Setup for Bison

Initial Setup
The first step to a survey is to turn on the Bison and set the time and date.
1. Connect the Bison to the battery using the battery connector found within the Bison case itself.
2. Once the battery is connected, press the “ON” button that is near the left side of the Bison screen.
3. The Bison will begin to start itself. The Bison will offer two commands: F1 for setup or ESC for boot. In most cases, type ESC.
4. The Bison will progress to another screen with three options. Scroll down to MS-DOS using the arrow keys near the bottom right of the keyboard and press ENTER to select MS-DOS.
5. The Bison will ask you to TYPE ANY KEY TO CONTINUE.
6. The date and time need to be set on the Bison. Type DATE and press ENTER to set the date. Be sure to set the date accordingly to the Bison. The Bison will show you the format desired once you type DATE and press ENTER. After you have set the date, press ENTER.
7. Now set the time by typing TIME and pressing ENTER. Set the time accordingly. The Bison will show you the format it desires. After you have set the time, press ENTER.
8. Finally, type RUN and ENTER to begin the program.

Program Setup
The time and date are setup for the Bison. Now, setup the parameters for the survey.

Parameters
1. Alt+Setup or Alt+s
   a. Sample Rate
      i. ReMi: typically 2
      ii. Refl./Refr.: .5
   b. Number of Channels
      i. 48
      ii. AUX is off
   c. Number of Samples:
      i. 2 (in thousands)
   d. Filter Setup
      i. Low – 4
      ii. High – 4000
   e. Gain
      i. 20 via refl./refr. And 40 for ReMi

1. Be sure to click the number desired and scroll down to ALL CHANNELS and press ENTER to confirm the desired number. The colors in the chart should be the same as the color desired.

Record Name and Operator
2. Alt+f, then t for attributes
   a. Type desired record name
   b. Type desired operation

Hammer Setup
3. Alt+a
   a. Acquisition mode
      i. Be sure to press enter on the batch. You should see an X
      ii. 10 will be the stack AKA Number of Shots

Data will automatically be saved. TO turn off the Bison, Alt+f and Exit. Press Off button in MS-DOS