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Quick Start Guide
FOR MODELS

Abbra Home Control
Abbra Campus
AbbraLink



Abbra Home Control
Quick Start Guide

NOTES

WARRANTY

Visonic Ltd. and/or its subsidiaries and its affiliates ("the Manufacturer") warrants its products hereinafter referred to as "the Product" or "Products" to be in conformance with its own plans and specifications and to be free of defects in materials and workmanship under normal use and service for a period of twelve months from the date of shipment by the Manufacturer. The Manufacturer's obligations shall be limited within the warranty period, at its option, to repair or replace the product or any part thereof. The Manufacturer shall not be responsible for dismantling and/or reinstallation charges. To exercise the warranty the product must be returned to the Manufacturer freight prepaid and insured. This warranty does not apply in the following cases: improper installation, misuse, failure to follow installation and operating instructions, alteration, abuse, accident or tampering, and repair by anyone other than the Manufacturer. This warranty is exclusive and expressly in lieu of all other warranties, obligations or liabilities, whether written, oral, express or implied, including any warranty of merchantability or fitness for a particular purpose, or otherwise. In no case shall the Manufacturer be liable to anyone for any consequential or incidental damages for breach of this warranty or any other warranties whatsoever, as aforesaid. This warranty shall not be modified, varied or extended, and the Manufacturer does not authorize any person to act on its behalf in the modification, variation or extension of this warranty. This warranty shall apply to the Product only. All products, accessories or attachments of others used in conjunction with the Product, including batteries, shall be covered solely by their own warranty, if any. The Manufacturer shall not be liable for any damage or loss whatsoever, whether directly, indirectly, incidentally, consequentially or otherwise, caused by the malfunction of the Product due to products, accessories, or attachments of others, including batteries, used in conjunction with the Products. The Manufacturer does not represent that its Product may not be compromised and/or circumvented, or that the Product will prevent any death, personal and/or bodily injury and/or damage to property resulting from burglary, robbery, fire or otherwise, or that the Product will in all cases provide adequate warning or protection. User understands that a properly installed and maintained alarm may only reduce the risk of events such as burglary, robbery, and fire without warning, but it is not insurance or a guarantee that such will not occur or that there will be no death, personal damage and/or damage to property as a result.

The Manufacturer shall have no liability for any death, personal and/or bodily injury and/or damage to property or other loss whether direct, indirect, incidental, consequential or otherwise, based on a claim that the Product failed to function. However, if the Manufacturer is held liable, whether directly or indirectly, for any loss or damage arising under this limited warranty or otherwise, regardless of cause or origin, the Manufacturer's maximum liability shall not in any case exceed the purchase price of the Product, which shall be fixed as liquidated damages and not as a penalty, and shall be the complete and exclusive remedy against the Manufacturer.

Warning: The user should follow the installation and operation instructions and among other things test the Product and the whole system at least once a week. For various reasons, including, but not limited to, changes in environmental conditions, electric or electronic disruptions and tampering, the Product may not perform as expected. The user is advised to take all necessary precautions for his /her safety and the protection of his/her property.

Support

For further assistance:

If you need further information not covered in this guide, please refer in the first instance to the main Abbra System User Guide available at www.myabra.com. Alternatively, NextAlarm advisors are on hand to assist during office hours. Please email them at abra@nextalarm.com will apply.

For more information about home automation devices compatible with your Abbra system, visit www.x10pro.com.

Perimeter Zone: This type of zone setting is used by a sensor designed to detect entry into the premises from outside. Sensors that would fit this purpose would be sensors on exterior doors such as front, back or an interior garage door as well as windows. This sensor is not ignored when the Abbra system is armed in the Home mode so any intrusion is detected.

User Settings Mode or window will trigger an alarm, as will moving in front of a motion sensor.

Zone – A zone is essentially another name for a sensor. Each sensor must be assigned its own zone. A zone has a number, a name, and a type (such as perimeter, interior, or fire). In the Basic Kit, the three sensors are pre-programmed to zones 1, 2, and 3.

1 2 3 4 5 7 8 9 0 *****

Congratulations, and thank you for purchasing your new Abbra System!

The Abbra line includes Abbra Campus for college students as well as AbbraLink for active seniors that appreciate help being a push button away.

The Complete SimpleConnect kit includes the NextAlarm.com monitoring service, so should an emergency occur, the appropriate authorities will be swiftly contacted. With the easy to understand menu-driven interface and extensive voice prompts, everyone can install the Abbra quickly, and maintenance is a snap.

This Quick Start Guide is all you need to get started. In this guide are step-by-step instructions to installing, programming, and using your home control/ security system. For more information on the Abbra line, or if you have purchased any additional sensors or other equipment, please visit www.myabbr.com to download the complete Installation and User Manuals. If you purchased the Abbra with NextAlarm monitoring service included, and wish to activate it, please visit www.myabbr.com and click "Register". If you did not purchase monitoring with your system, but would like to use NextAlarm monitoring, then please visit www.myabbr.com and click "Sign Up".

Step 1 – Inside the Box*

Your Abbra package should contain the following items. If you are missing any of these elements, please contact us at abbr@nextalarm.com

- 1 Control Panel
- 1 Keychain Remote Control
- 1 Motion Sensor
- 2 Magnetic Door / Window Transmitters*
- 1 Telephone Cable
- 1 Power Wall Adapter
- Rechargeable Batteries
- Tabletop Mounting Feet
- User Guide and Quick Start Guide
- Customer Literature
- Registration Form
- Any Additional Devices You've Purchased (optional)

*AbbraLink includes an emergency pendant

* Abbra Campus includes only one Door / Window Transmitter

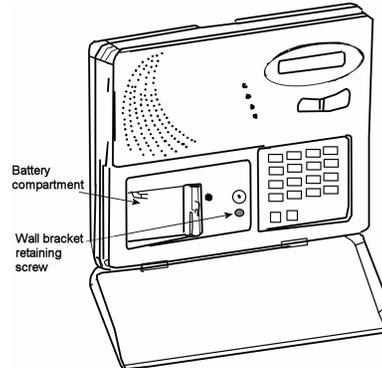


List of Terms (in alphabetical order)

Step 2 – Activating the Control Panel

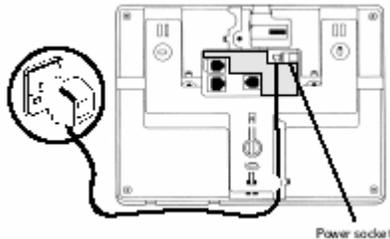
The Control Panel comes with its wall mounting bracket already fixed in place. Leave in this position to complete the installation and registration. The wall mounting option is explained later in this guide.

1 Find a central location to place the Abbra Control Panel that has close access to a telephone jack and electrical outlet. Attach end of the wire supplied with the power wall adapter to the screw terminals of the power wall adapter. Connect one end of the power wall adapter to the socket at the back of the Abbra Control Panel. Plug the other end into an electrical outlet. **NOTE: Be sure the electrical outlet is not controlled by a light switch.**

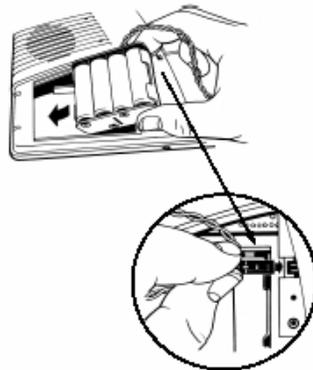


2

To activate the battery, flip open the cover to the Control Panel buttons. Release the screw to the cover where the batteries are kept.



3 Insert the rechargeable battery pack. Plug into the socket on the right hand side of the compartment. Replace the battery cover.



The backup batteries will need to charge for 24 hours before they are fully functional.

Please **do not** attach the telephone cord at this time. This will happen at the end of Step 6.

Alarm – When Abbra detects that a zone has been disturbed, it will trigger an alarm. The siren will sound, and an alarm signal will be sent to the Central Station.

Arm – Activate the Abbra home security system, so that if a zone is disturbed, it will trigger an alarm. The Abbra may be armed in *Away mode*, *Home mode*, or *Instant mode*.

Away mode arming – If Abbra is armed in *Away mode*, then all interior and perimeter zones will be active. Opening a door command takes effect and the zones actually become active. This is to give you time to leave the house or settle in for the night. This period of time is called the *Exit Delay*. When the Abbra is armed in Home or Away mode, opening a Delay zone will not cause an immediate alarm. Instead, the Abbra will ask you to disarm the system, and beep for a period of time. When this time has ended, an alarm will occur. This time is called the *Entry Delay*. In the Abbra Basic Kit, zone 1 is pre-configured as a Delay zone.

Bypass – If one or more zones are bypassed, then they will be inactive for the next arming period. Disturbing bypassed zones will not trigger an alarm.

Central station – The location to which the Abbra will send alarm signals. When a signal is received at the central station, the operator will take appropriate action, such as calling your home or dispatching your local police.

Chime mode – While the Abbra is disarmed, it may be placed into Chime mode. In Chime mode, disturbing Chime zones will cause the Abbra to either sound a doorbell-like chime, or speak the name of the zone, depending on how you have configured the system. In the Abbra Basic Kit, the two magnetic contact sensors are pre-configured as Chime zones.

Code – A secret four-digit number. There are several kinds of codes used by the Abbra. The *Master User Code*, which is set to **1 1 1 1** by default, may be used to arm and disarm the system, access the full User Settings menu, and create or delete *User Codes*. *User Codes* may be used to arm and disarm the system, and access parts of the User Settings menu. The *Installer Code* is only used for accessing the Abbra's installer mode. For information on installer mode, visit our online help files at www.myabbr.com.

Delay (Entry Delay, Exit Delay) – When the Abbra is armed in any mode, it will take a certain amount of time before the arm

Disarm – “Un-arm” the Abbra. When the Abbra is disarmed, no sensors will be active, unless they have been specially configured as 24-hour zones in installer mode.

Home Mode Arm – When the Abbra is armed in Home mode, the perimeter sensors, doors and windows, will be active, but interior zones, such as motion detectors, will not. This mode is useful for arming the system before you go to sleep at night.

Instant mode arm – When the Abbra is armed in Instant mode, all sensors will be active, and the Entry delay will be eliminated. Disturbing any zone, even a Delay zone, will cause an immediate alarm.

Interior Zone: This type of zone setting is used by any sensor placed within the premises such as a motion sensor, glass break sensor or a door contact on an interior door such as a closet. This sensor is ignored when the Abbra system is armed in the Home mode so that normal activity will be ignored.

- Go to www.myabbra.com and select the Latchkey Notification link.
- Enable this feature so you will be notified when the children arrive home. Select the people and methods you would like to Abbra to notify.
- Now select the Automation link
- Assign each of the Automate fields the appropriate House Code and Unit Code to match the House Code

- and Unit Code you have selected on the XPR
- Select Schedule as the trigger for this scenario and enter the times the outlet will be powered down and when power will be resumed. For this scenario we would select 3:30 PM for the Off time and 5:00 PM as the On time. Now check the days this rule will apply, each of the days from Monday through Friday.

Using Your Abbra

QUICK REFERENCE TO ARMING AND DISARMING

Arming AWAY.....  + [Code]*

Arming AWAY-INSTANT.....  + [Code]* + 

Arming HOME  + [Code]*

Arming HOME-INSTANT  + [Code]* + 

Force Arming AWAY (bypass open zones)....  + [Code]* + 

Force Arming HOME (bypass open zones)....  + [Code]* + 

Disarming and stopping alarms.....  + [Code]

*

The factory default master user code is 1 1 1 1.

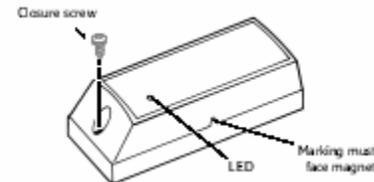
- You can also use your keychain remote control transmitter remote control to arm and disarm the system.
- Pressing the Lock button will arm the system in Away mode.
- Pressing the Home button will arm the system in Home mode.
- Pressing the Unlock button followed by your code will disarm the system.
- Pressing the * button will cause the Abbra to announce whether or not it can currently be armed.

Step 3 – Installing the Wireless Sensors

There are two types of sensors provided, the Magnetic Contact for doors or windows and the Movement Sensor which are wall mounted, either on a flat surface or in corners.

Installing the Magnetic Contact

- 1 Activate the battery by removing the transmitter cover, using a screwdriver. Remove the red tag from the battery and check that the LED flashes. Replace the cover and tighten the screw.



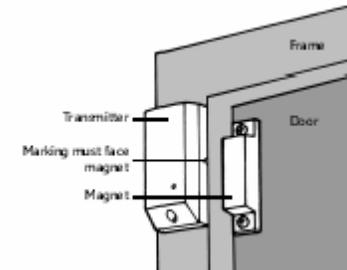
- 2 Install the Magnetic Contact on a door or window. Attach the transmitter to the frame and the magnet to the door or window, ensuring that the ^ marking faces the magnet, and the two parts are no more than 1/4 inch (0.25") apart when closed.

The Magnetic Contact is pre-programmed as FRONT DOOR and it has an ENTRY DELAY. This means you will have 45 seconds to switch the system off before the siren sounds. You can change both these settings later if you desire, particularly if you wish to use on a window.

- 3 **Quick and easy press and stick mount:** You can install the Magnetic Contact by fixing with adhesive tape to the back of the contact and the magnet and pressing into place or by screwing to the mounting surface. Note that the adhesive tape is very strong. The bond will strengthen over time and set completely after 72 hours. To attach with screws, you must open the Magnetic Contact and gently lever out the

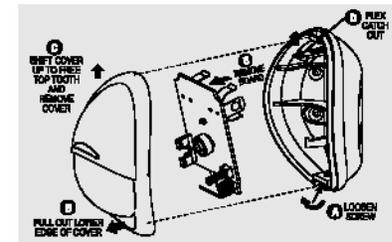
circuit board. Use the casing to mark the drill holes. Insert wall plugs and screw case to wall.

Replace circuit board and transmitter cover. If you have an uneven surface which prevents the transmitter and the magnet from aligning correctly e.g. PVC doors or windows, you may wish to use the spacers provided. Please refer to the main User Guide for more information.



Installing the Motion Sensor

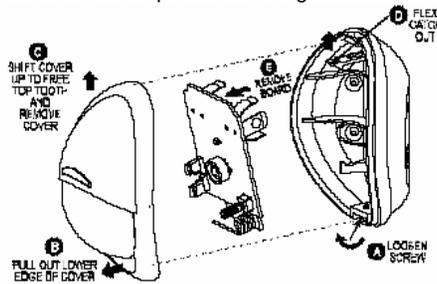
- 1 Activate the battery by removing the front cover of the sensor, using a screwdriver. Remove the red tag from the battery and check that the LED flashes. Replace the cover and tighten the screw.



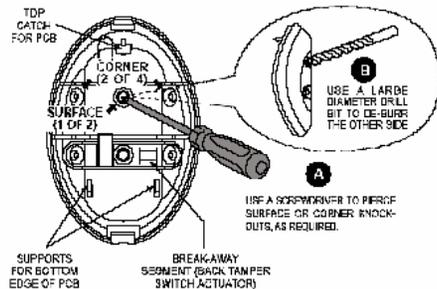
- 2 Install each Motion Sensor on a solid interior surface only, between a height of 1.8m (6') and 2.4m (8'). Do not point at sources of heat, expose to drafts, or place in direct sunlight. The Motion Sensor is pre-programmed as LIVING ROOM and has the HOME & AWAY response type. This means that as soon as any activity is sensed when

your system is activated in the AWAY mode, an alert will be triggered and the siren will sound. You can change both these settings later if you desire.

3 Quick and easy press and stick mount: You can install Movement Detectors either by fixing with adhesive tape or by screwing to the mounting surface. Note that the adhesive tape is very strong. Simply peel the tape and press on the device, then press in place at the location of your choice. The bond will strengthen over time, and set completely after 72 hours. To attach with screws, you must open the Motion Sensor and remove the circuit board. Remove the circuit board by gently flexing the catch at the top of the board out towards the top of the housing.



Use the casing to mark the drill holes. Insert wall mollies and screw case to wall. Replace circuit board and cover.

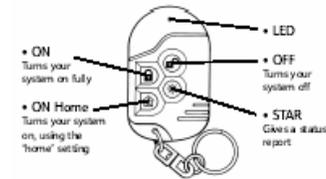


Attention! Lean the rear part of the break-away segment against a piece of wood while preparing its knockouts.

Installing the Keychain Remote Control

1 The Keychain Remote Control is supplied with the battery already installed and is pre-programmed as USER 1.

2 Press the STAR button. Check that the Keychain Remote Control LED flashes and that the Control Panel gives an audible confirmation.



Press ON and ON Home together to send an Emergency alert.

Step 4 – Registering For Your Monitoring Account

Once the Control Panel and sensors are installed at home, you are ready to link your Abbra system to the monitoring service. In order to get your account up and running, you will need to register.

Go To www.myabbr.com

- i. Click on the REGISTER button in the box called 'I am a new customer'.
 - ii. You will need to input the following details:
 - _ The serial number of your Abbra Home Control unit. This can be found on your Control Panel. No spaces are necessary.
 - _ Where you purchased your Abbra system
 - _ Title, First Name, Last Name.
 - _ A valid and secure email address. Your temporary password will be sent here.
 - _ Home and Mobile telephone numbers.
 - _ Address, City, County, State, Zip Code.
- Once this information is submitted you will be asked to verify your email address and your temporary password will be sent to you shortly.

MEMORY (activated when an alarm has occurred and the system is still armed, turned off disarming and rearming Abbra).

DELAY (during exit / entry delays).

BY KEYCHAIN REMOTE (upon pressing the * button).

BY ZONES (by triggering any of 3 zones).

TOGGLE the PGM output will be turned on upon event occurrence in these zones and will be turned off upon next event occurrence, alternately.

SCHEDULE select the time and specific days you would like this trigger to turn the lights on and off.

With the Abbra Home Control system, you can choose on/off groups of appliances at certain hours during certain days according to your needs. For example, during working days you can create the following setting:

Automate 1 will turn off lights and heaters when every body has left home at 9.30

Automate 2 will switch on the heaters at 5.30 pm, just before the kids return

Automate 3 will switch on the washing machine at 2.00 am on Monday and Friday

Scenario 2 The Active Family

The Rogers family, a family of four, and both mom and dad work outside the home. Both children arrive home from school on the bus around 3:30PM; a full two and a half hours before either mom or dad get home from work.

With Abbra the anxiety of wondering if the children arrived home safely and once home are tending to their home work is eliminated.

- Thanks to Abbra, the Rogers children arrive home at 3:43PM.

- They enter a secure and safe home by turning the Abbra system off with their Keychain Remote Control.
- Abbra immediately notifies Mr. and Mrs. Rogers that the children are home safe and secure by sending an email to Mrs. Rogers work email address and text message to Mr. Rogers cell phone.
- The electrical outlet that powers the TV set and the computer is powered off so the children will not be distracted while they are doing their homework
- Mr. Rogers calls home to speak with the children, but the children have been instructed not to answer the phone when an adult is not home so he uses his code to activate the long range speakerphone in the Abbra system and has a conversation with the children without either having to pick up a phone.

To realize this application, you need:

- Keychain Remote Control (Qty: 1 for each child). Each keychain Remote Control identifies which child turned the Abbra system off upon arriving home.

NOTE: The children's Keychain Remote Controls will have to be recognized by the Abbra control panel and placed in available slots 5 through 8.

- XPR X10 Duplex Receptacle (Qty: 1 for each electrical outlet) The X10 Duplex Receptacle can be controlled by the Abbra system so that any appliance plugged into it will not receive power when the receptacle is powered down by the Abbra system.

NOTE: IF all of the XPR outlets will be powered down at the same time assign them all the same Unit Code.

5. Lights can turn on and off according to a predetermined schedule to make your home look occupied while away on vacation.

6. Turn lights on or off while away from your home using your cell phone.

With the addition of X10 lamp modules, appliance modules, electrical outlets and light switches you will be able to control most of the day to day events from the convenience of your cell phone.

A day in the life of an Abbra customer....

Scenario 1 The Morning Rush

Each working day, it was always the same process to be ready for work: Bill turned on the lamp next to his bed, opened the bedroom drapes, switched on the bathroom lights and turned on the heat lamp so it would be comfortable after he took his morning shower, then went to the kitchen for breakfast. One day, Bill discovered a wonderful way to get rid of these redundant tasks, easily and reliably: the Abbra Home control system

Thanks to Abbra, Bill could set all these actions just as he needed:

- at 6.55 am, the alarm rings,
- 5 minutes later, the bathroom heat lamp is switched on, as well as the lights in his bedroom, in the kitchen, in the bathroom, and the drapes open.
- 10 minutes after leaving for work, the heat lamp and all the lights are turned off automatically.

Now Bill's "waking up" is more peaceful. Thanks to Abbra, he even gets to lay in bed 10 minutes longer.

Taking advantage of off-peak hours electricity is quite difficult in our busy lives, because the lowest rate always applies during unpractical periods of time at night, when the whole family is sleeping.

Avoiding energy waste is also a hard discipline; all the members of the family must remember to turn off certain electric appliances and lights before leaving a room for a long period!

Thanks to Abbra, a lot of domestic tasks are automatically realized when the energy cost is at its lowest. No need to remember, as Abbra will remember for you!

To realize this application, you need:

- PAM01 Appliance module (Qty: several units) - Plug all the electrical appliances you wish to control by setting, in an appliance module. Give each PAM01 the same House Code (i.e. A) and a specific Unit Code (1 - 16)
- PLM03 Lamp module (Qty: several units) - Plug all the table lamps you wish to control by setting in a lamp module. Give each PLM03 the same House Code (i.e. A) and a specific Unit Code (1 - 16)
- *NOTE: All lights that are turning on and off in unison can have the same Unit Code.*
- Go to www.myabbracom and select the Automation link.
- Assign each of the Automate fields the appropriate House Code and Unit Code to match the House Code and Unit Code you have selected on the PAM01 and PLM03.
- Assign each Trigger field the trigger that will cause the light to turn on or off. This can be activation by passing in front of a motion detector, opening a door, by a schedule or by an event such as arming the system.

Trigger Options

ARM AWAY (upon AWAY arming).

ARM HOME (upon HOME arming).

DISARM (upon disarming).

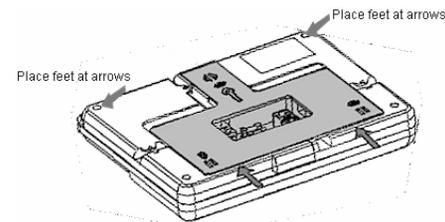
Once you have received your temporary password for your online account, you can return and set up your personal details.

On the email detailing your password, click the URL link which will take you to: www.myabbracom

Enter your log in name – this is the email address you used to Register along with the temporary password provided by NextAlarm. You will immediately be prompted to change your password to something more memorable to you. You will also be asked to pick a security question, in case you ever forget your password. Continue with the account set up by confirming your personal details and the details of your Abbra system sensors. Ensure all details are correct. You will now be given a X-digit Account Number. Take a note of this number. It will also be emailed to you for your records.

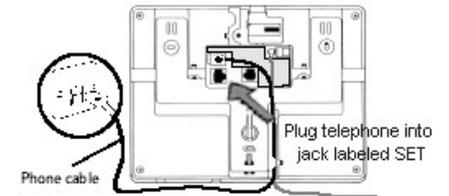
Step 5 – Completing the Control Panel Installation

- 1 Easy Tabletop Placement:** To Attach the Abbra Tabletop Feet turn your Abbra control panel over so you are looking at the back of the unit. The connector section should be at the top. Affix the self adhesive rubber feet to the base of the unit in each corner of the control panel.



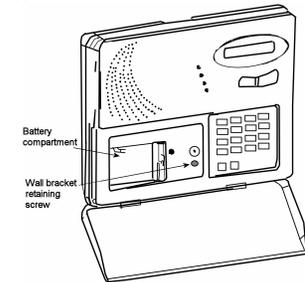
- 2** Take the Phone Cable and insert into the jack labeled LINE on the back of the

Control Panel. If a phone occupied the wall jack prior to plugging in the Abbra, insert the telephone cable into the jack labeled SET on the back of the Control Panel

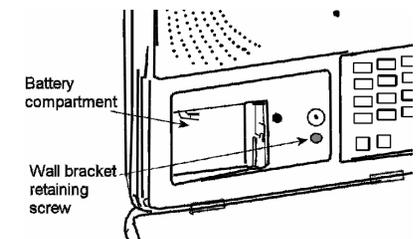


Optional Wall Mounting Your Abbra

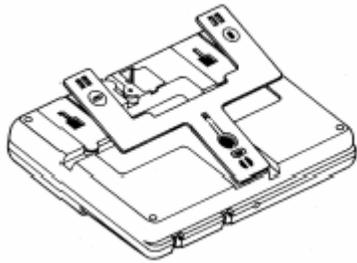
- 1** Gently release and remove the battery cover.



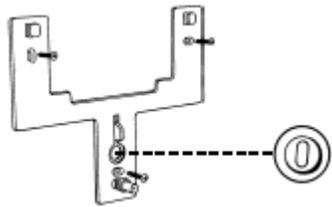
- 2** Remove the screw which holds the bracket in place.



- 3** Remove the wall mounting bracket from the back of the Control Panel.



4 Using the bracket as a guide, mark the mounting surface with the three drilling holes. The large circle in the bracket is for the tamper retainer washer which is a fourth hole that needs to be marked (using the tamper retainer washer will ensure that if there is an attempt to force your Control Panel off the wall a tamper alarm will be occur)



Step 6 – Testing Your System

Make sure all your windows and doors are closed and sensors are undisturbed. The Control Panel screen should display READY. If it does not, please consult the troubleshooting section of the main User Guide.

To test your sensors, follow these instructions:

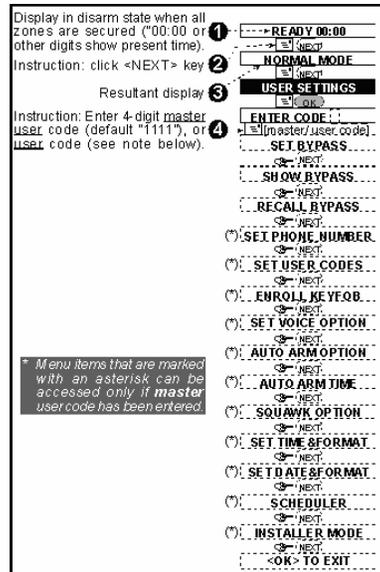
- Be sure that your account with NextAlarm is in the test mode. You can place your account in the test mode by logging into your account at the www.myabbra.com website.

- Activate your Abbra system by pressing the ON AWAY button on your Keychain Remote Control.
- Wait for the Exit Delay countdown beeping to end.

- Now open a door or window and allow the emergency sounder to trigger. *NOTE: If the door you have opened is your main entry door that has an Entry Delay, you will have to wait for the Entry Delay to expire before the emergency sounder will trigger.*

User Settings

Now that you have installed your Abbra security system, you should program in a few settings to best suit your needs, and then you can begin using it.



Open the Abbra's front door, exposing the keypad. The part of the Abbra we will be using next, the User Settings mode, is operated through a system of menus. The buttons on the keypad are used to navigate through these menus. To the right is a list of all items on the User Settings menu.

- **<Next Item>** button is used to move to the next item on a menu.
- **<View/Select>** button is used to select the current item, and also to confirm the contents of an item if you have entered new settings.
- **<Back>** button is used to move back to the previous item on a menu.
- **<Home>** button is used to exit from a selected item to the previous menu.
- **<Away>** button is used to exit the current mode entirely, and return the Abbra back to its normal operating mode.

Press **<Next Item>** until **User Settings** is displayed on the LCD screen, and then press **<View/Select>**. The Abbra will now speak "Please Enter Code", and a flashing cursor will appear on the screen. The Abbra is asking you to enter in your Master User Code, which you will be choosing soon. Right now, it is set to 1 1 1 1, so type that in, and the Abbra will beep several times and display **Set Bypass**, the first item on the User Settings menu. Press **<Next Item>** until **Set User Codes** is displayed, then press **<View/Select>**.

The screen will now display **User Code 1**. This is the Master User Code, and since 1 1 1 1, is not very secure, the first thing you should do is change it to a new

Automation Control

Your Abbra system is equipped with the X10 home automation platform. With the addition of the X10 Interface PSC04 which plugs directly into the back of your Abbra control panel in the X10 jack, you're on your way to making your home the smart home of the future.

Examples of how your Abbra system can make your life simpler

Automatic lighting control can greatly improve security, economy and convenience in your home. When areas are unoccupied, you can have Abbra switch lights on and off automatically when people enter an area and off when they exit. In areas of the home there are both convenience and safety features in having automatic lighting. For example a sleepy child or an elderly person might stumble on unlit

number. Press **<View/Select>**. Now you should think of a new Master User Code. The code needs to be four digits, and, like your bank PIN number, should be one that is not easy to guess. Type in the new Master User Code, then press **<View/Select>** twice. You need to press it twice because you have changed the contents of this menu item. The screen will now display **User Code 1** again. You can either press **<Next Item>** to move to **User Code 2** and set it in the same way, or you can press **<Home>** to move back to the User Settings main menu. You can also press **<Away>** then **<View/Select>** to exit the User Settings mode entirely.

At this point, the Abbra is ready to use. If you like, you can use the User Settings menu to do other things, such as bypass zones, set the Abbra's internal clock, or add new keychain remote control transmitters, using the **<Next Item>** and **<View/Select>** keys just like you did to set the user codes. You can use your new Master User Code to access this menu any time the Abbra is disarmed.

stairs. Coming home to a well lit house can greatly enhance security and safety.

1. As you come close to a motion detector, it switches on a light to guide you safely.
2. Lights will also go on if you open a door.
3. In a large building a whole area will light up if someone comes in.
4. If no one is in the area for a time, the lights will go off to save money.