

Programming the Metal Detector

The following chart shows the user adjustable settings on the metal detector. Ceia factory values are shown along with the recommended values for use in the ECS. Adjust these settings as needed.

Adjustable Setting	Ceia Factory Value	Recommended Value for ECS
Sensitivity	SE = 19	SE = 25
Max. Detection Speed	DS = 5	DS = 5
Baud Rate	BR = 9600	BR = 9600
TX Channel	CH = 50	CH = 50
Alarm Duration	AD = 1C	AD = 1C
Alarm Volume	AV = 3	As desired by customer
Alarm Tone	AT = 2	As desired by customer
Reset Mode	RM = A	RM = A



Metal Detector Keypad

Follow these steps to program the recommended values:

- 1) To begin there should be four dashes on the left side of the split screen. This

is normal operation mode with no metal detector activation and no alarms.



- 2) Press the **PROG** key. Four dashes should appear on the right side of the split screen indicating program mode.



- 3) Press the **ENTER** key and then use the **↑** & **↓** arrow keys to scroll through the available program items.

- 4) While the item you wish to change is displayed (such as SE for Sensitivity) press the **ENTER** key and the current value will start flashing. Use the **↑** or **↓** arrow key to change the value as appropriate and then press the **ENTER** key again.



- 5) Use the **↑** & **↓** arrow keys to locate other settings and repeat step 4 as necessary to change their values. While programming the Alarm Volume and Alarm Tone you will hear the new sound as the value is changed with the arrow keys.
- 6) Once all items are programmed properly press the **PROG** key to exit program mode. Four dashes will once again appear on the left side of the split screen.