BI SL3™

User Guide

8-90-00178-0
Revision 1

Preface

Trademarks & Patents

- BI Incorporated
- BI logo
- BI SL3
- BI SL3 logo
- Adaptive Facial Recognition
- AFR
- BI TotalAccess
- BI TotalAccess logo

Technical Support

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

BI Monitoring Operations
2801 Enterprise Drive
Anderson, Indiana 46013
1-800-693-9120

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

BI Technical Support
6325 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

- FCC ID: CSQ-SL300A
- IC ID: 1499A-SL300A

The FCC and IC registration numbers are located on the bottom of the unit.

United States FCC, Part 15, Subpart B; ICES-003

This device complies with Part 15, subpart B 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.

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. 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.

Innovation, Science, and Economic Development Canada

This equipment complies with the Industry Canada's license-exempt Radio Standard Specifications (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]

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

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 Radiofrequency 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

This 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 this 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.*

Chapter 2 SL3 Device

BI SL3 is a rugged, one-piece, mobile alcohol monitoring device that measures Breath Alcohol Content (BrAC) by collecting deep lung breath samples. The SL3 incorporates Adaptive Facial Recognition® (AFR®), fuel cell, and multiple acquisition technologies to ensure the client is accurately identified and tested. Test results are promptly reported to the central monitoring computer via a cellular connection. Each test report includes a high resolution client photo, BrAC reading, GPS location with time and date stamp to ensure accuracy.

Chapter Topics

Components

To Activate the SL3

1. Log into TotalAccess and add the client's Profile and Service Plan.
2. Press the power button once to turn on the SL3.
3. Select the left display button to **START** the process.
4. The Device ID and Security PIN will be displayed. Enter the numbers in the client's Service Plan in TotalAccess.
5. TotalAccess communicates with the SL3 device and the device displays ***Activation Successful*** to confirm the process.

Rechargeable Battery

The SL3 device contains an internal lithium-ion rechargeable battery. The battery lasts up to 72 hours, and takes less than five hours to charge. When powering on the SL3 device, a battery icon appears in the upper-right corner of the display showing the approximate percentage of battery power. When the battery is too low to turn on the SL3 device, the LCD will display a ***Connect To Power*** message.

To charge the battery

1. Insert one end of the power cord into the transformer, and then plug the transformer into a standard wall outlet.
2. Insert the USB C end of the power cord into the SL3 device.
3. Continue charging the SL3 device until the battery charging icon displays 100%.
4. Disconnect the power supply from the SL3.

Cleaning & Storage

After the SL3 is returned from the client, clean the unit by wiping the case with a soft cloth. You can use a disinfectant if needed. Do not use any cleaning products containing pine oil as these solvents may damage the plastic body. Store the SL3 in its original black zipper case.

