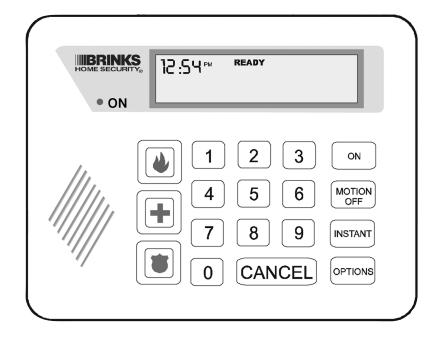
User's Manual

for the Brinks Home Security System by InGrid®



Model # BHS i 100

UDZZ01250ZZ(0)
PRINTED IN CHINA.



SAVE THESE INSTRUCTIONS!

Place the following message in the "Important Notices" Section at the end of the manual. Note: please include the "recycle symbol" found below adjacent to the text.

Rechargeable Nickel-Metal-Hydride Batteries Must Be Recycled or Disposed of Properly

> NI-MH 2004K

Brink's Home Security is a Registered Trademark of the Brink's Network, Inc. InGrid is a Trademark of InGrid, Inc. All other trademarks in this manual are the properties of their respective owners.

Rechargeable Nickel-Metal-Hydride Battery Warning

- This equipment contains a rechargeable Nickel-Metal-Hydride battery.
- Nickel is a chemical known to state of California to cause cancer.
- The rechargeable Nickel-Metal-Hydride battery contained in this equipment may explode if disposed of in a fire.
- Do not short-circuit the battery.
- Do not charge the rechargeable Nickel-Metal-Hydride battery used in this equipment in any charger other than the one designed to charge this battery as specified in the owner's manual. Using another charger may damage the battery or cause the battery to explode.

Additional Battery Safety Precautions

Caution! To reduce the risk of fire or injury to persons by the battery, read and follow these instructions:

- 1. Use only the Uniden battery pack specified in the owner's manual.
- Do not dispose of the battery pack in a fire. The cell may explode. Check the Nickel Metal Hydride battery disposal package insert for disposal instructions.
- Do not open or mutilate the battery pack. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
- Exercise care in handling the battery in order not to short the battery with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause burns.
- Charge the battery pack provided with or identified for use with this product only in accordance with the instructions and limitations specified in the owners manual provided for this product.
- 6. Observe proper polarity orientation between the battery pack and battery charger.

Consumer Information

FCC Notices

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Part 15 Class B

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If interference generated by this unit is suspected, call Brink's Customer Care at 1-800-445-0872.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- · Re-orient the radio/television antenna;
- Move the television or receiver away from the unit.
- Plug the unit and the TV/radio receiver into different outlets, i.e. not on the same circuit breaker.
- Contact Brinks Home Security or an experienced TV/Radio technician for additional suggestions.
- Review additional instructions on www.mybrinks.com.

Part Number SE 430; FCC ID: S9PSE430 Part Number BK 410; FCC ID: S9PBK410 Part Number IS440; FCC ID: S9PIS440 Part Number BS450; FCC ID: S9PBS450

ACTA Part 68

This equipment complies with Part 68 of the FCC rules and requirements adopted by the ACTA.

On the outside of this equipment is a label that contains, among other information, a product identifier in the format US:AAEQ##TXXXX. If requested, this number must be provided to the telephone company

The REN (Ringer Equivalence Number) is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format US:AAAEQ##TXXXX. The digits represented by ## are the REN without a decimal point (e.g. 03 is a REN of 0.3). For earlier products, the REN is separately shown on the label.

Part Number SE 430; ACTA Registration Number: US:S9PAL01BSE430

This equipment is designated to be connected to the telephone network or premises wiring using a compatible modular jack (RJ31X) which is part 68 compliant.

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

If this equipment (Model BHS i-100) causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens, the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.

If trouble is experienced with this equipment (Model BHS i-100), for repair or warranty information, please contact Brinks Home Security Customer Care at (800) 445-0872 or visit www.mybrinks.com and select the Frequently Asked Questions link. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

Connection to party line service is subject to tariffs. Contact the state public utility commission, public service commission or corporation commission for information. This equipment must not be used on party lines.

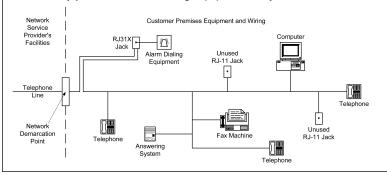
This equipment is hearing aid compatible.

Caution

To ensure proper operation, this equipment must be installed according to the installation instructions. To verify that the equipment is operating properly and can successfully report an alarm, this equipment must be tested immediately after installation, and periodically thereafter, according to the enclosed test instructions.

Caution

In order for "alarm dialing equipment" to be able to seize the phone line to report an alarm or other event when other customer equipment (telephone, answering system, computer modem, etc.) connected to the same line is in use, "alarm dialing equipment" must be connected to a properly installed RJ31X jack. The RJ31X jack must be connected in series with, and ahead of, all other equipment attached to the same phone line. Series installation of an RJ31X jack is depicted in the figure below. If you have any questions concerning these instructions, you should consult your telephone company or a qualified installer about installing the necessary jack and alarm dialing equipment for you.



Alarm Permits

Your local municipality may require you to obtain an alarm permit before you can operate the Brink's Home Security system. Please contact your city or county police department to determine the requirements in your area. For more information, visit www.mybrinks.com.

Additional Questions?

If you have other questions about the system, please contact Customer Care at 1-800-445-0872 or write:

Brink's Home Security Customer Care Department 8880 Ester Boulevard Irving, TX 75063 www.mybrinks.com

Warranty Information

This manual does not create any additional expressed or implied warranties.

Important Notices

UL Information

This system is capable of providing either Grade A or Grade B service for residential burglary. If configured to Grade B, performance of a weekly test as indicated in this manual is necessary. Contact Brink's for more details on your particular installation. Accessories which do not bear the UL mark have not been investigated with this system by Underwriter's Laboratories, Inc.

DSL service

If you convert your telephone line to a high-speed data format (such as DSL), it could affect the ability of the security system to transmit signals to the Brink's Monitoring Center. If you have switched to such a service, you should immediately conduct the Siren and Transmission Test described on page 25. If the test is not successful, call Brink's Customer Care at 1-800-445-0872. Brink's may need to install a filter provided by *your* DSL company to restore communication. However, because of the nature of DSL service you should be aware that, even with this filter installed, the system will not be able to communicate with the Brink's Monitoring Center any time that your telephone is in use or off the hook. For more information, visit *www.mybrinks.com*.

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6. What taxes do I have to pay?

Taxes vary from region to region. Most states require the collection of a sales tax on the equipment you purchase. Some states require an additional service tax on the installation, monitoring, and repair services you receive. Also, unless you own Protective Equipment, Brink's will bill you once a year for the property tax assessed by your local taxing authority. This tax is generally less than \$15.

7. Do I pay for service calls and repairs?

Repair service during the first 90 days is free of charge. After the first 90 days, we charge for labor. If you prefer, you can purchase a service plan from Brink's, to continue to receive free repairs after the first 90 days.

Normal service hours are 8:00 AM to 5:00 PM, Monday through Friday. A premium rate is charged for service calls on weekends, holidays, or after hours.

Repairs and Upgrades

1. Can I make an appointment for a service call?

Our service center schedules service calls for the morning or afternoon of a specific day. Morning service calls occur between 8:00 AM and 12:00 PM. Afternoon calls occur between 12:00 PM and 4:00 PM.

2. Can I have additional equipment installed at a later date?

Yes, additional equipment may be installed. You will be charged for the installation and for the service call. If you choose to have the equipment installed initially, however, you will not be charged for a service call. You can learn more about the wide variety of additional equipment that is available at www.mybrinks.com.

2. What if I move within the initial term of my contract?

You may have the system moved to another residence, provided we service the area and you pay the applicable move charge. The new owner of the home may take over the system by signing a new agreement and paying our current reprogramming fee. This will release your from the remaining contract obligations. If the new owner does not wish to take over the system, and you do not choose to move the system, you will be responsible for the original contractual obligation.

3. Do I own the system?

If you paid the connection fee only, Brink's owns the alarm system. If you paid the additional purchase charge, you own the system. If you purchased the system, your installation work order will show a separate "Purchase Fee" of usually an additional \$500.

4. Will I receive a discount on my insurance for having a security system installed?

Most homeowner's policies offer discounts to policy holders with security systems. Contact your insurance company for more information. The Certificate of Installation that your installer provided can be used to provide proof to your insurance company that the installation took place.

5. How do I receive credit for referring another customer?

If you refer a new customer to Brink's, and that customer has a Brink's Home Security system installed, you will receive one month of monitoring free. Please have the person you referred write your name and telephone number in the space provided at the bottom of their contract. Contact Brink's Customer Care at www.mybrinks.com or call 1-800-445-0872. Your account will be credited within 60 days of the installation date.

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System Testing

Welcome

Thank you for choosing Brinks Home Security. We appreciate you choosing us as your Home Security provider, and are confident you will appreciate the many advanced features and benefits of Brinks Home Security with the innovative InGrid Security technology.

The new InGrid Home Protection technology delivers the ultimate in safety and security like no other system through its unique digital wireless technology. Each keypad and grid extender you now own together creates your own private "grid network" that is almost impossible for burglars to defeat. With no central control box to easily disable, with its ability to work even when your home's power goes out, InGrid offers complete protection when used in conjunction with its advanced window and door sensors.

To get the most out of your new system, please take the time to read this manual. It describes the components of the system, some of the great new features you may not have expected, and tells you how to use the keypad.

What's more, this manual also tells you what to do in the event of an alarm.

Please be sure to read your Customer Emergency Information Schedule so that you will have a clear understanding of Brink's procedures if you should have an alarm.

Need questions answered? Visit *www.mybrinks.com* or call Brinks' round-the-clock Customer Care at 1-800-445-0872. We look forward to providing you with unprecedented service, security and ease of mind.



Emergency Contacts

1. Who should I list as an emergency contact?

You should list people who live fairly close to you and who usually know where you are and how to contact you. Ideally, at least one of your contacts should have keys to your house and permission to authorize service in your absence. You can change your list of emergency contacts by logging on to the Update My Alarm Contacts List at www.mybrinks.com or by calling Brink's Customer Care at 1-800-445-0872.

2. What should I tell my emergency contacts?

First of all, be sure to tell them that they are one of your emergency contacts. Tell them that, after the emergency agencies are notified, Brink's may attempt to reach them when there is an alarm at your house. Discuss what action you would like them to take if this happens. You should also tell your emergency contacts if they have your permission to authorize service of the system in your absence.

On occasion, representatives of an emergency agency may ask your emergency contact to meet them at the house with the house keys. Emergency contacts, however, should **never** attempt to investigate an alarm independent of the authorities.

3. How do I change my emergency contacts?

Log on to the Update My Alarm Contacts List at www.mybrinks.com or call Brink's Customer Care. Be prepared to give your code word and provide the updated information.

Financial Questions

1. Who pays false alarms fines?

Because the vast majority of false alarms are outside of Brink's control, we require you to be responsible for all of your false alarm fines.

4. If I go away on vacation, should I give my master code to my neighbor who takes care of the house?

It is best not to give out your master code or code word. Instead, you can program an auxiliary code for your neighbor to use. See the instructions on page 23. You can also add an auxiliary code word by calling Brink's Customer Care at 1-800-445-0872. Be sure to give your emergency contact(s) a telephone number where you can be reached while you are away.

Alarms and Emergencies

1. If there is an alarm, does the system reset?

Yes, as long as there are no additional alarms after the system stops sounding. The system resets itself approximately five minutes later. However, if a fire alarm is activated, the siren will sound continuously until you enter your user code.

2. What happens if my telephone line is cut?

If you purchased the optional Line Cut feature, the siren sounds or the keypad beeps within about a minute of the time the line was cut. The system can still sound an audible alarm but the Monitoring Center will not receive an alarm signal until the line is restored.

3. If the power goes out at my house, will my alarm system still work?

Yes. Each keypad and grid extender has a battery that can provide back-up power for up to 24 hours. Once the electrical power to your home is restored, the batteries recharge automatically. Like all batteries, these will eventually need to be replaced. The keypad will alert you with the "low batt" indictor. To replace a battery refer to page 33 for the grid extender or keypad. For the window or door sensors, call Brink's Customer Care at 1-800-445-0872 to schedule a service call. If you purchased an extended service plan, there will be no charge for this service.

How to Avoid False Alarms

Numerous false alarms can affect the quality of your monitoring service. They can also result in fines from your local municipality. To avoid false alarms, follow these simple tips:

- Be sure that everyone in your house knows how to use the alarm system. Everyone should know a user code and the code word. You can use the interactive keypad at www.mybrinks.com to practice turning the system on and off without causing an alarm.
- If you cause an alarm accidentally, cancel it by entering your user code and pressing the CANCEL key. (See page 18.)
- Test the system every week, following the instructions beginning on page 25. If you discover any problems, promptly notify Brink's Customer Care at 1-800-445-0872.
- 4. If there was an alarm on the system, and you do not know why it happened, contact Brink's Customer Care immediately. You may also review the system's alarm history at www.mybrinks.com.
- 5. If you are going to do any kind of work at your home that will create a large amount of dust, (such as fumigation), completely cover the system's motion detectors and smoke/heat detectors. Be sure to remove the covers when you are finished.
- 6. If you know that the motion detector is causing false alarms, you can still turn the system on, while the motion detector is turned off. See the instructions on page 14 (Turning the System On with Motions Turned Off Mode). Promptly notify Brink's Customer Care to correct the problem.
- 7. If you get an indoor pet after the system is installed, contact Brink's Customer Care. The system's motion detector may need to be adjusted so that your pet does not cause a false alarm.
- Motion detectors can detect the movement of balloons, plants, curtains, and other common household objects. Be sure that air currents cannot move these items into the area covered by the motion detector.

- Notify Brink's before you sell or rent out your home, so that we can teach the new residents how to use the system. Visit our website at www.mybrinks.com to get more information about our Customer Move Program.
- Take care when cooking or lighting a fire in the fireplace. Excessive smoke from these activities can cause false alarms.

The Brinks Home Security System by InGrid®

Standard Equipment



Keypad

The easy-to-use keypad is mounted on the wall, near an entry/exit door. You may have more than one keypad in your home. You can use it to turn the system on and off, and to change other system options.

The keypad has a built-in siren. When an alarm occurs, the siren sounds a warning, designed to frighten off intruders. The siren may also sound when you use some of the system's special features. Your system may also have an auxiliary siren. For more information on the auxiliary siren, see page 7.

You can also use the keypad's emergency panic buttons to signal a fire, medical, or police emergency.

The keypad also contains a battery that allows the system to continue to function, even if the power in your home goes out.

(See page 8 for more information or review the Keypad Functions information at *www.mybrinks.com.*)

5. What happens if I add DSL (digital subscriber line) service to my home?

Converting your telephone line to a high-speed data format like DSL can affect the ability of the system to report alarm conditions to the Brink's Monitoring Center. See page 47 for more information.

Codes and Code Words

1. Can my master code number be changed?

Yes. Notify Brink's Customer Care at 1-800-445-0872 to set up the change. Customer Care is ready to help you 24 hours a day, seven days a week. A service charge will be assessed for this request.

2. How do I change my master code word?

The same person who signed the Protective Service Agreement must send a written request to Brink's before the master code word can be changed. The written request must identify the account, the current master code word, the new master code word, and the writer's signature. The request should be mailed to: Brink's Home Security, Customer Care Department, 8880 Ester Boulevard, Irving, TX 75063.

If there is an immediate need to change your master code word, call Brink's Customer Care to obtain Brink's fax number.

3. I'm planning to go away on vacation. Should I notify Brink's of my plans?

Yes. You can do this by filling out the My Vacation Notes form at www.mybrinks.com or by calling Customer Care at 1-800-445-0872. Brink's will need to know when you plan to leave, and when you will return, as well as who to contact in the case of an emergency. Your emergency contact may be asked to go to the house to secure it, or to meet the police at the house in the event of an emergency. Be sure that this person has a set of house keys, and knows a user code and a code word.

Questions and Answers



General Use of the System

1. How can I avoid false alarms?

Take a look at the tips on page 3. If you have any further questions, call Brink's Customer Care at 1-800-445-0872. Customer Care is available to help you 24 hours a day, seven days a week.

2. Do I need an alarm permit?

Alarm permit ordinances vary from area to area. Please contact your local emergency agencies, or your city or county government to determine if a permit is needed in your area. It is your responsibility to get the permit, pay the fees, and inform Brink's of your permit number.

If you do not have a permit, emergency agencies may choose not to respond to an alarm at your home. In addition, false alarm fines are generally much higher for systems lacking permits.

3. How often should I test the system?

You should test the system once a week. Follow the test instructions beginning on page 25 of this manual.

4. Should I clean the smoke/heat detector?

Yes. Follow the instructions on page 37.



Power Supply

The power supply is plugged into an outlet near the keypad. It provides electrical power to the keypad. This should not be unplugged.

If you should notice that the power supply is unplugged, plug it back in immediately.



Door/ Window Sensors

One sensor is placed in or on the frame and body of each door or window that is protected. If the door or window is opened while the system is on, an alarm sounds. An alarm signal is sent to the Brink's Monitoring Center.



Grid Extender

Depending on the size and configuration of your home, one or more grid extenders will be installed. The grid extender is mounted in an out-of-the-way location — for example, behind a sofa. One grid extender in your home must be connected to a RJ31X. This will be done by your installer.

The grid extender is the backbone of your wireless security network. It communicates with all of the other parts and receives information from the system's sensors and keypad. It also contains a battery that allows the system to operate during a power failure. When an alarm occurs, the grid extender sends a message over the telephone line to the Brink's Monitoring Center.

Should you need to unplug the grid extender, you will notice it is screwed into the wall outlet. To remove the grid extender, simply unscrew and then unplug. To re-attach, plug the grid extender into the outlet and then reaffix the screw to secure the grid extender to the outlet.



Telephone Jack (RJ31X)

This device, located near the grid extender, connects the grid extender to the telephone line in your home. This makes it possible for your security system to send alarm signals over the telephone lines to the Brink's Monitoring Center.

Do not remove the grid extender telephone cable from the jack unless a Brink's representative or this manual instructs you to do so.



Yard Sign and Window Stickers

The highly visible sign and stickers warn potential intruders that your home is protected by a Brink's Home Security system. You will be provided with one sign and several stickers.

Optional Equipment



Smoke/Heat Detector

This device detects smoke and dangerously high temperatures. It is mounted in a central location of the house, on the ceiling.



Motion Detector

This sensor is mounted on the wall, inside your home. The sensor can detect when someone is moving within its field of view. If the system is on at the time a person is detected, the system sends an alarm signal to the Brink's Monitoring Center.



Heat Sensor

This device detects when the temperature near the sensor is dangerously high. It is mounted in a central location of the house, on the ceiling.

- Review the escape plan with everyone who lives in your home and practice escape procedures.
- 3. To increase the time you will have to escape a fire, sleep with your bedroom door closed. If you suspect a fire, touch the door. Do not open the door if it feels hot. If it does not, brace your shoulder against the door and open it slowly. Be ready to slam the door if smoke or heat rush in. Leave the building quickly and call the fire department from a neighbor's telephone, or from your cellular telephone.

In the event of a fire, the best way to ensure the safety of your family is to get the earliest possible warning. This is best achieved by installing fire detection equipment in all rooms and areas of the house. This includes:

- a smoke detector installed outside of each of the bedrooms
- heat or smoke detectors in the living room, dining room, kitchen, hallways, attic, furnace room, closets, utility and storage rooms, basement, and garage.

This equipment should be installed in accordance with the National Fire Protection Association's Standard 72.

For additional information, write:

National Fire Protection Association 1 Battery March Park Quincy, MA 02269

California residents may also write:

California State Fire Marshal 7171 Bowling Drive, Suite 600 Sacramento, CA 95823

Setting the Clock



The numeric display of your keypad may show the time of day. You do not need to set the clock; it adjusts itself automatically every few months.

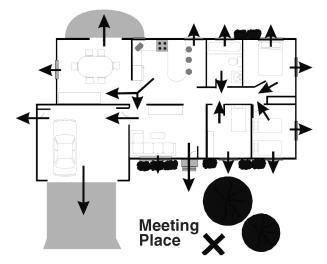
While the system is making this short call, you will not be able to use your telephone.

Emergency Evacuation Plans

An emergency evacuation plan helps to ensure that you and your family escape from your home safely in the event of a fire. Use these guidelines from the National Fire Protection Association to prepare your own emergency evacuation plan.

 Draw up a floor plan of your building, like the one shown. Show any part of the building—the windows, doors, rooftops—that can be used as an escape route.

Find at least two ways to escape from each room. One will be the door leading to the normal exit. Another may be a window that opens easily. If the window is high off the ground, you may need to install an escape ladder nearby. Identify a place outdoors where everyone is to meet after leaving the building.





Glass Breakage Detector This small detector is mounted near any large expanse of glass (windows or doors) in your home. It identifies the sound of breaking glass.



security system. The four buttons on the device can be used to turn the system on and off, and to do other specialized functions, like trigger an emergency alarm.

The key fob is a small remote-control device for the

-D-017770-D-

Key Fob



Auxiliary Siren-Strobe

A siren is built in to your keypad and is a standard feature. This auxiliary siren-strobe is a small box that can be mounted inside your home. When an alarm occurs, the auxiliary siren-strobe sounds a warning, designed to frighten off intruders.

Optional Features



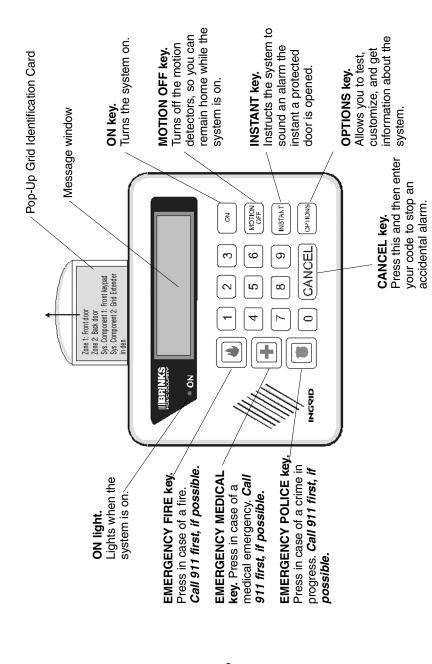
Line Cut

If your telephone line is cut, the optional line cut feature notifies you. If the system is on, the siren sounds. If the system is off, the keypad beeps and displays a trouble message. Because a line cut results in a loss of telephone service, this event is not reported to the Brink's Monitoring Center.

For information about any of these products or services, visit *www.mybrinks.com* or call Brink's Customer Care at 1-800-445-0872. Customer Care is ready to help you 24 hours a day, seven days a week.

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The Parts of the Keypad



Cleaning the Smoke Detector



If you had a smoke/heat detector installed, you should clean it once every three months. You should also clean it if smoke or dust triggers an alarm.

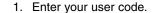
Vacuum the smoke detector vents using a crevice attachment. Do not remove the cover.

Vacuum once every three months

If You Trigger an Alarm while Cleaning the Detector

If the dust from your vacuum cleaner triggers an alarm and the siren sounds, do the following:







2. Press the CANCEL key.



3. Finish vacuuming the detector.



If the keypad is beeping and the message window displays TROUBLE, wait 30 minutes for the system to reset.



- 4. If you wish to silence the keypad's beeping for the next four hours, press the CANCEL key.
- If the detector does not reset after 30 minutes, the message window displays "TROUBLE, CALL 1-800-445-0872" and the keypad beeps. Call Brink's Customer Care at 1-800-445-0872.

Service the Detector Every Two Years

Every two years, you should contact Brink's Customer Care to schedule a visit to service the smoke detector. During this call, Brink's does a more thorough cleaning and testing of the detector.

Zone Trouble Indication

What it means: A trouble on a zone condition would arise if, for example, the smoke detector is dirty or is in need of adjustment. It could also occur if a sensor has a defective part or a broken wire.

What to do:







- To silence the keypad's beeping, press the CANCEL key.
- 2. Wait 30 minutes for the system to reset.
- 3. If the detector has not reset after 30 minutes, the trouble message returns and the keypad beeps. Call Brink's Customer Care at 1-800-445-0872.

Component Failure

One of the system's devices is not operating properly. Call Brink's Customer Care at 1-800-445-0872 for assistance.

Call Brink's Indication

If you receive this trouble message, call Brink's Customer Care at 1-800-445-0872 for assistance.

Siren Failure Indication

The system's siren is not operating properly. Call Brink's Customer Care at 1-800-445-0872 for assistance.

Message Window

The keypad communicates with you by lighting the words and phrases in the message window. The words that make up the message may be on different lines, or separated by other words.

For example, while you are changing an auxiliary user code, you will see the following message window:



The words "ENTER" and "NEW CODE" are lit. This means that you should enter the new user code.

Emergency Keys

If you are home when a police, medical, or fire emergency arises, you can alert the Brink's Monitoring Center of your situation with a single press of an emergency key. The system does not need to be on. (Not all emergency buttons are available to all commercial customers.)

The table shows what purpose each key serves, and what happens when it is pressed. (Depending upon how the system is programmed, you may need to press the emergency key twice within three seconds to signal an emergency alarm.)

Emergency	Press	This happens
Fire		The siren sounds and a signal is sent to the Brink's Monitoring Center. Brink's calls the fire department, and then calls you to verify the alarm. (This procedure may vary in some jurisdictions.)
Medical	+	The keypad beeps and a signal is sent to the Brink's Monitoring Center. Brink's calls you to verify the alarm. If for any reason you do not answer that call, Brink's calls emergency personnel.
Police		The siren sounds and a signal is sent to the Brink's Monitoring Center. Brink's calls you to verify the alarm. If for any reason you do not answer that call, Brink's calls emergency personnel.

CALL 911 FIRST

If your community provides 911 Emergency service, and you are able to reach a telephone during the emergency, Brink's recommends that you call 911 before pressing the emergency key. This gives you the fastest access to emergency services.

If you press an emergency key accidentally, cancel the alarm by pressing the CANCEL key, and entering your user code. (For more information about canceling alarms, see page 18, or review the Reduce False Alarms information at www.mybrinks.com.)

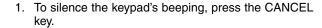
Line Cut Indication (Optional Feature)

What it means: The telephone service to the security system has been interrupted. The system cannot send an alarm signal to the Brink's Monitoring Center.

What you'll notice: Less than one minute after the line cut occurs, the siren sounds or the keypad beeps, depending on whether the system is on or off.

What to do:







If the siren is sounding, silence it by entering your code.



Check your telephone for a dial tone. If there is no telephone service, contact your telephone company.



4. If there is a dial tone, ensure that the system's telephone cable is securely plugged into the telephone jack. If it is not, plug it in.



 If the cable is plugged in, call Brink's Customer Care at 1-800–445-0872. Customer Care is ready to help you 24 hours a day, seven days a week.

Upload/Download Failure

A problem occurred when Brink's attempted to change or read your system's programming over the telephone line. Call Brink's Customer Care at 1-800-445-0872 for assistance.

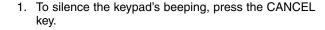
Communication Problem Indication

What it means: The system was unable to send an alarm or test signal to the Brink's Monitoring Center.

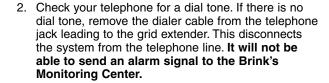
What you'll notice: The keypad beeps four times per minute. The message window displays CP TROUBLE, CALL 800-445-0872.

What to do:

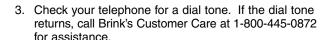




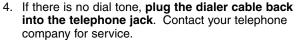












Until the telephone service is repaired, no alarm signals will be sent to Brink's. However, the system should still work within your home. For your protection, it is very important that you resolve this problem quickly.

Using The Grid Extender

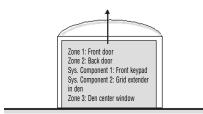


The grid extender is designed to allow you to easily check whether it is operational or not. Press the button in the center to see if the grid extender is in operation. If the indicator light turns on, the grid extender is fully operational. If the grid extender light is flashing, it indicates a low battery or a communications failure. See page 33 to replace the battery.

Using The Keypad

The keypad(s) in your home is designed to be user-friendly. You will soon learn the simple keypad commands which enable you to turn the system on or off, test it or customize it. Follow the illustrations and instructions on the following pages to learn all about your keypad commands.

Grid Identification Card



The Grid Identification Card helps you identify the location of each component in your system. Each component listed will correspond with indicator codes on the keypad.

User Codes

When the system is installed, you select a code number to turn the system on and off. This is your master user code, and it may be three or four digits long. To change this code, contact Brink's Customer Care at 1-800-445-0872.

You can create a separate auxiliary user code for anyone who needs access to your home. See page 22 for more information. You can change or delete the auxiliary code whenever you like.

If you have questions about the system's user codes, visit our website or contact Brink's Customer Care.

Entering and Exiting

Designated Doors

The designated entry/exit doors are those doors that you must use to enter and leave your home while the system is on. These doors may be equipped with the door sensors described on page 5. If you use a different door to enter your home, an alarm may sound.

Entry Delay

When you enter your home while the security system is on, the keypad emits a tone. This tone reminds you to turn the system off. You must enter your user code before the tone stops. In most systems, the entry delay is 40 seconds. If you do not enter your code before the delay ends, an alarm is triggered.

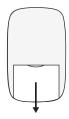
Exit Delay

When you turn the system on in normal mode, you must exit the building and close the door before the exit delay ends. For most systems, the exit delay is 80 seconds. That number may vary, however, if local agency or regulator restrictions apply. Once that delay has ended, you will trigger an alarm if you open a protected door or window, or move past a motion detector.

Note: The length of the system's entry and exit delays can be adjusted (within certain limits). If you find it difficult to enter or exit your home before the delay ends, contact Brink's Customer Care at 1-800-445-0872 to have it changed.

Note: If the system appears to have no power (the keypad does not light or respond to your commands), call Brink's Customer Care at 1-800-445-0872 for assistance.

To replace the battery in the grid extender



Unscrew the grid extender from the wall outlet and unplug the grid extender. Slide open the rear door by sliding down. Unplug the small connector plug that connects the battery pack to the grid extender, and replace with Ingrid battery model IG180, 3.6V.

To replace the battery in the keypad



The screen on the keypad will indicate "LOW BATT". On the side of the keypad you will see a slot that is the side of the door to the battery compartment. Simply place a coin in the slot and turn to pop the door open. Unplug the small connector plug that connects the battery pack to the keypad and replace with battery model IG180, 3.6V.

To replace the battery in a sensor

If the keypad is indicating that a sensor's battery is low, call Brinks Customer Care at 1-800-445-0872 for assistance. The sensor battery cannot be replaced.





- Check the breaker box. If any breakers associated with any room's power outlet in which a keypad or grid extender is plugged into is in the OFF position, move the breaker switch to ON. If this solves the problem, stop. Otherwise, continue to the next step.
- 6. If none of these steps resolve the problem, call Brink's Customer Care at 1-800–445-0872.

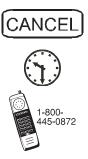
Low Battery Indication

When "LOW BATT" is displayed on the keypad message window, you will need to replace the battery in either the keypads, grid extenders, or sensors. You also may hear a beeping sound. The screen will display the grid Zone number corresponding to the location of the device with a low battery. A sensor is indicated by 2 digits. Other components are 2 digits preceded by a "C". For example, if Zone One has a low sensor battery, the keypad screen will look like this:



What it means: The battery in one of your system components (keypad or grid extender) is low. If there has not been a power outage at your home recently, call Brink's Customer Care at 1-800-445-0872 for assistance. Or you can replace the battery yourself on the keypad. Sensor batteries are not user serviceable. Call Brink's Customer Care for assistance. If there has been a recent power failure, follow the instructions below.

What to do:



- If you wish to silence the keypad's beeping, press the CANCEL key.
- 2. Once power to your home is restored, wait 24 hours for the battery to recharge.
- If the trouble condition returns after 24 hours, the battery is not recharging properly. Call Brink's Customer Care at 1-800-445-0872 for assistance.

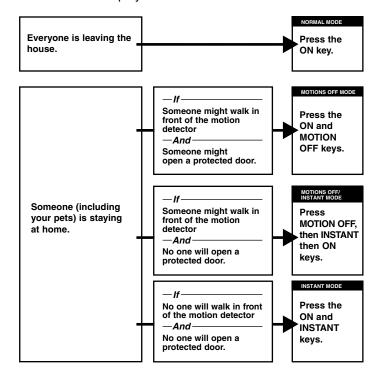
Turning the System On

The Four "On" Modes

You can arm the Brink's Home Security system in four different ways:

- 1) normal mode
- 2) motion off
- 3) motions off with delay doors instant
- 4) delay doors instant

The illustration below helps you choose which mode to use.



Turning the System On in Normal Mode

READY

 Close all of the doors and windows and make sure that the message window displays READY. (If not, see page 16.)

ON

2. Press the ON key.

The ON light begins to blink, telling you that the system is on and that the exit delay has begun. The keypad displays the number of seconds left in the exit delay.



 Exit promptly. You must leave the building before the delay ends. The standard delay is 80 seconds.

If the ON light stops blinking and is steadily lit, the exit delay has ended. If you open a door now, you will cause an alarm. Turn the system off by entering your user code, then start over.

Turning the System On with Motions Turned Off Mode

READY

1. Close all of the doors and windows and make sure that the message window displays READY. (If not, see page 16.)



Press the ON key.



 Press the MOTION OFF key. (You must press the MOTION OFF key no more than 20 seconds after you press the ON key.)

The ON light blinks until the exit delay ends. The keypad displays ON, MOTION OFF.

No AC Power Indication

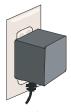
What it means: When "NO AC" is displayed on the keypad's message window, it means the electrical power to the system has been interrupted, and the system is drawing power from one or more of its backup batteries. This can happen if the power is off to your home. It can also happen if one or more of the system components (the keypads or grid extenders) are without electrical power. The batteries can provide power to the system for up to 24 hours.

What to do:

SEE PAGE 33 FOR BATTERY REPLACEMENT FOR THE KEYPAD OR GRID EXTENDER



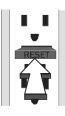
 If you have no power to your home, wait for the electrical power to be restored. Once this happens, the system automatically switches back to its electrical source. The backup batteries recharge for the next 24 hours.



 If you have power to your home, check the power supply to ensure that it is properly plugged in. (See page 5 for more information about the power supply.)
 If this solves the problem, stop. Otherwise, continue to the next step.



 Unplug the power supply. It may be screwed in place; if so, remove the screw. Plug a small appliance into the outlet to verify the outlet is working properly. If it is, continue to the next step.



 Look for a ground-fault circuit interrupter (GFCI) on the outlet, or on a nearby outlet. The GFCI should look similar to the one shown in the picture. If the red reset button juts out from the outlet, push it back into place.

If this solves the problem, stop. Otherwise, continue to the next step.

Trouble Messages

You will get a trouble message if the system loses power, if it cannot reset the smoke detector, or if it cannot contact the monitoring center.

 Observe which of the keypad's icons, numbers or words are displayed, and note any letters that may appear in the numeric display. Match the keypad's message to the table below, then turn to the section listed in the table's second column for further information and instructions.

Message	Trouble Condition	Page
CALL 800-445-0872	Call Brink's Indication	36
CF TROUBLE	Component Failure Indication	36
CP TROUBLE	Communication Problem Indication	34
CS TROUBLE	Siren Failure Indication	36
CH TROUBLE	Upload/Download Failure	35
LINE CUT	Line Cut Indication (optional feature)	35
LOW BATT	Low Battery Indication	32
NO AC	No AC Power Indication	31
TROUBLE Zone # (Beeping)	Zone Trouble Indication	36
TROUBLE OP (Beeping)	Zone Trouble Indication	36

Turning the System On with Motions Turned Off / Instant Mode

READY

 Close all of the doors and windows and make sure that the message window displays READY. (If not, see page 16.)

ON

2. Press the ON key.

MOTION OFF

INSTANT

3. Press the MOTION OFF key.

4. Press the INSTANT key.

The ON light turns on. The keypad displays ON, MOTION OFF, and INSTANT.

Do not leave the building, or open any protected windows without first turning the system off.

Turning the System On in Instant Mode

READY

 Close all of the doors and windows and make sure that the message window displays READY. (If not, see page 16.)



2. Press the ON key.



3. Press the INSTANT key.

The ON light turns on. The keypad displays ALL ON, INSTANT.

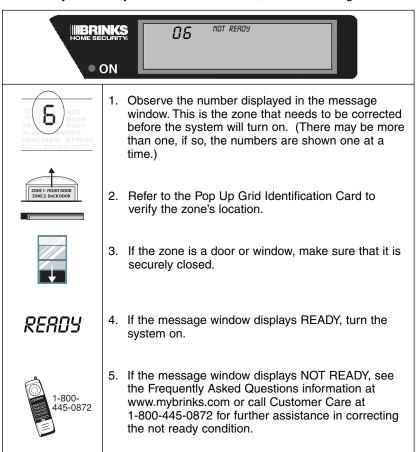
Do not leave the building, open any protected windows, or move in front of the motion detector without first turning the system off.

Turning the System On When It Is Not Ready

If the system is not ready to turn on, the message window of your keypad displays NOT READY. This message could mean, for example, that one of the protected windows in your house is open.

If you press the ON key when the system is not ready to turn on, the keypad sounds an error tone and the system does not turn on.

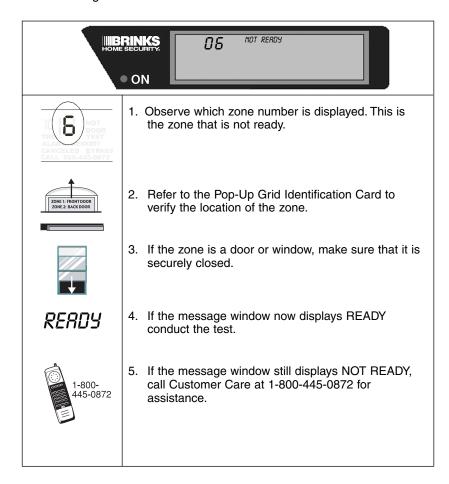
To make the system ready to arm and to turn it on, do the following:



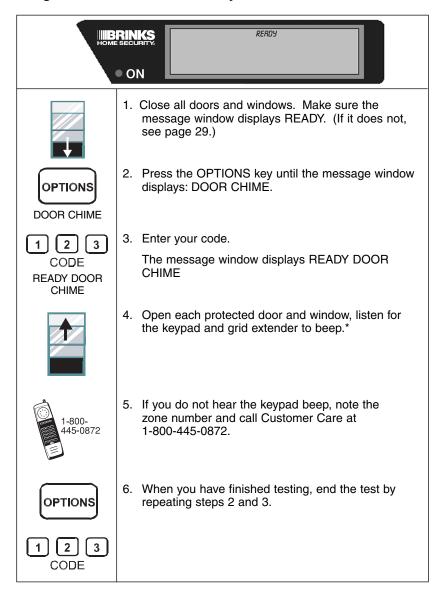
16

Testing With Not Ready Zones

If the system is not ready to test, the message window displays NOT READY. Do the following:



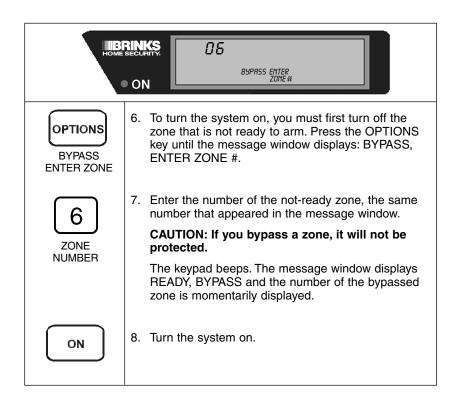
Testing the Doors and Windows Only continued



*Note: The keypad does not beep if the chime feature has been turned off by the installer. Both the keypad and grid extender can be configured by the installer to beep.

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Turning the System On When It Is Not Ready continued



Turning the System Off

Turning the System Off When No Alarms Are In Progress



1. Enter through a designated entry door.

The keypad sounds a tone to remind you to turn the system off. The ON light blinks.

2. Turn the system off by entering your code.

To prevent an alarm, you must enter your code before the entry delay ends. The standard delay is 40 seconds.

Once the system is off, the ON light goes out.

Turning the System Off and Canceling an Alarm

Follow these instructions if you caused an alarm accidentally.





1. Enter through a designated entry door.

The siren is sounding and the ON light blinks. The keypad's message window displays ALARM.

2. Enter your user code.

The keypad beeps. The keypad's message window displays ALARM MEMORY.



Press the CANCEL key. (You must press the CANCEL key within 20 seconds of entering your code.) The keypad beeps.

You will not receive a call from Brink's. The keypad's message window displays ALARM CANCELED.

Note: If you press the CANCEL key before entering your code, the result is the same.

Testing the Smoke Detector

The smoke detector can be tested without sending an alarm signal to Brink's Monitoring Center. Call Brink's Customer Care at 1-800-445-0872 for assistance. Do not attempt to test the smoke detector with heat, flame, or canned smoke. These methods can damage the smoke detector.

Testing the Doors and Windows Only

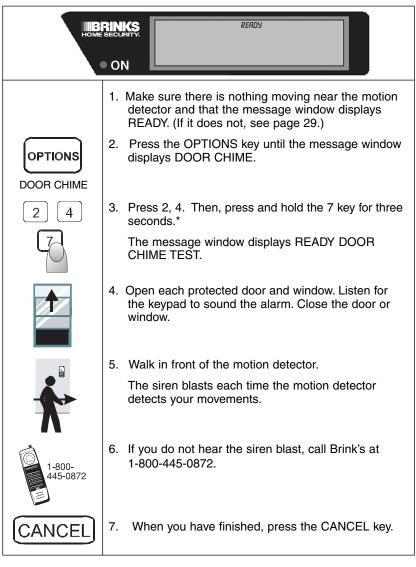
This test identifies whether the sensors on your home's protected doors and windows are operating properly. You may prefer to conduct this test if you find it distracting to hear the siren blast each time you pass the motion detector during the test. *No alarm signals are sent to the Brink's Monitoring Center.*

To test the system's door and window sensors, follow the instructions on the next page. **NOTE:** If the system's chime feature is on, skip steps 2 and 3 of the keypad instructions. When the chime feature is on, the keypad beeps if configured to do so and the grid extender can beep if configured when prompted using the door chime feature if a protected door or window is opened while the system is off.



Testing All Burglary Sensors

This test helps to ensure that the system's burglary sensors are working properly. **No alarm signal is sent to the Brink's Monitoring Center.**

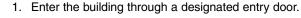


^{*}Note: If the system has four-digit codes, press 2,4,7, then press and hold the 0 key for three seconds.

Turning the System Off Without Canceling an Alarm

Follow these instructions if you wish to turn off the system and report an alarm to Brink's.

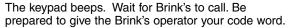




The keypad's message window displays ALARM. The siren is sounding and the ON light is lit.



2. Enter your user code.



Do not use the telephone if you intend to cancel the alarm. If your telephone line is busy, Brink's may dispatch emergency personnel to your home, which could result in a false alarm fine.



What to Do in an Actual Emergency

If the security system is sounding an alarm, and there is an actual emergency in progress, do the following:



 Leave the system on. If the emergency is a fire, quickly notify the building's occupants and safely evacuate the building.



Do not use the telephone, except to call 911. If you
do, Brink's personnel may not be able to contact
you. If you are trying to make a telephone call while
another alarm is triggered, the system will
disconnect your call to send the alarm signal. If this
continues, you may need to turn the system off to
use the telephone.



 If this is a medical or police emergency, wait for Brink's to call. Explain the emergency to the operator. If you do not answer the telephone, Brink's will try to contact the appropriate emergency agency, unless you have given other instructions.

ii

Turning the System Off After an Alarm in Your Absence

Follow these instructions if there was an alarm at your house while you were away and the sirens are no longer sounding.











- 1. Enter the building through a designated entry door.
 - The ON light blinks. The sirens and speakers are silent. The keypad shows the numbers of the zones in alarm and its message window displays ALARM.
- Enter your user code to turn the system off. The keypad beeps repeatedly. The keypad shows the numbers of the zones that were in alarm and displays ALARM MEMORY.
- 3. Refer to the Pop-Up Grid Identification Card to verify the location of the zones that were in alarm.
- To silence the keypad's beeping and clear Alarm Memory, press the CANCEL key.
- If you do not know what caused the alarm, review the system's alarm history at www.mybrinks.com or call Brink's Customer Care at 1-800-445-0872.

System Testing

You can test the components of the system—the sirens, the telephone hookup, and the sensors—without causing a false alarm. This section describes how you can be sure that the system is functioning properly.

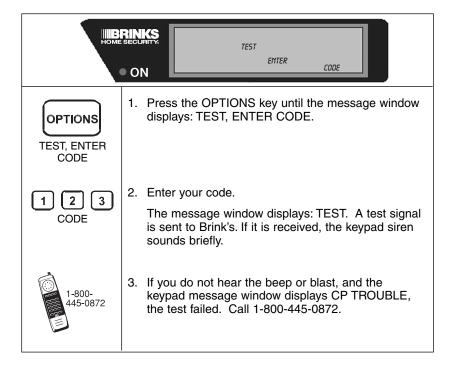
Important Notice: Test Weekly

Your Protective Service Agreement requires you to conduct these tests every week.

Siren and Transmission Test

This test helps to ensure that the system's siren is working properly, and that the system is able to send an alarm signal to the Brink's Monitoring Center. You will not receive a call from Brink's.

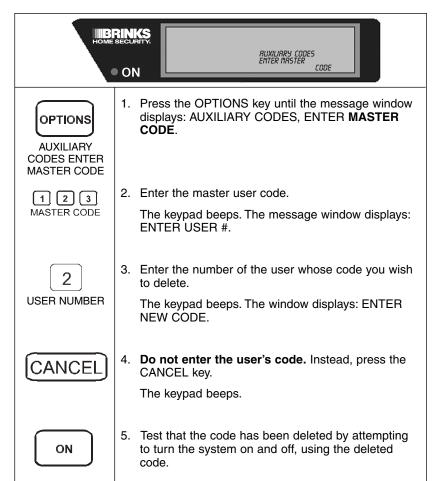
To test the system's siren and transmission, do the following:



ii

How to Delete an Auxiliary Code

If you wish to delete an auxiliary user code, do the following:



System Options

The system has five options:

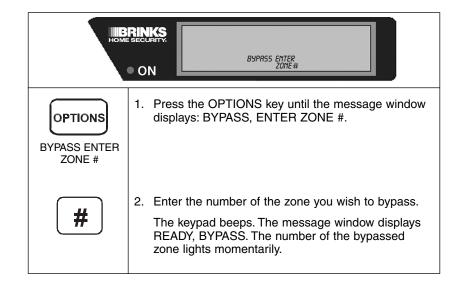
- 1) bypass
- 2) door chime
- 3) auxiliary codes
- 4) alarm memory
- 5) test

This section describes each of these five options.

How to Bypass a Zone

When you bypass a zone, the system ignores it. Use this whenever you want to turn the system on, but leave a particular sensor off. The bypass is automatically canceled when you turn the system off.

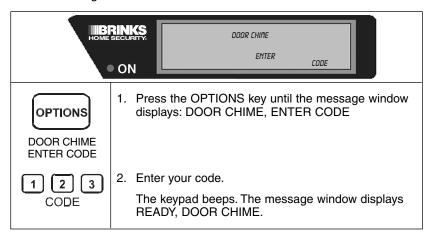
To bypass a zone, do the following:



ii

How to Turn the Door Chime On or Off

When you turn the door chime on, the keypad beeps if a protected door or window is opened while the system is turned off. To turn the chime on or off, do the following:

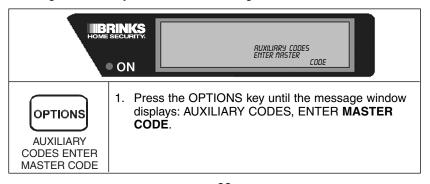


Note: If you turn the door chime on and the keypad does not beep, the chime feature may have been turned off at installation. Call Customer Care for assistance.

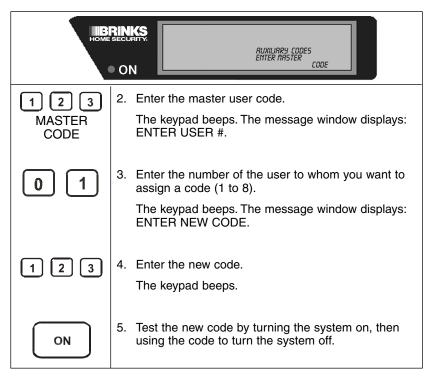
How to Add an Auxiliary Code

You can assign an auxiliary user code to the members of your family, or to people who need temporary access to your home. Housekeepers, guests, and housesitters can all be given auxiliary codes. You can assign as many as 8 codes, but for your security, you should limit the number of auxiliary codes you assign, and delete any codes that are not in use.

To assign an auxiliary code, do the following:

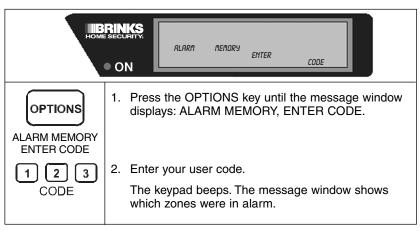


How to Add an Auxiliary Code continued



How to View Alarm Memory

You can use alarm memory to determine which zones were in alarm.



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