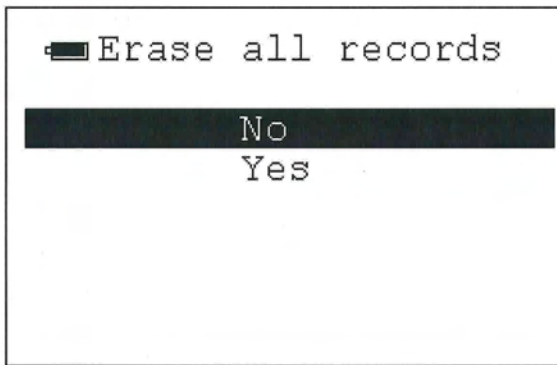


When this item is selected by pressing the **Enter key**, the following screen will be shown. Use the up and down arrow keys to highlight the desired selection. By selecting the **Yes** menu item, and pressing the **Enter key**, all of the stored records will be erased. Selecting **No** will return you to the previous menu.

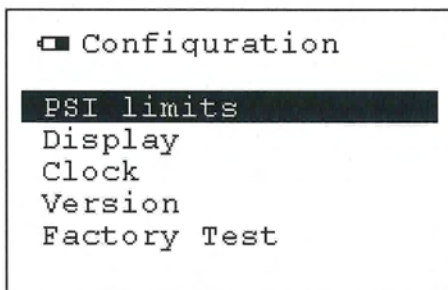
**NOTE:** This will permanently erase all records, and they cannot be retrieved.



Press the back key, or the main key to return to the main menu screen. The last item on the screen is the **Configuration** menu. Press the up or down keys until **Configuration** is highlighted. Then press the **Enter key**.

### Configuration

This option of the main menu will allow you to configure various user **HandBAT** parameters.



The PSI limits screen is very similar to the one used after looking at a tire pressure tag that was just read. The only difference is that you can get to this screen without reading a tag. To select the PSI limits screen depress the **Enter key**. The following screen will appear.

```
PSI limits
Low PSI limit  90
High PSI limit 110
```

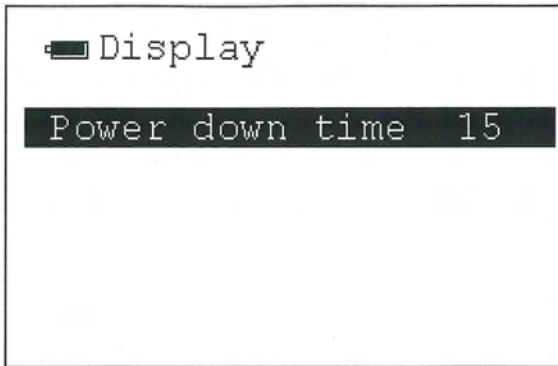
With the PSI low point “highlighted” then depress the right arrow key to reach the PSI value field. Then change the PSI value field by depressing the up/down arrow keys for increments or decrements to the PSI value desired.

To change the PSI high point use the down arrow key to highlight the PSI high point line. Then depress the right arrow key to reach the PSI value field. Then change the PSI value field by depressing the up/down arrow keys for increments or decrements to the PSI value desired.

#### **Configuration – Display option**

```
Configuration
PSI limits
Display
Clock
Version
Diagnostics
```

With the Display line highlighted depress the **Enter key** and the following screen will appear.

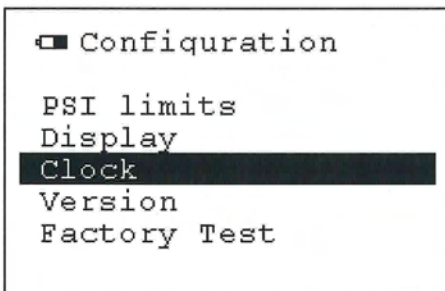


With Power down time highlighted depress the right arrow key to reach the down time value field. To change the Power Down time field use the up/down arrow keys to increment or decrement to the Power Down time setting.

The user can set the power down timer via the Display option as shown on the following screen. The user can set the time in one minute increments i.e., 3 = 3 minutes, 5 = 5 minutes, etc.) To conserve battery life it is recommended that the user set the **HandBAT** at a low value.

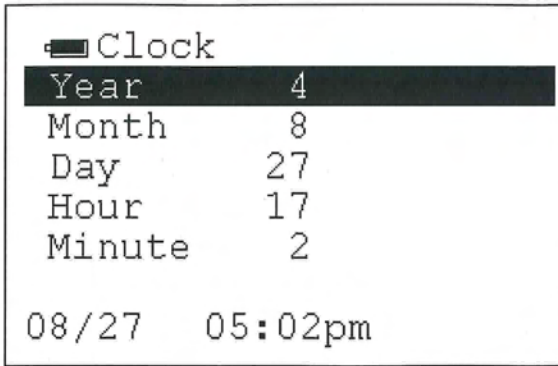
**Note:** It is very easy and quick to wake up the Handheld reader and use it again with just the touch of any key on the handheld.

#### Configuration – Clock Option



With the clock menu item highlighted press the **Enter Key** and the following screen will appear.

The clock screen is used to make changes to the date and time of your **HandBAT**. This time and date will be used to time stamp the records of tag readings that are stored in the **HandBAT**.

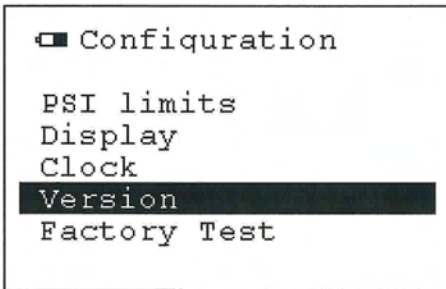


To make changes to the year of your **HandBAT**, use the up/down arrow keys to highlight the year menu item. Press the **Enter Key**, and the number will also become highlighted. Used the up/down arrow keys to change the year. When you have set the correct year, press the **Enter Key** again, and the number will no longer be highlighted and the **HandBAT** will be set to the current year. Repeat this procedure for Month, Day, Hours, and Minutes. As you complete each of the changes, the values at the bottom of the screen will change to the current settings to show that the changes have been stored in the **HandBAT**. The final data and time will be displayed on the bottom of the screen.

The hours are enter in military time, AM values are enter 0 – 12, the PM values are entered 13 – 24. Example: 1 pm is entered as 13; 6 pm is entered as 18.

### Configure – Version

With the clock menu item highlighted press the **Enter Key** and the following screen will appear.



The version screen allows the user to tell which version and build numbers are currently programmed into the processors inside the unit. This screen will normally only be referenced for warranty or upgrade purposes.

```

❑ Version
P/N 8000000
S/N 00564/1204
-----
MCU version 153
MCU build   CB2FC2E4
DSP version 183
DSP build   0159

```

**Configure – Factory Test**

```

❑ Configuration
PSI limits
Display
Clock
Version
Factory Test

```

With the Factory Test menu item highlighted, press the **Enter Key**, and the following screen will appear

```

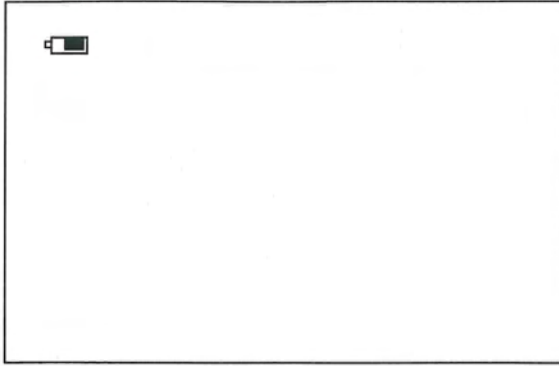
❑ Enter password
  WARNING
  Unauthorized access
  may void warranty!
  -----
  |           |
  -----
Back key to exit

```

This menu is password protected and is for factory use only; it **cannot be accessed by end user. Press the Main key, or the Back key to exit.**

**Battery indicator**





The battery indicator always is shown in the upper left hand corner (as shown above). It will show the current status of the battery. When the battery gets sufficiently depleted the unit will block the user from reading tags so that the unit is not damaged. If a HandBAT becomes severely discharged the **HandBAT** will display a low battery message and then turn itself off automatically.

### **Battery charging**

It the **HandBAT** is plugged into a charger the battery indicator will be replaced by a plug icon with either a C (charging) or F (full) until the unit is fully charged. See demonstration of the charging function from Stemco specialist.

### **Care and Handling of the HandBAT.**

**To be determined.**

### **Troubleshooting**

The system can be reset holding down the F3 and down arrow keys simultaneously for approximately 4 seconds; the screen will flash and redraw. No records or data will be lost.

### **RF exposure information**

Safety specifications or Specific Absorption Rate info

Under United States FCC guidelines, part 15 section 247, this device is categorically excluded from routine environmental evaluation for demonstrating RF exposure compliance with respect to MPE and/or SAR limits.

- 1.) Exposure falls under general population/Uncontrolled exposure.
- 2.) Device transmits less than 10 mW of power in the 2.4 to 2.48 GHz band.
- 3.) The device should be considered a spread spectrum transmitter.
- 4.) Typical exposure times are less than 5 seconds during any tag reading.
- 5.) This device is tested and evaluated under US FCC part 15 section 247.
- 6.) The device is tested as a production unit.

The unit uses a meander line radiator with less than 3 dBi of gain and less than 10 mW of output power.

## CERTIFICATIONS

The FCC ID for this product, SRA-8200000 can also be found in the battery compartment under the battery.

This unit 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 ID: SRA-8200000

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.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. Users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying Rf exposure compliance.

Should you need any additional assistance with any problems or issues please contact your STEMCO at (800) 527-8492, and ask for FIS technical support.

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