



# **BI HomeGuard 200™ Officer's Reference Manual**

BI Part Number 8-90-00089-1  
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Revision A

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# Preface

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## Notice

**HomeGuard 200 Officer's Reference Manual**  
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- BI logo
- BI HomeGuard 200 Receiver
- BI HomeGuard 200 Transmitter
- BI HomeGuard Drive-BI
- BI GuardWare Host System
- BI 9010 Transmitter
- BI K2 Host System
- BI HES 600 Host System
- BI Sobrietor

## Document History

This document was created using Adobe FrameMaker 6 and Paint-Shop Pro 7. The body text is the Utopia typeface. This is Revision A, September 2001, BI Part No. 8-90-00089-1.

## Technical Support

For help related to client enrollment and schedules, reporting, and host computer functions call your monitoring center. BI Incorporated has two monitoring centers, East and West.

GuardCenter West  
BI Incorporated  
6400 Lookout Road  
Boulder, CO 80301 USA  
(303) 218-1225  
(800) 241-6768  
FAX (303) 218-1250

GuardCenter East  
BI Incorporated  
One Citizen's Plaza, Suite 501  
Anderson, Indiana 46016  
(765) 641-2496  
(800) 825-1044  
FAX (765) 649-3148

For technical assistance with BI Products, call BI Technical Support at (800) 241-9924 or your BI Account Service Representative.

## Purpose

This manual provides an officer with the information necessary to implement and use HomeGuard 200 radio frequency monitoring products.

## Scope

The Officer's Manual presents a tutorial for use of the HomeGuard 200 radio frequency monitoring system and a guide in acquainting clients with home arrest procedures. It provides all information required to:

- learn to use HomeGuard 200 Receiver, Transmitter, and Drive-BI
- teach clients to use the HomeGuard 200 Receiver and Transmitter
- install the HomeGuard 200 Receiver and Transmitter on site
- set up monitoring requirements
- troubleshoot and use the HomeGuard 200 products

Note: Throughout this manual, the name HomeGuard 200 refers to the HomeGuard 200 radio frequency monitoring system.

## Audience

This manual is written for the attending officer who will train the client, set up the equipment, and monitor the client.

## United States FCC, Part 68

**Compliance statement** - This equipment complies with Part 68 of the FCC rules. On the bottom of the Receiver is a label that contains, among other information, the FCC registration number and ringer equivalence number (REN) for this equipment. If requested, this information must be provided to the telephone company.

**Jack type needed** - The Receiver connects to the telephone network with a USOC RJ11C jack. An FCC compliant telephone cord and modular plug is provided with this equipment. This equipment is designed to be connected to the telephone network or premises wiring using a compatible modular jack which is Part 68 compliant.

**Explanation of the Ringer Equivalence Number (REN)** - The REN is used to determine the quantity of devices which may be connected to the telephone line. Excessive RENs on the telephone line may result in the devices not ringing in response to an incoming call. In most, but not all areas, the sum of the RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to the line, as determined by the total RENs, contact the telephone company to determine the maximum REN for the calling area.

**Temporary discontinuance of service** - If the Receiver 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.

**Telephone company changes** - 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 may provide advance notice in order for you to make the necessary modifications in order to maintain uninterrupted service.

**Disconnection in case of trouble and location of repair center** - If trouble is experienced with the Receiver, please contact BI Incorporated. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment from the network until the problem is resolved.

Repairs customers can make - There are no customer-serviceable parts inside the BI HomeGuard Receiver. (Power and phone cords are replaceable on the BI HomeGuard Receiver.)

Prohibitions - Connection to party lines or to telephone company coin service is prohibited.

## **Industry Canada**

**NOTICE:** The Industry Canada label identifies certified equipment. This certification means that the equipment meets telecommunications network protective, operational and safety requirements as prescribed in the Terminal Equipment Technical Requirements document(s). 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. 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 coordinated by a representative 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 connections 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 electric inspection authority, or electrician, as appropriate.

**NOTICE:** The Ringer Equivalence Number (REN) 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 on a loop may consist of any combination of devices subject only to the requirement that the total of the Ringer Equivalence Number of all the devices does not exceed 5. The REN for the HomeGuard 200 is 0.7B.

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference that may cause undesired operation of the device.

## United States FCC, Part 15

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.

Any changes or modifications made by the user to this equipment that are not expressly approved by BI Incorporated could void the user's authority to operate the equipment.

NOTE: 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 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:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help