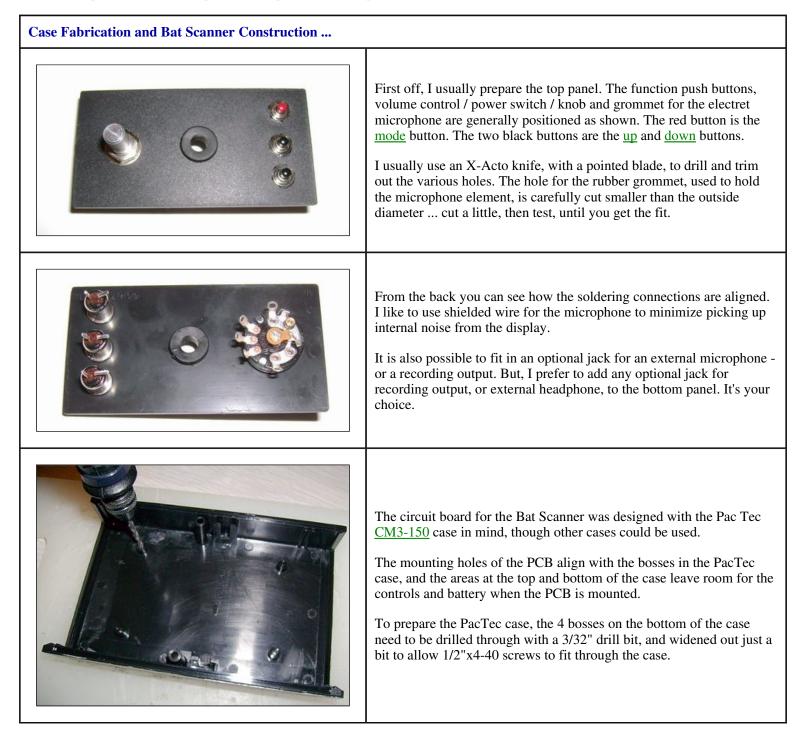
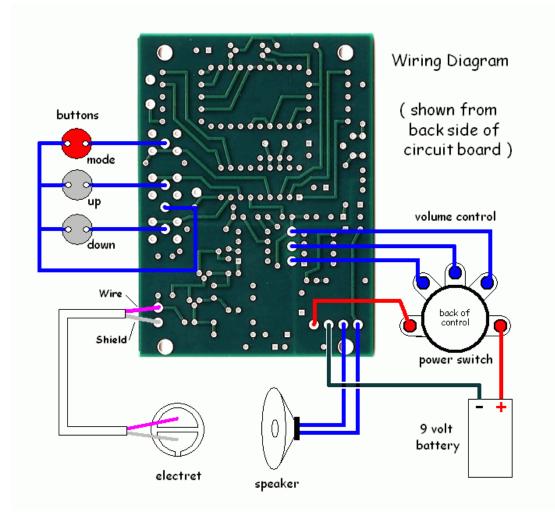
Assembling the Bat Scanner Detector

These instructions are a general outline of the steps you might wish to follow in completing the construction of the Bat Scanner detector. The construction of the circuit board is detailed in a seperate document. These are only guidelines ... based on the parts I've found that work for me. You should follow whatever construction style that your own personal skills and experience allow. Before starting, consider if you want to make any modifications to the standard detector ... like an external microphone jack, recorder output jack, or headphone jack. These options are explained in the <u>Options Manual</u>.



Case Fabrication and Bat Scanner Construction ...





Case Fabrication and Bat Scanner Construction ...

 This image shows a Bat Scanner wired up and complete. You can see that there is a plenty of room for all the wiring. I wire the connections to the back of the circuit board so that wires don't migrate in front of the display. The circuit board is mounted with four 1/4x440 screws I fill the gap next to the battery with foam rubber to keep it from rattling about. Another piece of foam is placed near the bottom of the speaker for the same purpose. The area near the battery is also a good place for the addition of a jack, for either an external headphone, or a recording output. See the <u>Options Manual</u> for information on these optional features.
Refer to the <u>User Guide</u> and follow the procedure for setting the <u>SENS</u> pot. Once this is done, you can close up the finished detector with the two long self tapping screws. These screws can be hard to screw in and remove when the case is new you may want to drill out the bosses just slightly with a 3/32" drill bit When all the work is done, you have a finished <u>Bat Scanner</u> a unique, and highly functional, scanning heterodyne bat detector that should provide many years of service.

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