad prompts you to enter your code, enter your PIN Code.
3. The keypad will scroll the following:

```
Delete PIN 1?  
Press 1 *.
```

```
Delete PIN 2?  
Press 2 *.
```

```
Press Select  
to exit
```

4. Enter the PIN Code number (1 - 32) that you want to delete followed by the [\*] key.  
(eg. Press [2] [\*] to delete PIN Code 2).

```
PIN 2  
deleted.
```

```
Press * to  
continue.
```

You cannot delete your own PIN Code. If you attempt to delete your own PIN Code, the keypad will display:

```
Cannot delete  
your own PIN.
```

5. Press the [\*] key to return to Step 3, otherwise, press [Select] to exit this command.

## Renew One-Time PIN codes, (Command 53)

- I have this feature.
- I do not have this feature.

One-Time PIN codes can only be used once to disarm the system. This feature allows those with the applicable authority level to renew One-Time PIN codes that have been used. Once renewed, the One-Time PIN Code will again be able to disarm the system only once.

1. Make sure that the system is disarmed (On indicator is off).
2. Press [Select] [5] [3].  
If the keypad prompts you to enter your code, enter your PIN Code.
3. The keypad will scroll the following:

```
To renew all
One-time PINs
```

```
press 0 *.
```

```
To renew PIN 5
press 5 *.
```

If no one-time PIN codes are programmed, or all one-time PIN codes have already been renewed, the keypad will display:

```
No One-Time
PINs to renew.
```

4. Press [0] [\*] key if you wish to renew all one-time PIN codes, alternatively, press the number of the user whose one-time code you wish to renew followed by the [\*] key (eg. If you want to renew PIN Code 5, press [5] [\*]).

If you renew all one-time PIN codes, the keypad will display:

```
All one-time
PINs renewed!
```

If you renew a single PIN Code (eg. PIN Code 5), the keypad will display:

```
One-time PIN 5
renewed.
```

5. The keypad will automatically exit this command.

## Checking System Troubles, (Command 4)

Your system emits a trouble tone and displays the System Trouble message to alert you to a system trouble event (eg Low Battery etc). Use this feature to learn what is causing the trouble and what steps to take to correct it.

1. The system may be armed or disarmed when a system trouble occurs. If the system is armed, turn it off. The keypad will display:

```
Trouble! to view  
Press Select 4
```

2. Press [Select] [4] key, alternatively, press and hold the [5] key to view check system troubles. The trouble tone will be silenced and the keypad will scroll through the list of troubles. Follow the keypad display instructions to see the trouble events.

```
Zone Trouble!  
Press 8 to view.
```

```
Alarm Memory!  
Press 0 to view.
```

```
Date/time lost!  
Press 5 to set.
```

```
System Trouble!  
Press 2 to view.
```

```
To Test System,  
press 1.
```

```
To Walk Test,  
press 4.
```

```
To reset,  
Press 7.
```

```
System OK!  
Press Select.
```

3. Pressing the [Select] key will exit this command.

### Note

The system will replace the display message 'To Test System, press 1.' with the display message 'System Test Due, Press 1.' when a weekly test of the system is due.

## View Alarm Memory, (Command 40)

I have this feature.

I do not have this feature.

After an alarm has been silenced and cleared from the display, you may still review the zones that had been in alarm.

1. Ensure that the system is disarmed (On indicator is off).
2. Press [Select] [4] [0].  
If the keypad prompts you to enter your code, enter your PIN Code.
3. The keypad will display all zones that are in alarm memory.  
In this example, the keypad displays that there was an alarm on Zone 5:

```
Alarm Zn 5  
Bedroom 1 Window
```

If you enter your PIN Code before the system reports to your alarm company, the keypad will display:

```
Abort Zn 8  
Bedroom 1 Window
```

When the last alarm has been shown, the keypad will display:

```
To clear memory,  
turn system On.
```

If no alarm memory is present, the keypad will display:

```
No alarms in  
system memory.
```

4. Arm the system again to clear alarm memory.

## View System Trouble, (Command 42)

I have this feature.

I do not have this feature.

This command allows you to view system trouble. A system trouble condition may include that the system is running only on the backup battery, communications trouble, or it is time for the system to be serviced by your security company.

1. Ensure that the system is disarmed (On indicator is off).
2. Press [Select] [4] [2].  
If the keypad prompts you to enter your code, enter your PIN Code.
3. The keypad will display all system trouble events (if any) one at a time.

If AC power has disappeared for very short period of time less than 510sec, Power LED will be flashing until AC power comes back. For any period of time greater than 510sec the keypad will display:

```
System running  
on battery only.
```

When AC power comes back this message will stay on for another 2min.

If the system detects that the telephone line is missing, or there is no dial tone, the keypad will display:

```
Line 1 trouble.  
Check dial tone.
```

If the system fails to communicate with the security company, the keypad will display:

```
Comm Failure  
destination 1
```

If the system is programmed to be serviced by your security company at the service interval, (or a trouble condition that requires the security company to attend), the keypad will display:

```
Call for service
```

If there are no system troubles, the keypad will display:

```
There are no  
system troubles!
```

4. Press the [Select] key to exit this command.

## View Zone Trouble, (Command 48)

I have this feature.

I do not have this feature.

This command allows you to view which zone (if any) is in trouble.

1. Ensure that the system is disarmed (On indicator is off).
2. Press [Select] [4] [8].  
If the keypad prompts you to enter your code, enter your PIN Code.
3. The keypad will display all zones that are in trouble (if any) one at a time:

In this example, the keypad will display that Zone 5 is in trouble:

```
Trouble Zn 5
Bedroom 1 Window
```

If a fire zone is in trouble (eg. Zone 1), the keypad will display:

```
Fire Trble Zn 1
Kitchen
```

If a wireless zone is missing (eg. Zone 40), the keypad will display:

```
No signal Zn 40
Hallway
```

If a wireless zone has registered a low battery (eg. Zone 40), the keypad will display:

```
Low Battery, Zn40
Hallway
```

If the tamper circuit of a zone has activated (eg. Zone 40), the keypad will display:

```
Tamper, Zn 40
Hallway
```

If a zone (eg. Zone 40) has not registered as faulted during the disarmed state for a period of time programmed by your security company (eg. Zone 40), the system will register the zone as failed and the keypad will display:

```
Sensor trouble,
Zone text
```

```
Zn 40
Zone text
```

Make sure that no objects are blocking the zone, when it registers as a sensor trouble.

If no zones are in trouble, the keypad will display:

```
There are no
zone troubles.
```

4. Press the [Select] key to exit this command. Arm the system and disarm again to clear alarm memory.

## System Test, (Command 41)

I have this feature.

I do not have this feature.

This command allows you to ensure that your system is operating correctly by testing the system's siren, strobe, battery and telephone line. Only those programmed by your security company will be tested (e.g. Your system may only be programmed to test the back-up battery and the siren output).

You may test the telephone line connection if you press and hold the [9] key to force the control panel to send a 'Test' report. Depending on the authority level, a PIN code may be required.

If any of these components fails to test, contact your security company for assistance. Be sure to contact your security company before you begin the system test.

1. Make sure that the system is disarmed (On indicator is off).
2. Press [Select] [4] [1], alternatively, press and hold the [1] key to test the system. If the keypad prompts you to enter your code, enter your PIN Code.
3. The system will start the test. The siren output is first tested. The siren sound for approximately 2 - 3 seconds. The keypad will display:

```
Testing siren.
```

The strobe is next to be tested. This test will automatically reset after 20 minutes, however, you can press the [\*] key to toggle onto the next system test, or press the [Select] key to end the system test.

```
Testing strobe.  
press * to end
```

The back-up battery will now be tested. This test may take up to 4 minutes.

```
Testing battery  
may take 4 min.
```

If the battery passes the test, the keypad will display:

```
Battery test  
passed.
```

If the battery fails the test, the keypad will display:

```
Battery test  
failed!
```

```
Please call for  
service.
```

Finally, the communication via the telephone line is tested. This test may take up to 10 minutes:

Testing phone.  
may take 10 min.

If the phone line passes the test, the keypad will display:

Phone test  
passed.

If the phone line fails the test, the keypad will display:

Phone test  
failed!

Please check for  
dial tone.

4. When the test is complete, the system returns to the disarmed state.

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## Walk Test, (Command 44)

I have this feature.

I do not have this feature.

This command allows you to test detection devices connected to your system. Walk test should be carried out on a weekly basis.

1. Make sure that the system is disarmed (On indicator is off).
2. Press [Select] [4] [4].  
If the keypad prompts you to enter your code, enter your PIN Code.
3. The system will start the walk test.

```
Walk Test
Started
```

The keypad display will scroll all zones that are allowed to be tested one at a time. To successfully test each zone, you will need to fault the corresponding detection device (eg. reed switch or PIR etc).

```
Zn 2 Untested
Front Door
```

```
Zn3 Untested
Hallway
```

```
Zn4 Untested
Living Room
```

```
To stop test
Press Select.
```

As each zone has been tested, the keypad display will scroll:

```
Zn2 tested OK
Front Door
```

```
Zn3 tested OK
Hallway
```

If a zone that is being tested has a trouble condition, the keypad display will scroll:

```
Zn2 trouble
Front Door
```

4. To exit walk test, press the [Select] key. The keypad will display the following before returning to the off display.

```
Walk Test
stopped
```

### Note

If you fail to exit this command, the system will automatically terminate the test after 20 minutes. To warn you that walk test is still active, the keypad will sound (beep) the keypad buzzer during the last 5 minutes before it automatically terminates walk test.

## Resetting The System, (Command 47)

I have this feature.

I do not have this feature.

This command will allow you to reset the system (including fire zones) after an alarm. Detection devices, such as smoke detectors and shock sensors, must be reset after being activated. Resetting the system takes about 20 seconds.

If zones do not reset, contact your alarm company for help.

1. Ensure that your system is disarmed (On indicator is off).
2. Press [Select] [4] [7], alternatively, press and hold the [7] key to reset the system. If the keypad prompts you to enter your code, enter your PIN Code.
3. The system will now reset smoke detectors, outputs and call for service displays that reference to Command 47. The keypad will display:

Resetting...

After the system has reset, the system will automatically terminate this command.

## Turn Chime On/Off, (Command 61)

I have this feature.

I do not have this feature.

Chime mode allows you to monitor zones when the system is disarmed (e.g. You can monitor a front door of a shop. When you are in the back room, a keypad or output can sound and alert you when someone enters through the front door).

This command allows you to turn Chime mode on and off. (Refer to Selecting Chime Tone, (Command 62) on page 45 and Selecting Chime Zones, (Command 63) on page 46), you need to turn Chime on and off.

1. Ensure that your system is disarmed (On indicator is off).
2. Press [Select] [6] [1], alternatively, press and hold the [4] key to toggle chime mode on or off. If the keypad prompts you to enter your code, enter your PIN Code.
3. If Chime mode is turned on, the keypad will display:

```
Chime is On, to  
turn off,press 2
```

```
To exit,  
press Select.
```

If Chime mode is turned off, the keypad will display:

```
Chime is Off, to  
turn On, press 1
```

```
To exit,  
press Select.
```

4. Follow the above and press [2] to turn Chime mode off, or press [1] to turn Chime mode on.
5. Press the [Select] key to exit this command.

## Selecting Chime Tone, (Command 62)

I have this feature.

I do not have this feature.

This feature gives you the ability to "Chime" zones when the system is disarmed. This means that the system can be programmed to alert you to opened doors and windows. For example, parents with small children may want a tone to sound whenever a door or window is opened as a way of monitoring the whereabouts of the children.

Use this command to set the type of response your system produces when a Chime zone is faulted. If you wish, you may tell your system to display the identity of the zone and sound a short tone whenever Chime door or window is opened. Refer to page 46 to program zones that are to be "Chimed".

1. Ensure that your system is disarmed (On indicator is off).
2. Press [Select] [6] [2].  
If the keypad prompts you to enter your code, enter your PIN Code.
3. The keypad will display the current Chime tone selected. In this example, the current Chime tone setting is Short Beep:

```
Chime tone is
Short Beep.
```

4. Select the type of Chime tone you want by pressing the corresponding digit (1 - 4).

```
Press 1 for
Off.
```

```
Press 2 for
Short Beep.
```

```
Press 3 for
Beep till Key.
```

```
Press 4 for
Beep till closed
```

```
To exit,
press Select.
```

5. After making your selection (for example, Option 3), the display confirms the choice you've made before returning to the off state:

```
Chime Tone is
Beep till Key.
```

Chime Tone	Description
<b>Off</b>	Display zone identity, but sound no tone when zones are faulted.
<b>Short Beep</b>	Display zone identity and sound a short tone when zones are faulted.
<b>Beep Till Key</b>	Display zone identity and sound a tone until the [Select] key is pressed.
<b>Beep Till Closed</b>	Display zone identity and sound a tone until the zone is returned to normal (Door or window is closed). Pressing the [Select] key will also silence the tone.

**Table 2: Chime Tone Beep Descriptions**

6. Press the [Select] key to exit this command.

## Selecting Chime Zones, (Command 63)

- I have this feature.
- I do not have this feature.

This command allows you to program which zones are to be 'Chimed' when Chime mode is turned on via Command 61 on page 44. To set the Chime tone, refer to Selecting Chime Tone, (Command 62) on page 45. You cannot program 24 hour and 24-hour fire zones for Chime mode.

Choosing which zones to chime depends upon your security objective. If you have small children, you may choose to chime zones of entry and exit. Each time a Chime zone is faulted (door or window is opened), the keypad responds as programmed. For example, you may tell your system to produce a short beep when a Chime zone is faulted.

1. Ensure that your system is disarmed (On indicator is off).
2. Press [Select] [6] [3].  
If the keypad prompts you to enter your code, enter your PIN Code.
3. The keypad will display all zones that are currently being Chimed (Chime On) and those that are not (Chime Off), followed by instructions for changing the current setting. The example below shows that Chime is Off for Zone 2.

```
Turn Chime off
for all zones by
```

```
pressing 0 *
```

```
Zn 2 Chime Off
Front Door
```

```
Press 2 * to
Turn Zn 2 On
```

```
Zn 7 Chime On
Back Door
```

```
Press 7 * to
Turn Zn 7 Off
```

```
To exit,
press Select.
```

4. Follow the instructions to change the current setting. In this case, to program Zone 2 a Chime zone, you would press [2] [\*]. The keypad display confirms your choice:

```
Zn 2 Chime On
Front Door
```

The display continues to scroll the remaining zones. You may continue to program as many Chime zones as are available.

5. When you are finished, press the [Select] key exit this command.

## Extend Auto On Time, (Command 51)

I have this feature.

I do not have this feature.

This command allows you to delay the auto-on time (automatic arming time) by one hour when you enter this command during the auto-on pre-alert time. The auto-on pre-alert time sounds the keypad buzzer to warn you that the system will automatically arm in Away, Stay or Stay 2 mode.

1. Make sure that the system is disarmed (On indicator is off).
2. Press [Select] [5] [1].  
If the keypad prompts you to enter your code, enter your PIN Code.
3. The keypad display will scroll the new time the system is going to arm the system.

```
Auto-On Time  
moved to:15:59
```

```
To exit,  
press Select.
```

4. Press [Select] to exit this command.

The system will revert back to the normal auto-on time the next time the system automatically arms in Away, Stay or Stay 2 mode.

## Change Skeds, (Command 52)

I have this feature.

I do not have this feature.

This command allows you to change the time and the days of the week that the sked will automatically turn arm the system in Away, Stay, or Stay 2 mode, disarm the system, or operate an output programmed by your security company. An output can be programmed by your security company to switch 'On' or 'Off' a pool pump or lighting etc. The minimum time before the skeds could be set up is defined by a parameter called: "Auto-Arming Pre-Alert Time", programmed in the address 233. Always check the default value before activating the skeds.

1. Make sure that the system is disarmed (On indicator is off).
2. Press [Select] [5] [2].  
If the keypad prompts you to enter your code, enter your PIN Code.
3. If your PIN Code is valid, the keypad display will scroll all available options:

To change Away  
Skeds, press 1.

To change Stay  
Skeds, press 2

To change Stay 2  
On Skeds press 3

To change Off  
Skeds, press 4.

To change Output  
On Skeds press 5

To change Output  
Off skeds,

press 6.

4. Press the key (1 - 6) that corresponds to the sked type that you want to change or program.

Press [1] if you want to program the Away Skeds on page 49.

Press [2] if you want to program the Stay Skeds on page 50.

Press [3] if you want to program the Stay 2 Skeds on page 51.

Press [4] if you want to program the Off Skeds on page 52.

Press [5] if you want to program the Output On Skeds on page 53.

Press [6] if you want to program the Output Off Skeds on page 54.

## Away Skeds

Refer to Change Skeds, (Command 52) on page 48 for Steps 1 - 4.

5. The keypad display will scroll all skeds that have been programmed to arm the system in Away mode.

```
Sk1, Ar1 Auto-On
Time 18:00
```

```
Sk1, Ar1 12345678
days      MTWTF
```

```
To change Sked 1
Press 1 *
```

```
Sk2, Ar1 Auto-On
Time 13:00
```

```
Sk2, Ar1 12345678
days:    S      S
```

```
To change Sked 2
Press 2 *
```

6. Enter the sked number that you want to change followed by the [\*] key.  
(eg. If you want to change Sked 1, you would press [1] [\*]).
7. Enter the time that you want to automatically arm the system in Away mode (HH:MM).  
(eg. If you want to change Sked 1 from 18:00 hours to 18:35 hours, you would enter [1] [8] [3] [5]).

```
Sk1, Ar1 Auto-On
Time 22:35
```

8. Enter the days that you want to automatically arm the system in Away mode (Sunday = 1, Saturday = 7 and every day = 8). In this example, if you want to automatically arm the system in Away mode for Monday, Tuesday, Wednesday, Thursday and Friday, you would press keys [2] [3] [4] [5] [6].

```
Sk1, Ar1 12345678
days:    MTWTF
```

### Note

If the option for all days is selected (8 = A (Everyday), you must first disabled the all day selection by pressing [8]. Then you can select the desired day by selecting the corresponding number assigned to that day.

9. Press the [Select] key to exit.

## Stay Skeds

Refer to Change Skeds, (Command 52) on page 48 for Steps 1 - 4.

5. The keypad display will scroll all skeds that have been programmed to arm the system in Stay mode.

```
Sk3, Ar1 Stay
Time 20:00
```

```
Sk3, Ar1 12345678
days: SMTWTFSA
```

```
To Change Sked 3
press 3 *
```

6. Enter the sked number that you want to change followed by the [\*] key.  
(e.g. If you want to change Sked 3, you would press [3] [\*]).
7. Enter the time that you want to automatically arm the system in Stay mode (HH:MM).  
In this example, if you want to program the sked 3 to automatically arm the system in Stay mode at 5:00 pm, you would press [1] [7] [0] [0].

```
Sk3, Ar1 Stay
Time 17:00
```

8. Enter the days that you want to automatically turn on the system or arm the system in Stay mode  
(Sunday = 1, Saturday = 7 and every day = 8). In this example, if you want to automatically arm the system in Stay mode for Sunday and Saturday, you would press keys [1] and [7].

```
Sk3 Ar1 12345678
days: S S
```

### Note

If the option for all days is selected (8 = A (Everyday)), you must first disabled the all day selection by pressing [8]. Then you can select the desired day by selecting the corresponding number assigned to that day.

9. Press the [Select] key to exit.

## Stay 2 Skeds

Refer to Change Skeds, (Command 52) on page 48 for Steps 1 - 4.

5. The keypad display will scroll all skeds that have been programmed to arm the system in Stay 2 mode.

```
Sk4, Ar2 Stay 2
On, time 20:00
```

```
Sk4 Ar2 12345678
days: -----
```

```
To Change Sked 4
press 4 *
```

6. Enter the sked number that you want to change followed by the [\*] key.  
(e.g. If you want to change Sked 4, you would press [4] [\*]).
7. Enter the time that you want to automatically arm the system in Stay 2 mode (HH:MM).  
In this example, if you want to program the sked 4 to automatically arm the system in Stay 2 mode at 5:00 pm, you would press [1] [7] [0] [0].

```
Sk4, Ar2 Stay 2
On, time 17:00
```

8. Enter the days that you want to automatically arm Area 2 in Stay 2 mode (Sunday = 1, Saturday = 7 and every day = 8). In this example, if you want to automatically arm Area 2 in Stay 2 mode every day, you would press [8].

```
Sk4 Ar2 12345678
days: SMTWTFSA
```

### Note

If the option for all days is selected (8 = A (Everyday), you must first disabled the all day selection by pressing [8]. Then you can select the desired day by selecting the corresponding number assigned to that day.

9. Press the [Select] key to exit.

## Off Skeds

Refer to Change Skeds, (Command 52) on page 48 for Steps 1 - 4.

5. The keypad display will scroll all skeds that have been programmed to disarm the system.

```
Sk5, Ar3 Disarm
Time 00:00
```

```
Sk5 Ar3 12345678
days:  -----
```

```
To change Sked5
press 5 *
```

6. Enter the sked number that you want to change followed by the [\*] key.  
(eg. If you want to change Sked 5, you would press [5] [\*]).
7. Enter the time that you want to automatically disarm the system (HH:MM).  
In this example, if you want to program the Sked 5 to automatically disarm the system at 7:00 am, you would press [0] [7] [0] [0].

```
Sk5, Ar3 Disarm
Time 07:00
```

8. Enter the days that you want to automatically disarm the area (Sunday = 1, Saturday = 7 and every day = 8). In this example, if you want to automatically turn the system off or disarm Area 3 off every Monday, Tuesday, Wednesday, Thursday and Friday, you would press keys [2] [3] [4] [5] and [6].

```
Sk1 Ar3 12345678
days:  MTWTF
```

### Note

If the option for all days is selected (8 = A (Everyday), you must first disabled the all day selection by pressing [8]. Then you can select the desired day by selecting the corresponding number assigned to that day.

9. Press the [Select] key to exit.

## Output On Skeds

Refer to Change Skeds, (Command 52) on page 48 for Steps 1 - 4.

5. The keypad display will scroll all skeds that have been programmed to turn outputs on.

```
Sk6 Ar1 Output 01
Time 00:00
```

```
Sk6 Ar1 12345678
days:  -----
```

```
To change Sked 6
press 6 *
```

6. Enter the sked number that you want to change followed by the [\*] key. (eg. If you want to change Sked 6, you would press [6] [\*]).
7. Enter the time that you want to automatically turn the output on (HH:MM). In this example, if you want to program the Sked 6 to automatically turn the output on at 06:45 am, you would press [0] [6] [4] [5].

```
Sk6, Ar1 Output 1
Time 06:45
```

8. Enter the days that you want to automatically turn the output on (Sunday = 1, Saturday = 7 and every day = 8). In this example, if you want to automatically turn Output 1 on every Saturday and Sunday, you would press keys [1] and [7].

```
Sk6 Ar1 12345678
days:  S      S
```

### Note

If the option for all days is selected (8 = A (Everyday), you must first disabled the all day selection by pressing [8]. Then you can select the desired day by selecting the corresponding number assigned to that day.

9. Press the [Select] key to exit.

## Output Off Skeds

Refer to Change Skeds, (Command 52) on page 48 for Steps 1 - 4.

5. The keypad display will scroll all skeds that have been programmed to turn outputs off.

```
Sk7 Ar1 Output 02
Time 00:00
```

```
Sk7 Ar1 12345678
days: -----
```

```
To change Sked 7
press 7 *
```

6. Enter the sked number that you want to change followed by the [\*] key.  
(eg. If you want to change Sked 7, you would press [7] [\*]).
7. Enter the time that you want to automatically turn the output off (HH:MM).  
In this example, if you want to program the Sked 7 to automatically turn the output off at 06:45 pm, you would press [1] [8] [4] [5].

```
Sk7, Ar1 Output 2
Time 18:45
```

8. Enter the days that you want to automatically turn the output off (Sunday = 1, Saturday = 7 and every day = 8). In this example, if you want to automatically turn output on every Saturday and Sunday, you would press keys [1] and [7].

```
Sk1 Ar1 12345678
days: S S
```

### Note

If the option for all days is selected (8 = A (Everyday)), you must first disabled the all day selection by pressing [8]. Then you can select the desired day by selecting the corresponding number assigned to that day.

9. Press the [Select] key to exit.

## Toggle Outputs On/Off (Command 54)

I have this feature.

I do not have this feature.

This command allows you to turn outputs that have been programmed by your security company on or off. These outputs can control outside lighting, pool pumps, watering systems etc.

1. Ensure that the system is disarmed (On indicator is off).
2. Press [Select] [5] [4].  
If the keypad prompts you to enter your code, enter your PIN Code.
3. The keypad display will scroll:

```
Turn all Outputs  
off Press 0 *
```

```
Output 1 is  
On,
```

```
to turn Off,  
press 1 *.
```

4. Press [0] [\*] if you want to turn all outputs off, or, alternatively, press the output number (1 - 20) that you want to turn off followed by the [\*] key.

For example, if you want to turn Output 1 off, you would press [1] [\*]. The keypad would display:

```
Output 1 is  
Off,
```

```
to turn On press  
1 *
```

5. Press the [Select] key to return the keypad to the off state.

## Remote Program, (Command 43)

I have this feature.

I do not have this feature.

This command will force the control panel to connect to your security company's remote PC computer for programming alterations via the telephone line. Only use this command when your security company instructs you to.

1. Ensure that the system is disarmed (On indicator Off).
2. Press [Select] [4] [3].  
If the keypad prompts you to enter your code, enter your PIN Code.
3. The keypad will display:

```
Remote program  
in progress.
```

If your system is busy and cannot call your security company's remote PC computer, the keypad will display:

```
System busy.  
try again later.
```

4. The keypad will return to the off display.

## Disarm All Areas, (Command 81)

I have this feature.

I do not have this feature.

This command allows you to disarm all areas at the same time when the system has been partitioned into two or more individual areas. A maximum of four areas can be programmed by your security company.

1. Press [Select] [8] [1].  
If the keypad prompts you to enter your code, enter your PIN Code.
2. The keypad will display:

All Areas Disarmed
-----------------------

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## Arm All Areas, (Command 80)

I have this feature.

I do not have this feature.

This command allows you to arm all areas at the same time when the system has been partitioned into two or more individual areas. Your security company can program a maximum of four areas.

1. Press [Select] [8] [0].  
If the keypad prompts you to enter your code, enter your PIN Code.

2. The keypad will display:

```
All Areas Armed
Exit Now!
```

The keypad will now scroll through the exit delay response

If there is an alarm when you try to arm all areas in Away mode, the keypad display will scroll:

```
Alarm Area 1!
Smiths Residence
```

```
All Areas On,
```

```
Command 80
Denied!
```

If there is an area that has a faulted zone (s) when you try to arm all areas in Away mode, the keypad will scroll:

```
Area 2 not ready
Smiths Residence
```

```
Area 4 not ready
Smiths Residence
```

```
To force area on
hold Away key.
```

```
To stop,
press Select.
```

If you press and hold down the [Away] key for 2 seconds, it will force all areas to be armed in Away mode.

```
All Areas Away
Exit Now!
```

The keypad will now display all areas that have been forced on, one at a time before scrolling the exit delay response.

```
Ar2 Forced On
Smiths Residence
```

```
Ar4 Forced On
Smiths Residence
```

## Move To Area, (Command 50)

I have this feature.

I do not have this feature.

This command allows you to operate multiple areas from the same keypad when the system has been partitioned into more than one area. Before operating another area, you will need to move the keypad to the area that you want to operate.

1. Press [Select] [5] [0].  
If the keypad prompts you to enter your code, enter your PIN Code.
2. The keypad will scroll through all available areas (1 - 4) that you can move to. In this example, you are at Area 1 keypad which prompts you to press [2] to go to Area 2 or to press [3] to go to Area 3:

```
To go to Area 2
Sales Office
```

```
press 2.
```

```
To go to Area 3
Warehouse
```

```
press 3.
```

```
To exit,
press Select
```

3. Press the area number (1 – 4) that you want to move to, alternatively, press [Select] to exit.
4. The keypad will display the following in this example if you pressed [2].

```
You have moved
to Area 2
```

```
Sales Office
```

5. If you have already moved the keypad to another area when you enter [Select] [5] [0], the keypad will display:

```
To return home
to Area 1
```

```
Lobby Area
press 1
```

To go to Area 3  
Warehouse

press 3.

To exit,  
press Select

6. In the example above, press [1] to return the keypad to the home area allocation (Area 1), or alternatively press [3] to move to Area 3.
7. In the example above, if you pressed [1] to return the keypad to the home area allocation, the keypad will display the following:

You returned to  
home Area 1

Lobby Area

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## Auto-Forward On Setup, (Command 83)

- I have this feature.
- I do not have this feature.

This feature allows you to program the auto-forward on sequence that will redirect all incoming calls to a telephone number of your choice when you arm the system in Away mode.

1. Press [Select] [8] [3].  
If the keypad prompts you to enter your code, enter your PIN Code.
2. The keypad display will scroll:

Auto-forward On  
setup mode.

Enter digits for  
Auto-Forward On

For 'pause' (P),  
press Away.

For 'flash' (F)  
press Stay.

A and C keys  
move cursor

To delete digit,  
press B key.

To view and edit  
press Bypass

To stop edit,  
press Bypass

To exit,  
press Select.

3. Enter the auto-forward off sequence required to redirect all incoming calls.
4. Press and hold the [Select] key to exit this command.

Key	Digit / Function	Key	Digit / Function	Key	Digit / Function
1	1	6	6	Away	4 Second Pause
2	2	7	7	Stay	Flash
3	3	8	8	A-Key	Cursor Left
4	4	9	9	B-Key	Delete
5	5	0	0	C-Key	Cursor Right
*	*	Select	#		

**Table 3: Command 84 - Auto-Forward Function Keys**

## Auto-Forward Off Setup, (Command 84)

I have this feature.

I do not have this feature.

This feature allows you to program the auto-forward off sequence that will cancel the redirecting of all incoming calls to another telephone number of your choice when you disarm the system.

1. Press [Select] [8] [4].  
If the keypad prompts you to enter your code, enter your PIN Code.
2. The keypad display will scroll:

Auto-Forward Off  
setup mode.

Enter digits for  
Auto-Forward Off

For 'pause' (P),  
press Away.

For 'flash' (F)  
press Stay.

A and C keys  
move cursor.

To delete digit,  
press B key.

To view and edit  
press Bypass

To stop edit,  
press Bypass

To exit,  
press Select.

3. Enter the auto-forward off sequence to cancel call forwarding when you disarm your system.
4. Press and hold the [Select] key to exit this command.

Key	Digit / Function	Key	Digit / Function	Key	Digit / Function
1	1	6	6	Away	4 Second Pause
2	2	7	7	Stay	Flash
3	3	8	8	A-Key	Cursor Left
4	4	9	9	B-Key	Delete
5	5	0	0	C-Key	Cursor Right
*	*	Select	#		

Table 4: Command 84 - Auto-Forward Function Keys

## Auto-Forward On/Off, (Command 82)

I have this feature.

I do not have this feature.

This feature allows you to turn on or off the auto-forward feature as necessary. The auto-forward On sequence forwards all incoming calls to the telephone number of your choice when you arm the system in Away mode. The auto-forward off sequence cancels the forwarding of incoming calls to the telephone number of your choice when you disarm the system.

1. Press [Select] [8] [2].  
If the keypad prompts you to enter your code, enter your PIN Code.
2. The keypad display will scroll:

```
Auto-Forward
is On.
```

```
press 2 to turn
Auto-forward off
```

```
To exit,
press Select.
```

If the auto-forward is already off, the keypad display will scroll:

```
Auto-Forward
is off.
```

```
Press 1 to turn
Auto-Forward On
```

```
To exit,
press Select.
```

3. Press [2] to toggle auto-forward on, or, press [1] to toggle auto-forward off.
4. Press the [Select] key to exit this command.

## Adjust Keypad Volume (Command 49)

I have this feature.

I do not have this feature.

This feature allows you to adjust the keypad's keystrokes volume.

1. Press [Select] [4] [9], alternatively, press and hold the [8] key.  
If the keypad prompts you to enter your code, enter your PIN Code.
2. The keypad display will scroll:

```
To set volume,  
while holding *,
```

```
press 1 (louder)  
or 4 (softer)
```

```
Press Select  
to exit.
```

3. To change the volume of the keypad buzzer, press and hold the [Select] key, at the same time, press the [1] key to increase the buzzer tone, or press [4] to decrease the buzzer tone.
4. Press the [Select] key to exit this command.

## View Log, (Command 85)

I have this feature.

I do not have this feature.

This feature allows you to display the last 254 system events that have occurred in the history log. It will include alarm events, arming the system in Away, Stay and Stay 2 mode and turning the system off etc.

As you press the [\*] key to step history events, you will notice that the events will step backwards in time (i.e. most recent to least recent).

Each event will toggle between two different displays. The first display will show the event description on the top line. The second line will display the area, the zone number (or user number) and communication information. The second display will again show the event description on the top line, followed by the time and date the event occurred on the bottom line.

1. Press [Select] [8] [5].  
If the keypad prompts you to enter your code, enter your PIN Code.
2. The keypad display will show the last event recorded in the history log (most recent).

```
Rstr1,Cntrl,Dly
A1 Zn2          SL
```

```
Rstr1,Cntrl,Dly
02:52 10/08/01
```

3. Press the [\*] key to display the next event recorded in the history log.

```
Cancel Alarm
A1          U1    SL
```

```
Cancel Alarm
02:51 10/08/01
```

4. Press the [\*] key to display the next event recorded in the history log.
5. Press the [Select] key to exit this command.

Display	Description
<b>A#</b>	Area Number
<b>Pt##</b>	Zone Number
<b>Dv###</b>	Device Number
<b>Ln##</b>	Telephone Line Number
<b>Mn#</b>	Minutes Until Auto Arm Sked
<b>U##</b>	User Number
<b>##</b>	Communication Status For Routing Destination 1 and 2
<b>- (Dash)</b>	Destination Not Used / Disabled
<b>A</b>	Aborted Report
<b>D</b>	Deleted Report From Pending Buffer By Panel Reset
<b>F</b>	Failed Report
<b>L</b>	Local Report (Log Only)
<b>P</b>	Pending Report
<b>S</b>	Sent Report (Reported OK)

**Table 5: Command 85 - History Log Definitions/Descriptions**

Equ #	System Log Display / Printer Report	Description
01	AC Fail	AC power to control panel is failed
02	AC Restore	AC power to the control panel has restored
03	Alarm, Tamper	Alarm from detection device has been tampered with
04	Alarm, Emergency	Alarm from emergency detection device, or ABC key programmed emergency response
05	Alarm, Panic	Alarm from panic/emergency detection device
06	Alarm, Invisible	Alarm from emergency detection device that does not display on keypad
07	Alarm, 24-hr Burg	Alarm from burglary detection devices that are on 24-hours a day
08	Alarm, Cntrl, Dly	Alarm from detection devices that are programmed with entry and exit delay time
09	Alarm, Cntrl	Alarm from detection devices such as PIR's that do not follow any entry or exit times
10	Cross, Tamper	Tamper alarm from detection devices with cross zone option programmed
11	Cross, Emergency	Emergency alarm from detection devices with cross zone option programmed
12	Cross, Panic	Panic alarm from detection devices with cross zone option programmed
13	Cross, Invisible	Invisible panic alarm from detection devices with cross zone option programmed
14	Cross, 24hr Burg	24-hour burglary alarm from detection devices with cross zone option programmed
15	Cross, Cntrl, Dly	Alarm from entry/exit detection devices with cross zone option programmed
16	Cross, Cntrl	Alarm from keyswitch, follower or instant detection devices with cross zone option programmed
17	Cross, Unverified	An unverified fault on one detection device with cross zone option programmed.
18	Alarm Exit Error	Entry/Exit delay zone still faulted at end of exit delay time
19	Alrm Recent Clse	Alarm event within two minutes at end of exit delay time (entry/exit delay zone)
20	Alrm Recent Clse	Alarm event within two minutes at end of exit delay time (burglary zone)
21	Auto On Extended	User delayed sked to auto arm by one hour
22	Battery Low	Backup battery supply voltage is low
23	Battery Missing	Backup battery supply is missing
24	Rstrl Batt Low	Backup battery supply has restored from low voltage
25	Rstrl Bat Missng	Backup battery supply has restored from missing
26	Bypass,Fire,User	User bypassed fire detection device
27	Bypass,Fire, RPS	RPS software bypassed fire detection device
28	Bypass,Ctrl,User	User bypassed controlled detection device
29	Bypass,Ctrl, RPS	RPS software bypassed controlled detection device
30	Bypass,24hr,User	User bypassed 24-hour non fire detection device
31	Bypass,24hr, RPS	RPS software bypassed 24-hour non fire detection device
32	Bypass,Forced Zn	Detection device forced on when area armed in Away, Stay or Stay 2 mode
33	Bypass,Swinger	Zone is swinger bypassed
34	UnBypass,Fire,Usr	User cleared bypassed (unbypass) fire detection device
35	UnBypass,Ctrl,Usr	User cleared bypassed (unbypass) controlled detection device
36	UnBypass,24hr,Usr	User cleared bypassed (unbypass) 24-hour detection device
37	Call for Service	Report sent automatically at Call for Service interval programmed by the security company
38	Cancel Alarm	User acknowledges active alarm before siren time expired for non-fire detection devices
39	Cancel Fire	User acknowledges active alarm before siren time expired for fire detection devices
40	Checksum Fail	Checksum on control panel parameters failed. Contact your security company to verify system
41	ChckSum Fail,Dbus	Checksum on option bus device failed. Contact your security company to verify system
42	Cls,All,+Dly,Skd	System armed in Away mode with entry/exit delay via Sked
43	Cls,All,+Dly,KS	System armed in Away mode with entry/exit delay via keyswitch
44	Cls,All,+Dly,RPS	System armed in Away mode with entry/exit delay via RPS software
45	Cls,All,+Dly,Tel	System armed in Away mode with entry/exit delay via telephone
46	Cls,All +Dly,Usr	System armed in Away mode with entry/exit delay via user
47	Cls,All,-Dly,RPS	System armed in Away mode with no entry/exit delay via RPS software
48	Cls,All,-Dly,Usr	System armed in Away mode with no entry/exit delay via User

**Table 6: Panel Events (Command 85)**

Equ #	System Log Display / Printer Report	Description
49	Cls,Prt,+Dly,Skd	System armed in Stay mode with entry/exit delay via Sked
50	Cls,Prt,+Dly,KS	System armed in Stay mode with entry/exit delay via keyswitch
51	Cls,Prt,+Dly,RPS	System armed in Stay mode with entry/exit delay via RPS software
52	Cls,Prt,+Dly,Usr	System armed in Stay mode with entry/exit delay via user
53	Cls,Prt,-Dly,RPS	System armed in Stay mode with no entry/exit delay via RPS software
54	Cls,Prt,-Dly,Usr	System armed in Stay mode with no entry/exit delay via user
55	Frc,All,+Dly,Skd	System forced in Away mode with entry/exit delay via Sked
56	Frc,All,+Dly,KS	System forced in Away mode with entry/exit delay via keyswitch
57	Frc,All,+Dly,RPS	System forced in Away mode with entry/exit delay via RPS software
58	Frc,All,+Dly,Tel	System forced in Away mode with entry/exit delay via telephone
59	Frc,All,+Dly,Usr	System forced in Away mode with entry/exit delay via user
60	Frc,All,-Dly,RPS	System forced in Away mode with no entry/exit delay via RPS software
61	Frc,All,-Dly,Usr	System forced in Away mode with no entry/exit delay via user
62	Frc,Prt,+Dly,Skd	System forced in Stay mode with entry/exit delay via Sked
63	Frc,Prt,+Dly,KS	System forced in Stay mode with entry/exit delay via keyswitch
64	Frc,Prt,+Dly,RPS	System forced in Stay mode with entry/exit delay via RPS software
65	Frc,Prt,+Dly,Usr	System forced in Stay mode with entry/exit delay via user
66	Frc,Prt,-Dly,RPS	System forced in Stay mode with no entry/exit delay via RPS software
67	Frc,Prt,-Dly,Usr	System forced in Stay mode with no entry/exit delay via user
68		Reserved
69	CommFail	Report failed to reach routing destination
70	CommFail,AltComm	Report failed to reach routing destination configured for alternate communication
71	Comm Restoral	After communication fail, report sent successfully to routing destination
72	CommRstl,AltComm	After communication fail, report sent successfully to routing destination configured for alternate communication
73	Date/Time Changed	Date/time in control panel changed
74	Duress	User entered Duress PIN or pressed Panic key sequence on RF keyfob
75	Fire, Alarm	Alarm event on fire detection device
76	Fire,Cross	Verified alarm event on fire detection devices with cross zone option programmed
77	Fire,Unverified	Unverified alarm event on fire detection devices with cross zone option programmed
78	Fire,Missing	Fire detection devices assigned to zone expander (wired or RF) not responding to panel status poll
79	Fire,Alrm,Rstl	Restoral from alarm, fire detection devices
80	Fire,Trouble	Trouble condition on fire detection devices
81	Fire,Trbl,Rstl	Restoral from trouble on fire detection devices
82	Instl Mode,Start	Installer PIN entered. Installer mode accessed
83	Instl Mode,End	Installer mode exited
84	Log Overflow	Panel log overflow condition. Oldest events being overwritten in history log
85	Log Threshold	Panel log reached threshold. Contact security company
86	AltCom Log Signl	Low signal strength detected on alternate communication device
87	Missing,Alarm	Zone assigned to zone expander (wired or RF) not responding to panel's status poll when armed
88	Missing,Trouble	Zone assigned to zone expander (wired or RF) not responding to panel's status poll when disarmed
89	Open, Skd	Opening by sked (Disarm)
90	Open, RPS	Opening by RPS software (Disarm)
91	Open, User	Opening by user (Disarm)
92	Open, KS	Opening by keyswitch (Disarm)
93	Open, Skd, Alarm	Opening after alarm by Sked
94	Open, RPS, Alarm	Opening after alarm by RPS software
95	Open, Usr, Alarm	Opening after alarm by user
96	Open, KS, Alarm	Opening after alarm by keyswitch

**Panel Events (Command 85) - Continued**

Equ #	System Log Display / Printer Report	Description
97		Reserved
98	Params Changed	Panel parameters changed
99	Phone Line Fail	Telephone line voltage below 3V for continuously for 40 seconds
100	Phone Line Rstl	After telephone line fail event, telephone line detected above 3V continuously for 40 seconds
101	Bad Call to RPS	Panel attempted to call RPS, but failed
102	RPS Access Fail	RPS attempted to connect to control panel, but failed
103	RPS Access OK	RPS successfully connected to and disconnected from control panel.
104	Re-boot, Panel	Normal start-up or reset with installer switch
105	Re-boot, Dbus	Unexpected reset (reboot) from option bus device
106	Output Reset, Usr	Output reset by user
107	Output Reset, Skd	Output reset by sked
108	Output Reset, RPS	Output reset by RPS software
109	Output Set, Usr	Output set by user
110	Output Set, Skd	Output set by sked
111	Output set, RPS	Output set by RPS software
112	Rstl, Tamper	Restoral from alarm, tamper zone type
113	Rstrl, Emergency	Restoral from alarm, emergency zone type
114	Rstrl, Panic	Restoral from alarm, panic zone type
115	Rstrl, Invisible	Restoral from alarm, invisible zone type
116	Rstr, 24-hr Burg	Restoral from alarm, 24-hr burglary zone type
117	Rstrl, Cntrl, Dly	Restoral from alarm, controlled entry/exit delay zone type
118	Rstrl, Cntrl	Restoral from alarm, controlled keyswitch, follower or instant zone type
119	Rcvr Jam	Jammed condition detected on premises RF receiver
120	Rcvr Jam Rstl	Jammed condition detected on premises RF receiver cleared
121	RF Battery Low	Low battery detected on premises RF transmitter
122	RF Battery Rstl	Low battery detected on premises RF transmitter cleared
123	RF Tamper Trbl	Premises RF transmitter tamper trouble
124	RF Tamper Rstl	Premises RF transmitter tamper restored
125	DBus Missing	Option bus device not responding to polling
126	DBus Missing, Rstl	Option bus device declared as missing is now responding to polling
127	DBus Tamper	Tamper circuit on option bus device is faulted
128	DBus Tamper, Rstl	Tamper circuit on option bus device has restored
129	DBus Trouble	Trouble detected on option bus device
130	DBus Trouble, Rstl	Option bus device trouble condition has restored
131	DBus Overcurrent	Over current condition detected on option bus device
132	DBusOverCur, Rstl	Over current condition detected on option bus device has restored
133	Sensor Mon Trbl	Sensor trouble detected
134	Sensor Mon Rstl	Sensor trouble detected restored
135	Sensor Reset	User entered System Reset function (Command 47)
136	System Inactive	Area was not armed in inactive interval. System reset function or arming area resets this trouble
137	Test, OK	No system troubles at automatic test report time
138	Test, Off-Normal	System trouble present at automatic test report time
139	Trbl, Tamper	Trouble condition on tamper or voice active detection device
140	Trbl, Emergency	Trouble condition on emergency detection device
141	Trbl, Panic	Trouble condition on panic detection device
142	Trbl, Invisible	Trouble condition on invisible detection device
143	Trbl, 24-hr Burg	Trouble condition on 24-hour burglary detection device
144	Trbl, Cntrl, Dly	Trouble condition on entry/exit delay detection device
145	Trbl, Cntrl	Trouble condition on controlled keyswitch, follower or instant detection device
146	Rstl, Trbl, Tmpr	Restoral from trouble condition on tamper or voice active detection devices
147	Rstl, Trbl, Emerg	Restoral from trouble condition on emergency detection devices
148	Rstl, Trbl, Panic	Restoral from trouble condition on panic detection devices

**Panel Events (Command 85) - Continued**

Equ #	System Log Display / Printer Report	Description
149	Rstl,Trbl,Invis	Restoral from trouble condition on invisible detection device
150	Rstl,Trbl,24-hr	Restoral from trouble condition on 24-hour burglary detection device
151	Rstl,Trbl,Dly	Restoral from trouble condition on controlled entry/exit detection device
152	Rstl,Trbl,Cntrl	Restoral from trouble condition on controlled keyswitch, follower, instant detection devices
153	User Code Area Set	User PIN code added by assigning area
154	User Code Change	User PIN code changed
155	User Code Delete	User PIN code deleted
156	User Code Tamper	Invalid PIN code entered at keypad exceeded user tamper retry count
157	User Level Set	User PIN code level set.
158	Walk Test Start	Walk test started with Command 44
159	Walk Test End	Walk test ended by user or time-out
160	Siren Trouble	Control panel detected output device missing from PO2 (output 2 – programmed as supervised)
161	Siren Restoral	Missing device from PO2 (output 2) is no longer missing
162	Grnd Fault	Ground fault detected on the control panel's zone loops
163	Grnd Fault,Rstl	Ground fault detected on the control panel's zone loops have cleared
164	First Open	Control panel is partitioned for multiple areas. First area is open (disarmed)
165	Last Close	Control panel is partitioned for multiple areas. Last area to close (turn on / arm)
166	AltComm Cond	Trouble detected on alternate communication network
167	AltComm Fail	Network failure detected on alternate communication network
168	AltComm Rstl	Network failure detected on alternate communication network restored
169		Reserved
170		Reserved
171		Reserved
172		Reserved
173	Rstrl, Swinger	Restoral from swinger bypass
174	Rstrl,Fire,Miss	Restoral from missing fire detection device (local event only)
175	Rstrl,Alarm,Miss	Restoral from missing alarm detection device (local event only)
176	Rstrl,Trble,Miss	Restoral from missing trouble detection device (local event only)
177	Rstl,Low,Signl	Restoral from alternate communication low signal strength
178	UnByyss,Fire,RPS	Bypass on fire zone type cleared
179	UnByyss,Ctrl,RPS	Bypass on controlled zone type cleared
180	UnByyss,24hr,RPS	Bypass on 24-hour zone type cleared
181	RF Battery Low	Low battery condition on RF keyfob
182	RF Batter Rstl	Low battery condition on RF keyfob restored/cleared
183	Trbl,Default PIN	Factory default Installer or User PIN's have not been changed
184	Rstl,Default PIN	Factory default Installer or User PIN's have been changed

**Panel Events (Command 85) - Continued**

## Security System Limitations

Not even the most advanced security system can guarantee protection against burglary, fire, or environmental threats. All security systems are subject to possible compromise or failure-to-warn for a variety of reasons including, but not limited to, the following:

- If sirens or horns are placed outside the hearing range of people in remote areas of the building or in areas which are frequently closed off, they do not provide the intended protection.
- If intruders gain access through unprotected zones of entry, the system will not detect their entrance.
- If intruders have the technical means of bypassing, jamming, or disconnecting all or part of the system, they will not be detected.
- If the AC power supply is OFF and the back up battery is either missing or dead, sensors will not detect intrusion.

- Smoke detectors cannot detect smoke in chimneys, walls, or roofs, or smoke blocked by a closed door. They may not detect smoke or fire on a level of the building different from the one on which they are located. Smoke detectors may not be able to warn in time about fires started by explosions, improper storage of flammables, overloaded electrical circuits, or other types of hazardous conditions.
- If phone lines are out of service, reports from the security system to the security company cannot be sent. Telephone lines are vulnerable to compromise by several means. Inadequate maintenance and failure to test are the most common causes of alarm failure. It is strongly recommended that you test your system once a week to be sure that all system components are working properly. Although having a security system may make you eligible for reduced insurance premiums, the system is no substitute for insurance. Warning devices cannot compensate you for loss of life or property.

## Fire Safety and Evacuation

Residential fire is a leading cause of accidental death. Most fire related deaths occur at night when occupants suffocate in their sleep from smoke and toxic gases, rather than from burns. To help reduce this risk, the following program should be implemented.

1. Minimize fire hazards. Smoking in bed, cleaning with flammable liquids such as gasoline, leaving children home alone, and using unsafe holiday decorations are some of the common causes of household fire.
2. Install a fire alarm system. The primary purpose of this system is to protect lives by giving the earliest possible warning of danger.
3. A smoke detector should be provided to protect each sleeping area in a home.
4. Practice an escape plan. Because there may be very little time between detection of a fire and the time it becomes deadly, it is important that every member of the family understand how to quickly evacuate according to the plan.
5. Plan both primary and alternate escape routes. Since stairwells and hallways may be blocked during a fire, exiting through a bedroom window must be a part of the escape plan. If the sleeping area is above the ground floor, install a means of safely descending outside the building if one does not already exist.
6. As a part of this plan, all family members should arrange to meet at a location away from the house (such as a neighbour's house) so you will know that everyone is accounted for.
7. If it is determined that the alarm was accidentally sounded, the siren should be silenced, the detectors reset, and your security company notified immediately that there is no emergency situation.

## Maintenance and Service

This security system requires very little maintenance, however, you should test the system weekly to ensure it is working properly. A test schedule and maintenance program can be arranged. If you notice a change in operation during normal use or testing, call for service as soon as possible. Do not attempt to repair the control panel, keypads, or detectors yourself.

Call \_\_\_\_\_ before testing.

The security system is connected to this telephone number:

\_\_\_\_\_  
The security control panel is connected to the phone jack located: \_\_\_\_\_.

RF Receiver location: \_\_\_\_\_.

## Power Failure

If the keypad indicates a power failure, and you have power in the rest of your premises, there may be a problem with the electrical transformer or circuit breaker supplying power to your security control panel. First, check to be sure that the transformer is securely plugged into the electrical outlet. If it appears to be damaged in any way, do not attempt to repair it. Call your security company for service.

AC Power Supply location: \_\_\_\_\_

If the transformer is plugged in, check the circuit breaker supplying power to the outlet. If the breaker is tripped, check the appliances on the circuit for signs of electrical problems. Make sure someone has not intentionally turned the breaker off. When all is clear, reset the breaker.

Circuit breaker number: \_\_\_\_\_

## How To Clean The Keypad

If your keypad gets dirty, apply a household glass cleaner to a clean cloth or paper towel and wipe the surface. Do not spray any liquid directly onto the keypad. It could run inside the case and damage electrical circuits.

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	ZONE LIST	ENTRY/ EXIT	STAY MODE	24 HOUR	RF ZONE SERIAL No.
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

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	ZONE LIST	ENTRY/ EXIT	STAY MODE	24 HOUR	RF ZONE SERIAL No.
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					

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**Security Systems**

25 Huntingwood Drive  
HUNTINGWOOD NSW 2148  
AUSTRALIA

Telephone:  
Facsimile:  
Email

**BOSCH**  
ABN 36 088 450 171  
61-2 9672 1777  
61-2 9672 1717  
[www.boschsecuritysystems.com.au](http://www.boschsecuritysystems.com.au)