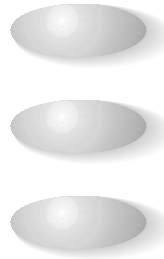




*User's
Guide*



PC6010

Quick Reference Guide

This manual is for Basic and Advanced users. Each of these types of user can access a different set of functions. The Basic and Advanced symbols next to the title of each procedure show which users can access that function.

Each user should read all the sections that describe the functions they can access. All users should read pages i, and 1-2, for important information on security system operation.

To use any function:

1. When the keypad is idle, it displays the time and date:

12:00 2000/01/01
Enter Your Code

Enter your access code to go to the main menu.

2. The keypad prompts you with questions about which function you want to choose. See the appropriate section for information on each function.
3. Press Yes to select a function
Press No to skip to the next function.
4. Answer Yes or No to each of the questions until you are finished.

Remember: If you want to start over, press Cancel at any time.

If you are viewing a list of items, the keypad displays a flashing \rightarrow when there is more information. Use to see each item in the list.

Main Menu:

This is the order of the prompts in the main menu. For more information on each prompt, refer to the page number indicated.

Users will see only the prompts they have access to.

Prompt	Page No.
Do You Want To Turn Areas On?	6
Do You Want To Turn Areas Off?	10
Do you want to Delay Auto-Arm?	15
End of basic user prompts	
Activate Door Strike?	16
Do You Want to Reset Detectors?	16
End of advanced user prompts	
End of List View List Again?	

To return to the beginning of the prompts, press Yes.

To return to the start screen, press No.

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Tip! See the
Glossary on page 2
to learn more about
words used in this
manual.

Glossary

Access code: A four- or six-digit code that allows you to turn areas on or off, and to use other system functions.

Alarm: When a zone is violated (e.g. a smoke detector detects smoke, a motion detector senses movement, a door with a contact is opened), it triggers an alarm.



Intrusion alarm: An alarm triggered by an intrusion detector (e.g. motion detectors, glassbreak detectors, door/window contacts). Usually occurs when the system is turned on.

Fire alarm: An alarm triggered by fire, smoke or heat detectors. Fire alarms may be triggered at any time, whether the system is on or off.

Area: A group of zones that can be turned on or off together. See Zone.



Auto-arming: When the system turns on one or more areas at a preset time of the day.

Central Station: If remote monitoring is enabled, your system will send alarms, faults and emergency messages to the central station. The central station will then notify the local authorities, if necessary.



Detector: A part of the system that can detect problems and report them to the control panel (e.g. a motion detector can tell the control panel if there is movement in a protected area).

Entry time: A timer programmed by your installer. The timer begins counting down when you enter an area that is on. You must enter an access code to turn the area off before the timer runs out, or an alarm will be triggered.

Entry/exit doors: Your installer will program the doors you usually use to enter or exit the premises as entry/exit doors. These doors have entry and exit times. Your installer will usually place keypads near the entry/exit doors for easy access to system functions.



Exit time: A timer programmed by your installer. The timer begins counting down when you turn your system on, to allow you a period of time in which to leave the premises. At the end of the exit time the system will be turned on.

[120]

Fault: The control panel continuously checks the system for conditions that may reduce its effectiveness. If the control panel finds one of these conditions (fault), it will indicate this at the keypad(s) to alert you to the problem.

Main Menu: The first set of options available after you enter your access code starting with "Do you want to turn areas on?", or "Your areas are ON/OFF... Exit Now?".

Security System: The main control panel, detectors, devices and keypads, which together provide security monitoring of an area.

Start Screen: What the keypad displays before you enter your access code:

```
12:00 2000/01/01  
Enter Your Code
```

Zone: A part of the premises monitored by a detector (smoke detector, door/window contact, motion detector, glassbreak detector, etc.).



About Your Security System

S E C T I O N 1

Your DSC security equipment has been designed to give you the greatest possible flexibility and convenience. The liquid crystal display (LCD) keypad guides you through each operation with easy-to-understand prompts. With unique sound sequences, the keypad signals faults and other indications of system status.

Read this manual carefully to become familiar with the features that have been implemented on your system. All users of this system should be instructed in the features available to them.

1.1 Using This Manual

There are 4 possible types of users of an PC6010 security system. Each of the 4 user types can access different levels of features.

This manual describes how to use the features that are available to Basic and Advanced users. These features may also be available to Supervisor and Master users. For information on additional functions which are available to Supervisor and Master users, please refer to the *Maintenance Manual*.

Each user type has access to a different set of system functions. Each procedure indicates which users will be able to access it, with a graphic similar to the following:

- ✓ Basic
- ✓ Advanced
- ✓ Supervisor
- ✓ Master

1.2 Understanding Your Security System

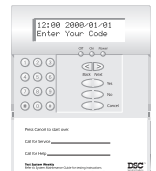
Your security system is made up of a control panel, keypads and various detectors and sensors.

Control Panel

The control panel is the “brain” of your security system. It controls and monitors all the keypads and sensors, and communicates with the central station (if remote monitoring is turned on). The control panel will be mounted out of the way, in a utility closet or in a basement. The metal cabinet contains the system electronics, fuses and stand-by battery. There is normally no reason for anyone but the installer or service professional to have access to the control panel.

Keypads

You can access system functions with your keypad(s), described in the *User Guide*. Each keypad has a sounder. The keypad has a liquid crystal display (LCD) which shows system messages. The keypad can send commands to the system and show the current system status. You installer will mount the keypad(s) inside your premises, close to the entry/exit door(s).



Zones and Areas

The security system has several zones (monitored areas). Each of these zones will be connected to a sensor (motion detectors, glassbreak detectors, door contacts, etc.). If a sensor goes into alarm, the keypad displays a message.



Your installer may have divided the system into different areas. Each area includes one or more zones, and can be turned on and off independently of other areas. Your installer should explain to you which areas have been programmed, and which zones belong to which areas.

Access Codes

As a user of the system, you will be assigned a 4- or 6-digit access code. You can use your access code to turn areas on and off, and to access other system functions.

Your access code may not allow you to use certain system functions. For instance, if your code is only allowed to turn on area 1, you will not be able to turn on other areas.

1.3 Remote Monitoring

The system can send alarms, troubles and emergency messages over telephone lines to a central station. If you accidentally initiate an alarm, immediately call the central station to prevent an unnecessary response.



NOTE: Your installer must enable monitoring for it to work.



IMPORTANT NOTICE

A security system cannot prevent emergencies. It is only intended to alert you and – if included – your central station of an emergency situation. Security systems are generally very reliable but they may not work under all conditions and they are not a substitute for prudent security practices or life and property insurance. Your security system should be installed and serviced by qualified security professionals who should instruct you on the level of protection that has been provided and on system operations.

Turning Your Area(s) ON and OFF

S E C T I O N 2

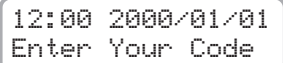
This section describes how to turn your areas of the system ON and OFF. You will only be able to turn on or off the areas which have been assigned to you. All users should read this section carefully.

Remember - you can return to the start screen at any time by pressing  Cancel. However, pressing  Cancel will **not** prevent areas from being turned on. To remain in, or to re-enter areas, you must enter your access code and turn the areas off.

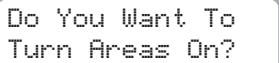
2.1 Entering Your Access Code

Before you can use any system features, you need to enter your access code. The keypad always displays the start screen first:

- Basic
- Advanced
- Supervisor
- Master

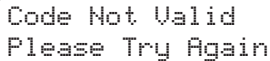
Step 1.  Enter your access code using the number pad.

If you enter a valid code, the keypad gives 3 short beeps, and the keypad displays the next prompt. For example, the keypad may display:

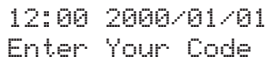
 Go to step 4 (if the code is valid).

If the Code is Not Valid

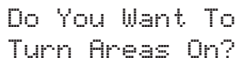
Step 2. If you enter a code that is not valid, the keypad gives one long beep, and the system prompts:





After 2 seconds, the keypad goes back to the start screen:



Step 3. Enter your code. If you enter a valid code, the keypad gives 3 short beeps, and the system prompts:



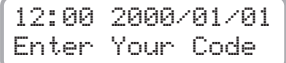
If the Code is Valid



Step 4. Answer  Yes or  No to each of the keypad prompts until you have finished. Refer to the procedures in this manual for more information on each prompt.

2.2 Turning All Your Areas ON

This procedure explains how to turn on *all* the areas that you have access to. Before you turn areas on, you should check that they are not occupied, and that all zones are closed (i.e. doors and windows are closed, there is no motion in the area).

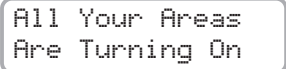
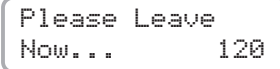
- ✓ Basic
- ✓ Advanced
- ✓ Supervisor
- ✓ Master

Step 1.  Enter your access code.


Step 2. Keypad displays:
 To confirm, press  Yes.

Step 3. Keypad displays:
 To confirm, press  Yes.

Step 4. The keypad beeps 3 times, the ON light turns on and the keypad displays:

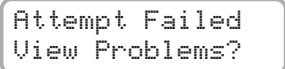
 then, 

Step 5. The keypad counts down the exit time (the number in the lower right-hand corner shows how much time is left). Leave the area through your entry/exit door. The area will turn on after the exit time expires.

NOTE: Pressing  Cancel will **not** prevent the area from being turned on. To remain in, or to re-enter the area, you must enter your access code and turn the area off.

Attempt Failed

When you are trying to turn areas on, if you see the message

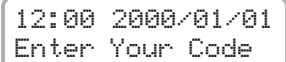


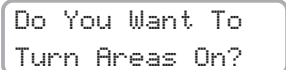

one or more zones may be open, or have problems. See section 2.4 for instructions.

2.3 Turning Some of Your Areas ON

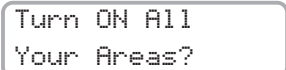

This procedure explains how to turn on some of the areas that you have access to. Before you turn any areas on, you should check that they are unoccupied, and that all the zones are closed (i.e. doors and windows are closed, there is no motion in the area).

- ✓ Basic
- ✓ Advanced
- ✓ Supervisor
- ✓ Master

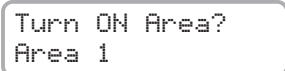
Step 1.  Enter your access code.


Step 2. Keypad displays:  To confirm, press  Yes.


Tip! *If you need to turn on the area you are in, make sure you turn it on LAST!*

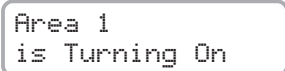
Step 3. Keypad displays:  Press  No.

Step 4. The keypad displays a list of each area you have access to. For example:

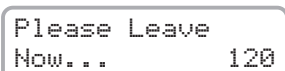


If you do *not* want to turn on an area, press  No. The keypad displays the next available area.

If this is an area you want to turn on, press  Yes. The keypad displays:

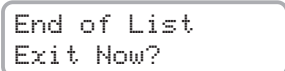


NOTE: *After you turn on the area you are in, you will not be able to turn on any more areas from this keypad. The keypad beeps 3 times, the ON light turns on and the keypad displays:*



The keypad counts down the exit time. Leave the area through your entry/exit door.

Step 5. If you come to the end of the list (and you haven't turned on the area you are in), the keypad displays:



To return to the beginning of the list of available areas, press  No.

To return to the start screen, press  Yes.

2.4 Turning Area(s) ON - "Attempt Failed" Message

- ✓ Basic
- ✓ Advanced
- ✓ Supervisor
- ✓ Master

If you see the message "Attempt Failed" when you have tried to turn your area(s) on, one or more zones may be open, or may have a fault. If possible, make sure that all of the zones are closed when you turn an area on.

WARNING: *Turning on areas with open zones reduces your security protection. If a zone in your area is not working, or you cannot close it, call a Supervisor or Master user immediately, so that the problem can be resolved.*


Step 1. Use procedures 2.2 or 2.3 to try to turn on all or some of your areas.

Step 2. Keypad displays:

Turn On All
Your Areas?

OR



Turn On Area?
Area 1

To confirm either of these options, press  Yes.

Step 3. The keypad displays:

Attempt Failed
View Problems?

To see a list of open zones, press  Yes.

Step 4. The keypad displays a list of the zone(s) that are open, or that have faults, and the area(s) they are in. Use the   keys to view each open zone. When you come to the end of the list, the keypad displays:

End of List
Turn On Anyway?

Step 5. Check Open Zones

If you want to go and check that the listed zones are closed, press  No.


The keypad displays:

System Will Not
Turn Areas On!

Close all doors and windows, or stop motion in each zone that was listed, then go back to step 2. If all the zones are secure, you will be able to turn on the selected area(s) as described in procedures 2.2 and 2.3.

continued next page...

Or, Turn Area(s) On Anyway

If you want to continue to turn on your area(s) with the listed zones open, or in fault, press  Yes. The keypad displays the following message:

```
Warning-Security
Reduced
```


If you see this message, you can continue to turn your area(s) on, but you should tell a Supervisor or Master user about the problem zones.

The keypad displays:

```
Press (YES) to
Confirm...
```

To continue turning on your area(s), go to step 6.

To stop turning on the area(s), go to step 7.


Step 6. To turn on your area(s) with the zone(s) open, press  Yes. The keypad displays:

```
Warning
Confirmed
```

The system will turn on the area(s). If you have turned on the area you are in, the keypad displays:

```
Please Leave
Now... 120
```

The keypad counts down the exit time. Leave the area through your entry/exit door.

Step 7. To stop turning on the area(s), press  No . The keypad displays:

```
System Will Not
Turn Areas On!
```

then

```
Turn ON All
Your Areas?
```

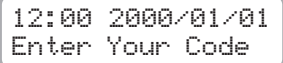
To turn on other areas, go back to step 1.

Report the problem zones to a Supervisor or Master user.

2.5 Turning All Your Areas OFF

This procedure explains how to turn off all the areas that you have access to.

- ✓ Basic
- ✓ Advanced
- ✓ Supervisor
- ✓ Master

Step 1.  Enter your access code.

Step 2. If some of your areas are already off, the keypad displays:

 Press  No.

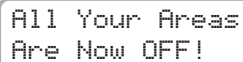
Step 3. The keypad displays:

 To confirm, press  Yes.

Step 4. The keypad displays:

 To confirm, press  Yes.

Step 5. The keypad beeps 3 times, the OFF light turns on and the keypad displays:

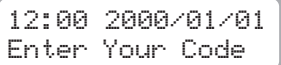


Step 6. The keypad returns to the start screen.

2.6 Turning Some of Your Areas OFF

This procedure explains how to turn off one or more of the areas to which you have access.

- Basic
- Advanced
- Supervisor
- Master

Step 1.  Enter your access code.

Step 2. If some of your areas are already off, the keypad displays:

 Press  No.


Step 3. The keypad displays:

 To confirm, press  Yes.

Step 4. The keypad displays:

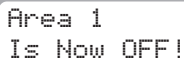
 Press  No.

Step 5. The keypad displays a list of areas you have access to, and which are turned on. For example:

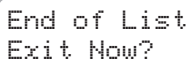


If you do *not* want to turn off an area, press  No.


If it is an area you want to turn off, press  Yes. The keypad displays:



Step 6. When you reach the end of the list, the keypad displays:



To view areas again, press  No.

To return to the main menu, press  Yes.

Silencing and Clearing Alarms & Faults

S E C T I O N 3

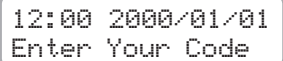
CAUTION: If you find that an alarm has occurred while you were away, it is possible that an intruder or a fire may still be present. Go to a nearby safe location, and call the local authorities to investigate.

If the alarm was unintentional, call the local authorities immediately to avoid an unnecessary response.

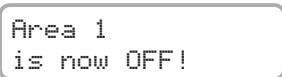
3.1 Turning Off the Bells

If the bells are sounding an alarm, you can shut them off by doing the following:

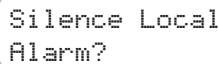
- Basic
- Advanced
- Supervisor
- Master

Step 1.  Enter your access code.

Step 2. If your area(s) were on and if the alarm is in the area the keypad is assigned to, the system will silence the bells in the area, and turn the area off. The keypad displays:

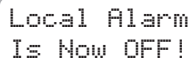


If your area(s) were off and if the alarm is in the area the keypad is assigned to, the keypad displays:




To turn off the bells, press  Yes.

The keypad displays:

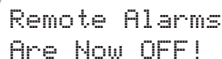


Step 3. If the bells are still sounding in other areas, the keypad will display:



To turn off the bells, press  Yes.

Step 4. The bells turn off in the other area(s). The keypad displays:



The keypad returns to the main menu.

3.2 Clearing the Alarms

This section explains how to acknowledge and clear alarms.

- ✓ Basic
- ✓ Advanced
- ✓ Supervisor
- ✓ Master

Step 1. If you enter your code, or have turned off area(s) after an alarm has occurred, the keypad displays:

```
There are Alarms
View Alarm List?
```

If you press No, the keypad displays the next menu item.

If you press Yes, the keypad displays the list of alarms that have occurred since the area(s) were last armed. For example,

```
Area 1      >
Zone 1
```

Step 2. Use the buttons to view each alarm. When you come to the end of the list, the keypad displays:

```
End of List
Clear Alarms?
```

Step 3. If you do not want to clear the alarm memory, press No. The keypad returns to the display in step 1.

To clear the alarm memory, press Yes. The keypad displays:

```
Detector Reset
In Progress
```

then

```
Alarm(s) Now
Cleared!
```

The keypad returns to the main menu.

If the keypad displays

```
Unable to Clear
All Alarm(s)!
```

the system was unable to reset one or more detectors. Report the problem to a Supervisor or Master user.

3.3 Viewing and Clearing Fault Conditions

The control panel continuously checks for a number of possible faults.

If one of these faults occur, the keypad beeps twice every 10 seconds. Enter your access code, and follow the procedure below, to see a list of system faults.

NOTE: A fault condition reduces the security your system is designed to provide. Call a Supervisor, or Master user to arrange service.

- ✓ Basic
- ✓ Advanced
- ✓ Supervisor
- ✓ Master

Step 1.

```
12:00 2000/01/01
Enter Your Code
```

Enter your access code.

If there is a fault, the keypad displays:

```
System Fault
View Fault List?
```

To exit fault viewing, press No .

To view faults, press Yes.

NOTE:

Advanced users may see a different list of faults than Basic users.

Step 2. The keypad displays the list of faults. For example:

```
Telephone Line
Fault
```

If you see a flashing >, use the < > keys to scroll through the list of faults.

Step 3. When you come to the end of the list, the keypad displays:

```
End of List
Clear Faults?
```

To return to the main menu, press No .

To clear the faults, press Yes.

Step 4. The system tries to reset the faults. If all the faults are reset, the keypad displays:

```
Fault(s) Now
Cleared!
```

Step 5. If the system cannot reset all the faults, the keypad displays:

```
Unable to Clear
All Fault(s)!
```

then,

```
Call for Service
Exit Now?
```

To view the faults again, press No .

To exit fault viewing, press Yes.

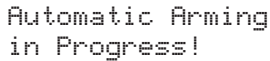
Automatic Arming

S E C T I O N 4

Automatic arming (auto-arming) is when the system automatically turns on one or more areas of the system at preset times. All users can postpone auto-arming for a pre-set period of time. Follow the procedure below.

Delaying Automatic Arming

Before the system begins auto-arming of an area, the keypads will warn users in the area by beeping continuously (this is the auto-arm warning). If you hear the auto-arm warning, you can delay the automatic arming. Enter your code at an area keypad. The keypad displays:



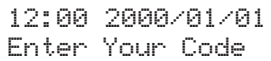
Automatic Arming
in Progress!

To delay the automatic arming, follow the procedure below, starting at step 3.

If you know the system will be auto-arming at a particular time, you can delay the arming before it starts. Follow the procedure below.

NOTE: If none of your areas are set up for automatic arming, or if automatic arming is already delayed, or if the system is set up so that users cannot delay automatic arming, the keypad will display "This Function is Not Available".

- ✓ Basic
- ✓ Advanced
- ✓ Supervisor
- ✓ Master

Step 1.  Enter your access code.


Step 2. The keypad displays:
 Press No until the keypad displays:

Step 3.  To confirm, press Yes.

Step 4. The keypad displays the first area which will be auto-armed:

 To confirm, press Yes.

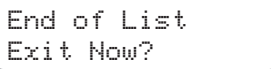
Step 5. The keypad displays:



Automatic Arming
Has Been Delayed

The system will try again to arm the system at the end of the delay time programmed by your installer. If there are more areas that will be auto-armed, the keypad displays the next area.

Step 6. At the end of the list of areas, the keypad displays:

 To return to the list of areas, press No .
To return to the start screen, press Yes.

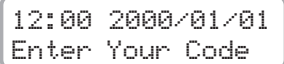
Other Functions

S E C T I O N 5

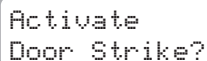
5.1 Unlocking Doors

Your installer may have set up the system so that users can unlock certain doors from the keypad. Basic users will not have access to this feature. Ask your installer, or the Supervisor or Master users which doors this feature will unlock. You will only be able to unlock doors in the area(s) you are assigned to.

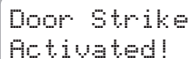
- Advanced
- Supervisor
- Master

Step 1.  Enter your access code.

Step 2. Press  No, until the keypad displays:



Step 3. To unlock the door(s), press  Yes. The door(s) unlock and the keypad buzzer sounds. The keypad displays:

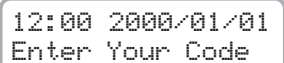


Step 4. The keypad returns to the start screen.

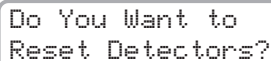
5.2 Resetting Detectors

Your installer may have set up the system so that you can reset detectors from the keypad. Basic users will not have access to this feature. Ask your installer, or the Supervisor or Master users which detectors this feature will reset.

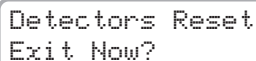
- Advanced
- Supervisor
- Master



Step 1.  Enter your access code.

Step 2. Press  No, until the keypad displays:



Step 3. To reset the detectors, press  Yes. The keypad displays:

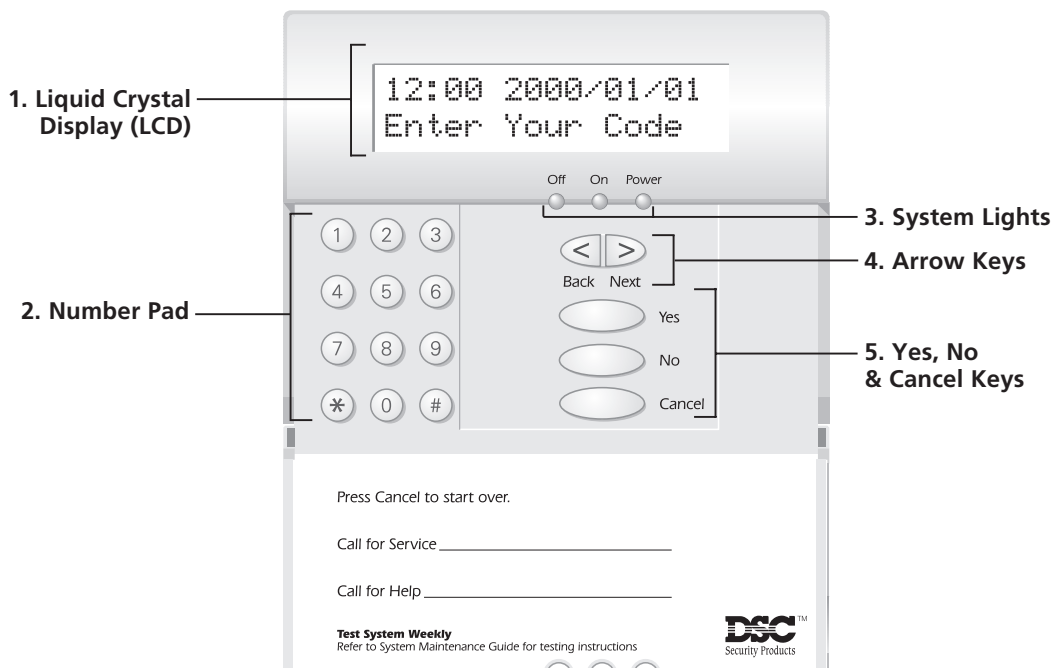


Step 4. To return to the start screen, press  Yes.
To return to the main menu, press  No.

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Keypad Buttons and Lights



1. Liquid Crystal Display (LCD):

The LCD displays prompts and system information on two 16-character lines. This diagram shows the Start Screen.

2. Number Pad:

Use the number pad to enter your access code.

3. System Lights:

The On and Off lights will only be lit as described, after you have entered a valid access code. If no code has been entered, only the Power light will be on.

Off Light

When you are turning areas on or off, the Off light will turn on to tell you that the area displayed is currently off. (See "Turning Your Areas ON and OFF" on page 5).



On Light

When you are turning areas on or off, the On light will turn on to tell you the area displayed is currently on. (See "Turning Your Areas ON and OFF" on page 5).



Power Light


The Power light will always be on, unless the system, or one of the modules, has lost AC power.


4. Back/Next Keys:

If you are viewing items in a list, use the  keys to move forward to the next item, or back to the previous item. If there is more information to view, the keypad will flash a  in the top right corner of the display.

5. Yes, No and Cancel Keys:

For each feature, the system will display a question (e.g. Do you want to turn areas on?). Press  Yes to answer yes and  No to answer no.

If you are unsure, or have lost your place in the system programming, press  Cancel to return to the start screen ("Enter Your Code").

NOTE: Pressing  Cancel will **not** prevent areas from being turned on. To remain in, or to re-enter areas, you must enter your access code and turn the areas off.