

BI HomeGuard 20|20 User Guide



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Revision 2

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Preface

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Technical Support

For technical support when using BI's monitoring center, contact BI Monitoring Operations:

BI Monitoring Operations
2801 Enterprise Drive
Anderson, Indiana 46013
1-800-666-3145
1-765-778-5760 Fax

For technical support when using an agency monitoring center, contact BI Technical Support:

BI Technical Support
6265 Gunbarrel Avenue, Suite B
Boulder, CO 80301
1-800-241-9924

Waste Electrical and Electronic Equipment (WEEE)



All electrical products that reach the duration of their functioning capabilities must be returned to BI Incorporated for recycling.

Registrations

- ❖ CSQ-RF2021
- ❖ 8595A-2AGQN4NNN
- ❖ 1449A-RF2021
- ❖ XPY2AGQN4NNN

United States FCC, Part 15

These devices comply with Part 15 of the FCC Rules. If requested, this information must be provided to the telephone company. 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 by the user to the equipment that are made without written approval by BI Incorporated could void the user's authority to operate the equipment. 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 (RF) energy. 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.

Innovation, Science, and Economic Development Canada

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause interference; and (2) This device must accept any interference, including interference that may cause undesired operation of the device.¹

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: 1) l'appareil ne doit pas produire de brouillage; 2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.²

UL Recognized Component Mark

This equipment is recognized by UL. Representative samples of this component have been evaluated by UL and meet applicable UL requirements. Do not disassemble, short circuit, or dispose of in fire. Improper use may result in fire. Use the BI charging system only.

La batterie de la balise est reconnu par UL. Des échantillons représentatifs de cette composante ont été évalués par UL et répondre aux exigences UL

1. <http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf08449.html>

2. <https://www.ic.gc.ca/eic/site/smt-gst.nsf/fra/sf08449.html>

applicables. Ne pas désassembler, court-circuit, ou jeter dans le feu. Une mauvaise utilisation peut provoquer un incendie. Utiliser uniquement le système de charge de BI.

Operation and EME Exposure

The equipment represented herein is designed to comply with the following national and international standards and guidelines regarding exposure of human beings to radio frequency electromagnetic energy (EME):

- ⌘ United States Federal Communications Commission, Code of Federal Regulations; 47 CFR part 2 sub-part J.
- ⌘ American National Standards Institute (ANSI)/Institute of Electrical and Electronics Engineers (IEEE). C95. 1-2005.
- ⌘ Institute of Electrical and Electronics Engineers (IEEE). C95. 1-2005 Edition.
- ⌘ International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1998.
- ⌘ Ministry of Health (Canada). Safety Code 6- Limits of Human Exposure to Radio Frequency Electromagnetic Fields in the Frequency Range from 3 kHz or 300 GHz (2015).
- ⌘ Australian Communications Authority Radiocommunications (Electromagnetic Radiation - Human Exposure) Standard 2014.
- ⌘ ANATEL (Agência Nacional de Telecomunicações), Brazil Regulatory Authority, Resolution 303 (July 2, 2002) "Regulation of the limitation of exposure to electrical, magnetic, and electromagnetic fields in the radio frequency range between 9 kHz and 300 GHz." Attachment to Resolution 303 from July 2, 2002. Updated on November 22, 2012.

Requirements for Exposure to Radio Waves

The HomeGuard 20|20 equipment includes a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines that establish permitted levels of RF energy for standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. These standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

Electromagnetic Interference/Compatibility

Nearly every electronic device is susceptible to electromagnetic interference (EMI) if inadequately shielded, designed, or otherwise configured for electromagnetic compatibility.

Medical Devices

If a person using the HomeGuard 20|20 equipment also uses any personal medical device (i.e., pacemaker, hearing aid, etc.), consult the manufacturer of the personal medical device to determine if it is adequately shielded from RF energy. A physician may be able to assist in obtaining this information.

Operational Warnings

There are certain areas where you want to avoid operation of any radio product.

Potentially Explosive Atmospheres

Turn off any radio product prior to entering any area with a potentially explosive atmosphere unless it is a radio product type especially qualified for use as “Intrinsically Safe” (for example, Factory Mutual, CSA, or UL-approved). Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

NOTE: *The areas with potentially explosive atmospheres referred to above include fueling areas, such as below boat decks; fuel or chemical transfer or storage facilities; areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle engine. Areas with potentially explosive atmospheres are often but not always posted.*