

BRINK'S Home Security

BHS-2000B Owner's Manual

Consumer Information

Note: In order to comply with U.L. and local ordinances, such items as exit, entry, and zone number of the fire zone may differ from that described in the manual. This system may be configured as a grade A or grade B system. Brinks will inform you of these changes and configurations regarding the system.

The Federal Communication Commission (FCC) requires the following information be provided for all computing devices:

This equipment complies with Part 68 of the FCC rules. The hook-up label of this equipment contains, among other information, the FCC Registration Number and Ringer Equivalence Number (REN) for this equipment. You must, upon request, provide this information to your telephone company.

The REN is useful to determine the quantity of devices you may connect to your telephone line and still have all of those devices ring when your telephone number is called. In most, but not all areas, the sum of the REN's of all devices connected to one line should not exceed five (5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, you should contact your local telephone company to determine the maximum REN for your calling area.

If your telephone equipment causes harm to the telephone network, the Telephone Company may discontinue your service temporarily. If possible, they will notify you in advance, but if advance notice is not practical, you will be notified as soon as possible. You will be informed of your right to file a complaint with the FCC.

Your telephone company may make changes in its facilities, equipment, operations or procedures that could affect the proper functioning of your equipment. If they do, you will be notified in advance to give you an opportunity to maintain uninterrupted telephone service.

If you experience trouble with this telephone equipment, please contact Brink's Home Security Customer Service at 1-800-445-0872 for information on obtaining service or repairs. The telephone company may ask that you disconnect this equipment from the network until the problem has been corrected or until you are sure that the equipment is not malfunctioning.

Except for the telephone company provided ringer, all connections to the telephone network shall be made through standard plugs and telephone company provided jacks, or equivalent, in such a manner as to allow for easy, immediate disconnection of the terminal equipment. Standard jacks shall be so arranged that, if the plug connected thereto is withdrawn, no interference to the operation of the equipment at the customer's premises which remains connected to the telephone network shall occur by reason of such withdrawal.

This equipment may not be used on coin service provided by the telephone company. Connection to party lines is subject to state tariffs.

INSTALLATION: The device is equipped with a USOC RJ31X connector.

This product has been tested on a sample basis and found to comply with the limits for Class B digital device, pursuant to Part 15 of FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. There is, however, no guarantee that interference will not occur in a particular installation. If interference generated by this unit is suspected, call Brink's Customer Service at 1-800-445-0872. If it is found that this equipment does cause unacceptable interference to television reception, the following steps can be taken to reduce and/or eliminate the problem.

1. Reorient or relocate the receiving antenna.
2. Move the television or receiver away from the unit.
3. Plug the unit and the TV/radio receiver into different outlets, i.e. not on the same circuit breaker.
4. Move the antenna leads away from any wire runs for unit.
5. If necessary, you should contact Brinks Home Security or an experienced TV/Radio technician for additional suggestions.

NOTICE: The Canadian Department of communications label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational and safety requirements. The Department does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be

connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. In some cases, the company's inside wiring associated with a single line individual service may be extended by means of certified connector assembly (telephone extension cord). The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be made by an authorized Canadian Maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connection of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

Caution: Users should not attempt to make such connections themselves, but should contact the appropriate electrical inspection authority, or electrician, as appropriate.

The Load Number (LN) assigned to each terminal device denotes the percentage of the total load to be connected to a telephone loop which is used by the device, to prevent overloading. The termination of a loop may consist of any combination of devices subject only to the requirement that the total of the Load Numbers of all the devices does not exceed 100. The Load Number of this unit is 26.

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the interference-causing equipment standard entitled "Digital Apparatus", ICES-003 of the Department of Communications.

Cet appareil numérique respecte les limites de bruits radioélectriques applicables aux appareils numériques de Classe B prescrites dans la norme sur le matériel brouilleur: "Appareils Numériques", NBS-003 édictée par le ministre des Communications.

AVIS: L'étiquette du ministre des Communications du Canada identifie le matériel homologué. Cette étiquette certifie que le matériel est conforme à certaines normes de protection, d'exploitation et de sécurité des réseaux de télécommunications. Le Ministère n'assure toutefois pas que le matériel fonctionnera à la satisfaction de l'utilisateur.

Avant d'installer ce matériel, l'utilisateur doit s'assurer qu'il est permis de le raccorder aux installations de l'entreprise locale de télécommunication. Le matériel doit également être installé en suivant une méthode acceptée de raccordement. Dans certains cas, les fils intérieurs de l'entreprise utilisés pour un service individuel à ligne unique peuvent être prolongés au moyen d'un dispositif homologué de raccordement (cordon prolongateur téléphonique interne). L'abonné ne doit pas oublier qu'il est possible que la conformité aux conditions énoncées ci-dessus n'empêchent pas la dégradation du service dans certaines situations. Actuellement, les entreprises de télécommunication ne permettent pas que l'on raccorde leur matériel à des jacks d'abonné, sauf dans les cas précis prévus par les tarifs particuliers de ces entreprises.

Les réparations de matériel homologué doivent être effectuées par un centre d'entretien canadien autorisé désigné par le fournisseur. La compagnie de télécommunications peut demander à l'utilisateur de débrancher un appareil à la suite de réparations ou de modifications effectuées par l'utilisateur ou à cause de mauvais fonctionnement.

Pour sa propre protection, l'utilisateur doit s'assurer que tous les fils de mise à la terre de la source d'énergie électrique, des lignes téléphoniques et des canalisations d'eau métalliques, s'il y en a, sont raccordés ensemble. Cette précaution est particulièrement importante dans les régions rurales.

Avertissement - L'utilisateur ne doit pas tenter de faire ces raccordements lui-même; il doit avoir recours à un service d'inspection des installations électriques, ou à un électricien, selon le cas.

L'indice de charge (IC) assigné à chaque dispositif terminal indique, pour éviter toute surcharge, le pourcentage de la charge totale qui peut être raccordée à un circuit téléphonique bouclé utilisé par ce dispositif. La terminaison du circuit bouclé peut être constituée de n'importe quelle combinaison de dispositifs, pourvu que la somme des indices de charge de l'ensemble des dispositifs ne dépasse pas 100. L'indice de charge de cet produit est 26.

Keypad Description

1. Pop-Up Zone Card - For Zone Descriptions
2. Alarm Display Window - For System Status Indications
3. ON Indicator Light - When Lit Indicates System is Armed
4. Internal Speaker - Used for Zone Annunciation
5. Emergency Panic Buttons - Keys used to activate the following event communications.

Fire



Medical



Police



7. Cancel Alarm Button - Used to confirm to Brink's that the signal is to be canceled
8. System Options Button - Used to activate special features of the alarm system
9. Doors Instant Button - Allows arming the system without a delay mode for Entry doors
10. Motion Detector Off Button - Used to Arm your system bypassing the motion detectors
11. ON Button - Used to Arm your system

Note: The emergency medical feature of this control unit, if furnished, complies with the requirements of U.L. Standard for Home Health Care signaling equipment, U.L. 1637.

Operating the BRINK'S System

NORMAL OPERATION MODE

When the system is turned on, all interior and exterior intrusion sensors are turned on, allowing time to enter and exit designated doors.

Upon entering a designated entry/exit door, the system will sound a tone from the keypad as a reminder to turn the system OFF. A delay period allows time to enter a valid three-digit code. If you do not turn the system off during this delay period, the siren will sound and an alarm signal will be sent to the Brink's Monitoring Center. If this happens, enter your three-digit code, then press **CANCEL** to silence the siren and cancel the alarm signal.

When turning the system ON, the system allows a delay period to exit and close a designated door. If you exit and securely close your door within this delay period, the system will not sound the siren or send an alarm signal to the Brink's Monitoring Center. When ON, the system is ready to detect intrusion on all protected areas.

TURNING THE SYSTEM ON USING THE NORMAL OPERATING MODE

1. Verify that the display window shows **READY**.
2. Press **ON**.

NOT READY STATUS

- a. If the display window shows **NOT READY** and you press **ON**, the keypad beeps to alert you that the system can't be turned on.
- b. The display window indicates the open zone. The pop-up zone card will identify the unsecured zone. Close the identified door or window.

TURNING THE SYSTEM OFF

1. Turn the system off by entering your three-digit code.
2. The red **ON** light will go out when the system is turned **OFF**. You must enter the proper code within the delay period to prevent sounding an alarm.

TURNING SYSTEM OFF AND CANCELING A SOUNDING ALARM

1. Enter a valid three-digit code immediately followed by **CANCEL** to notify the Brink's Monitoring Center that the signal is a false alarm.
2. The display window will flash the tripped zone number(s) and show **ALARM CANCELED**. You will **NOT** receive a call from Brink's.

TURNING SYSTEM OFF AFTER AN ALARM IN YOUR ABSENCE

1. Enter a valid 3-digit code to turn the system **OFF**. The keypad will beep and the display window will flash the tripped zone number(s) and **ALARM MEMORY**. The display will then return to normal.
2. Check the pop-up zone card to verify the location of the tripped zone.

TURNING SYSTEM ON WITH MOTION DETECTOR OFF

To turn the system **ON** without the **MOTION DETECTORS**, press **ON**, then **MOTION OFF**.

TURNING SYSTEM ON WITH DELAY DOORS INSTANT

To turn the system **ON** and make all the doors **INSTANT**, press **ON**, then **INSTANT**.

You may combine the above features by pressing **ON**, **MOTION OFF**, **INSTANT**.

Using SYSTEM OPTIONS Key

The system has five options: **BYPASS**, **DOOR CHIME**, **AUXILIARY CODES**, **ALARM MEMORY**, and **TEST**.

Scroll through the options by pressing the **OPTIONS** key until the desired option is displayed.

If you select a feature in error, you may cancel the selection by pressing **CANCEL**.

BYPASS - This option allows you to bypass a trouble zone or a specific zone of your choice. When bypassed, the system ignores the specified zone.

1. Press **OPTIONS** until the display window shows **BYPASS, ENTER ZONE #**.
2. Enter the zone number. The display window will flash the bypassed zone number then show **READY, BYPASS**.

DOOR CHIME -

1. Press **OPTIONS** until the display window shows **DOOR CHIME**.
2. Enter a valid three-digit code to select this option. The display window will show **READY DOOR CHIME**.
3. Press **CANCEL** to turn off this feature, or it will automatically be canceled when the system is turned on.

ADDING AUXILIARY CODES - This feature allows you to add up to six extra codes to turn the system on and off.

1. Press **OPTIONS** until the display window shows **AUXILIARY CODE, ENTER MASTER CODE**.
2. Enter the three-digit master code.
3. The display window will show **ENTER 1-6**. (You have six "slots" in which to program auxiliary codes.)
4. Select 1 for the first auxiliary code you choose. (The next aux code user would be 2, and so on, up to a maximum of six auxiliary codes.)
5. The display window will show **ENTER NEW CODE**. Enter any three-digit code of your choice.
6. The keypad will beep to confirm the new code. You may test the code by turning the system on and off with the new auxiliary code.

DELETING AUXILIARY CODES -

1. Press **OPTIONS** until the display window shows **AUXILIARY CODE, ENTER MASTER CODE**.
2. Enter the three-digit master code.
3. The display window will show **ENTER 1-6**.
4. Enter the user identification number (1-6) for the auxiliary code you wish to delete.
5. The display window will show **ENTER NEW CODE**.
6. **DO NOT ENTER THE AUXILIARY CODE**; instead, press **CANCEL** to delete the code. You will receive a confirmation beep from the keypad.

VIEWING ALARM MEMORY -

1. Press **OPTIONS** until the display window shows **ALARM MEMORY, ENTER CODE**.
2. Enter a valid three-digit code.

Testing The BRINK'S System

TRANSMISSION AND SIREN TEST

NOTICE: Your Protective Service Agreement requires that you test the system each week.

1. Press **OPTIONS** until the display window shows **TEST, ENTER CODE**.
2. Enter a valid three-digit code to send a test signal to the Brink's Monitoring Center.
3. When the test signal is successfully received at the Brink's Monitoring Center, the keypad will beep, and the siren will sound a short blast. The display will then return to normal. (If the test signal is not successfully received at the Brink's Monitoring Center, the display will show **CP TROUBLE**).

TESTING THE DOOR AND WINDOW SENSORS

You can test your door and window sensors without sending alarm signals to the Brink's Monitoring Center.

1. Close all protected doors and windows.
2. The display window should show **READY**.

3. Press **OPTIONS** until the display window shows **DOOR CHIME** and enter a valid three-digit code to select this option. The display window will show **READY DOOR CHIME**.

4. Open and close each door and window one at a time. The keypad will give a short tone to indicate that sensor is working.

5. Press **CANCEL** to exit the door chime mode.

TESTING THE MOTION DETECTOR

You can test your motion detector without sending alarm signals to the Brink's Monitoring Center.

1. Make sure there is no movement in the area protected by motion detector.
2. The display window should show **READY**.
3. Press **OPTIONS** until the display window shows **DOOR CHIME** and enter the three-digit code **247**. Hold the "7" key down for five seconds. The display window will show **READY DOOR CHIME TEST**.
4. Walk through the protected area. If your motion is detected, the siren will give a short blast.
5. When you are finished testing the motion detector, exit the **DOOR CHIME TEST** mode by pressing **CANCEL**.

Options available for your Security System

Optional Features

1. **Duress Code** - This is a special three-digit code you would use if you were being forced to turn off the alarm system against your will.

CAUTION: Never use the duress code unless there is a real police emergency. Be careful not to confuse the duress code with your three-digit master code or auxiliary codes.

2. **Line Cut** - This feature notifies you if your telephone line is cut by sounding the siren if the system is armed. If the system is not armed, the keypad will beep and display **LINE CUT**. A signal will **NOT** be sent to the Monitoring Center.

Trouble Messages

NO AC POWER INDICATION - Display shows NO AC.

The system is currently working on the back up battery, because the electrical source to the system has been interrupted.

LOW BATTERY INDICATION - Display shows LOW BATT, CALL 800-445-0872.

1. The keypad will beep every fifteen seconds.
2. Press the **CANCEL** to silence the beep for 24 hours.

SUPERVISED KEYPAD TROUBLE - Supervised keypad display shows NO DISPLAY

Unsupervised keypads on the system will display **CF TROUBLE**. Siren emits two clicks every 2-3 seconds. Lines to the supervised primary keypad have been faulted. Call Brinks for service.

TROUBLE ON FIRE ZONE INDICATION - Display shows Zone No. & TROUBLE

1. If you accidentally trip the smoke/heat detector, cancel the alarm by entering a valid three-digit code immediately followed by **CANCEL**. If there is still smoke, dust, steam, etc. in the smoke/heat detector, the display window will show the zone number and **TROUBLE**.
2. The keypad will beep every fifteen seconds. You may silence the beeping for 24 hours by pressing **CANCEL**.
3. The system will automatically try to reset. If it fails to reset, the beep will resume after 30 minutes.

LINE CUT INDICATION - Optional feature - Display shows LINE CUT.

1. Your telephone line has been cut/interrupted.
2. If the system is **OFF** at the time the telephone line is cut/interrupted, within one minute the keypad will beep every fifteen seconds.
3. Press **CANCEL** to stop the beeping for 24 hours.
4. If the system is **ON** at the time the telephone line is cut/interrupted, within one minute the siren will sound. The display will show **LINE CUT** and flash the letter "L".
5. No alarm signal will be sent to Brink's Monitoring Center while the telephone line is interrupted, but the alarm system will operate within your home.

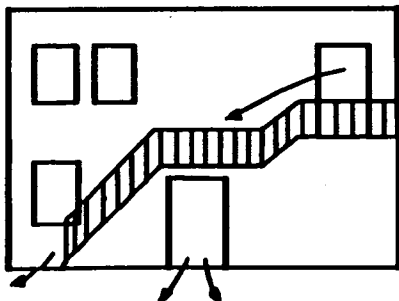
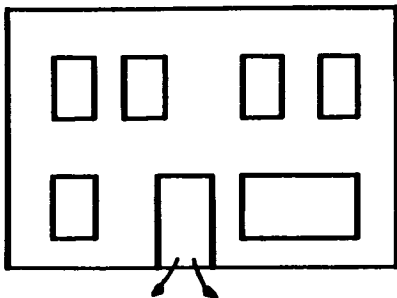
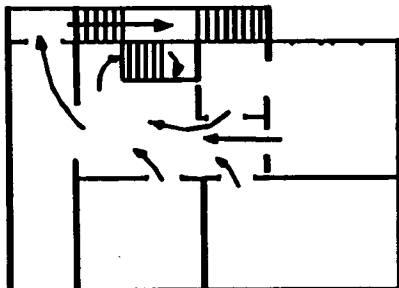
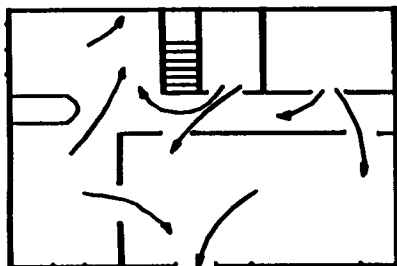
COMMUNICATION PROBLEM INDICATION - Display shows CP, TROUBLE, CALL 800-445-0872.

1. This indicates the system was unable to communicate a signal over the telephone line to the Brink's Monitoring Center.
2. The keypad will beep every fifteen seconds.
3. Press **CANCEL** to stop the beeping for 24 hours.

Emergency Evacuation Plans

An emergency evacuation plan should be established for an actual fire alarm condition. For example, the following steps are recommended by the National Fire Protection Association and can be used as a guide for establishing this plan for homes or commercial buildings.

1. Draw up a floor plan of your premises. Show windows, doors, stairs, and rooftops that can be used for escape. Indicate each room's escape routes. Determine two means of escape from each room. One will be the door leading to the normal exit from the premises. The other may be a window that opens easily. An escape ladder may have to be located near the window if there is a long drop to the ground below.
2. Set a meeting place outdoors for a head count of all occupants. Practice escape procedures. For increased home safety, sleep with the bedroom door closed. It will increase your escape time. If you suspect fire, test the door. If it feels hot, the hall is already too hot to enter. If you think it is safe, brace your shoulder against the door and open it cautiously. Be ready to slam the door if smoke or heat rush in. Practice escaping to the outdoors and meeting in an assigned spot. Call the fire department from a neighbor's phone.



NOTE: After having the alarm system installed, it may be necessary to notify your local fire and police departments. They may need to record your name and address for their alarm records. There may also be local ordinances that require your compliance.

Early warning fire detection is best achieved by fire detection equipment installed in all rooms and areas of the household as follows: a smoke detector installed in each separate sleeping area (vicinity of, but outside of the bedrooms), and heat and smoke detectors in living rooms, dining rooms, bedrooms, kitchens, hallways, attics, furnace rooms, closets, utility and storage rooms, basements, and attached garages. 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, Massachusetts 02269

California residents may also write:
California State Fire Marshal
7171 Bowing Drive, Suite 600
Sacramento, California 95823

Warranty Information

This manual does not create any additional expressed or implied warranties. Your limited warranty coverage is described in the Protective Service Agreement you signed.

IF YOU HAVE QUESTIONS, PLEASE CALL OUR CUSTOMER SERVICE DEPARTMENT AT 1-800-445-0872, OR WRITE:

BRINK'S HOME SECURITY
CUSTOMER SERVICE DEPARTMENT
1628 VALWOOD PARKWAY
CARROLLTON, TEXAS 75006.

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