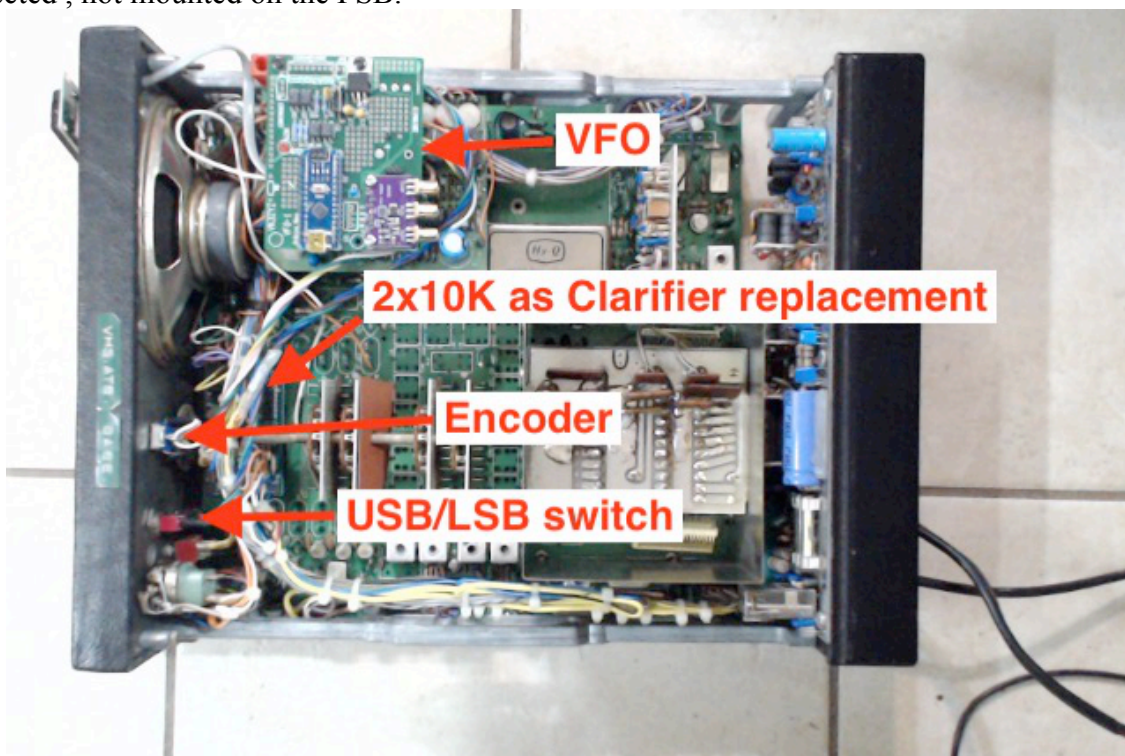
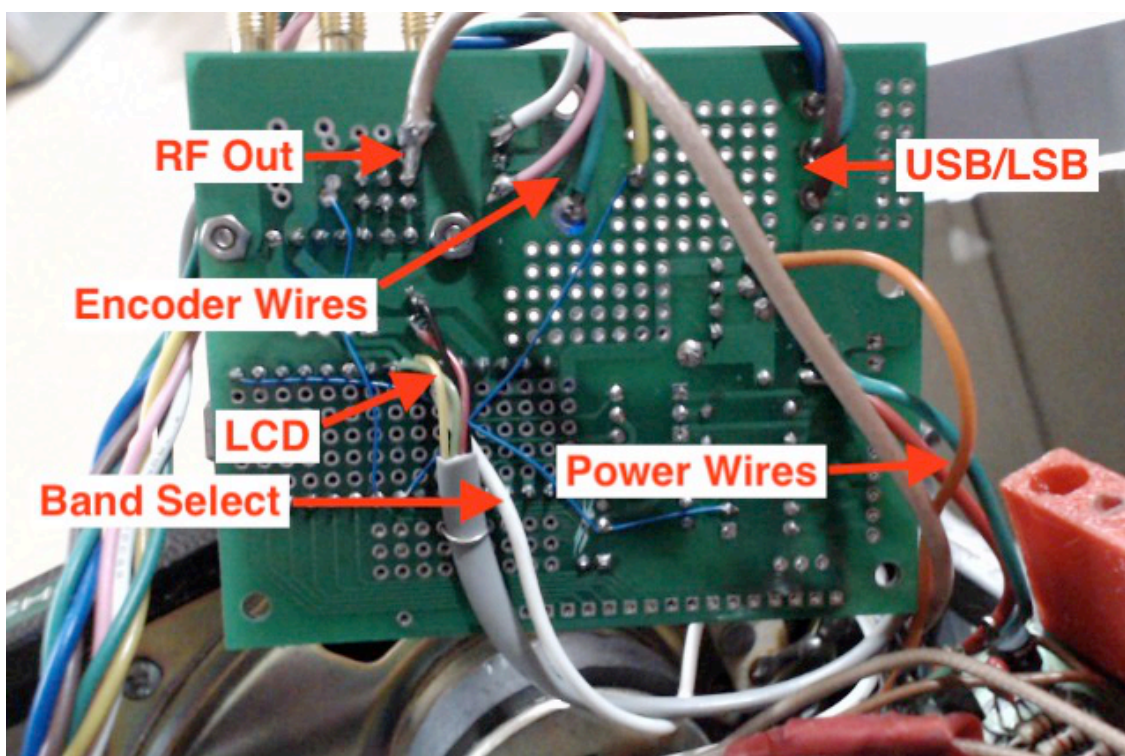


Hawk 102-12 with VK3ZYZ FCO

The VK3ZYZ VFO is installed inside Hawk 102-12 trancecover with the controls and LCD remotely connected, not mounted on the PSB.



Wires are just soldered on, and the coax connectors are not used. These could be left off the Si5351 board.



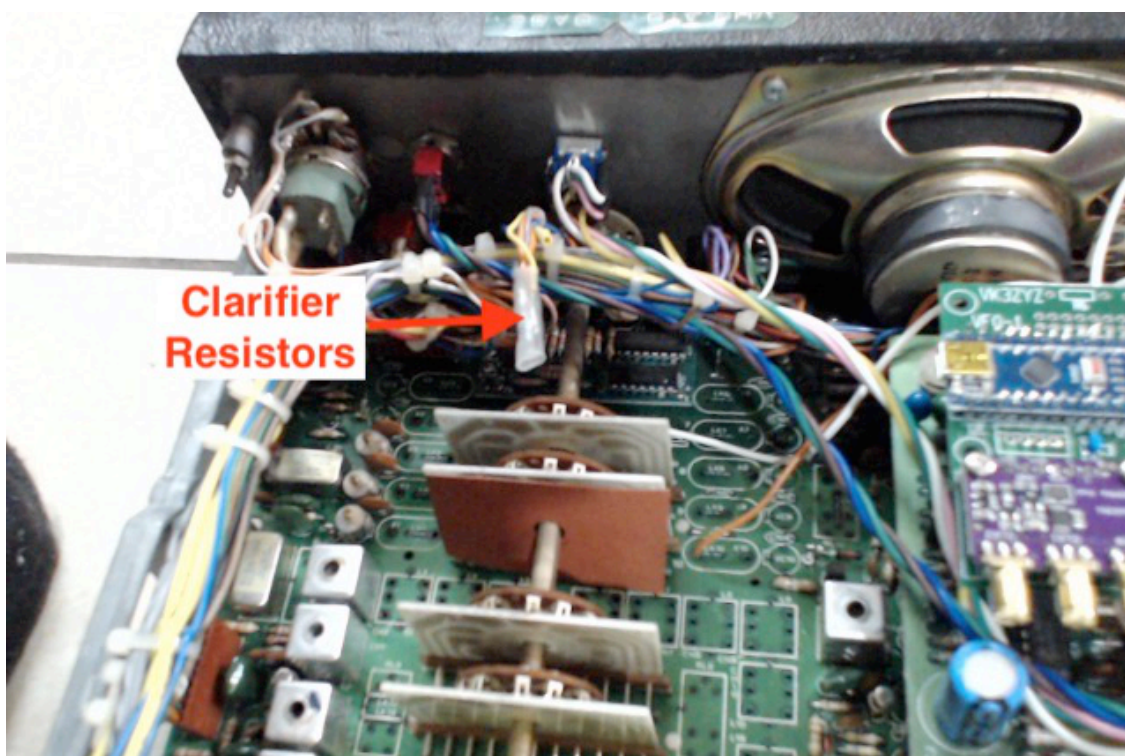
Hawk 102-12 with VK3YZ FCO

The rotary encoder is mounted in the “CLARIFIER” hole.

An unused hole, “MUTE”, was enlarged a bit to fit the USB/LSB switch.

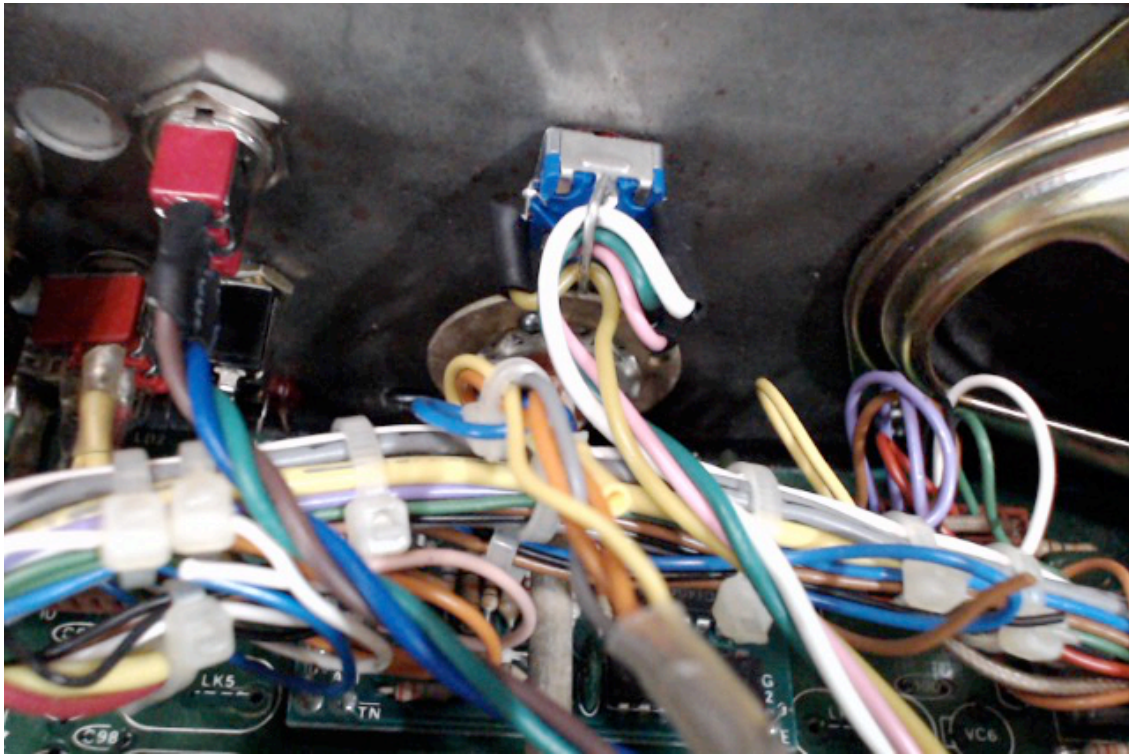


I had removed the clarifier pot, so replaced that with a couple of 10K resistors with heat shrink around them for protection.



Hawk 102-12 with VK3ZYZ FCO

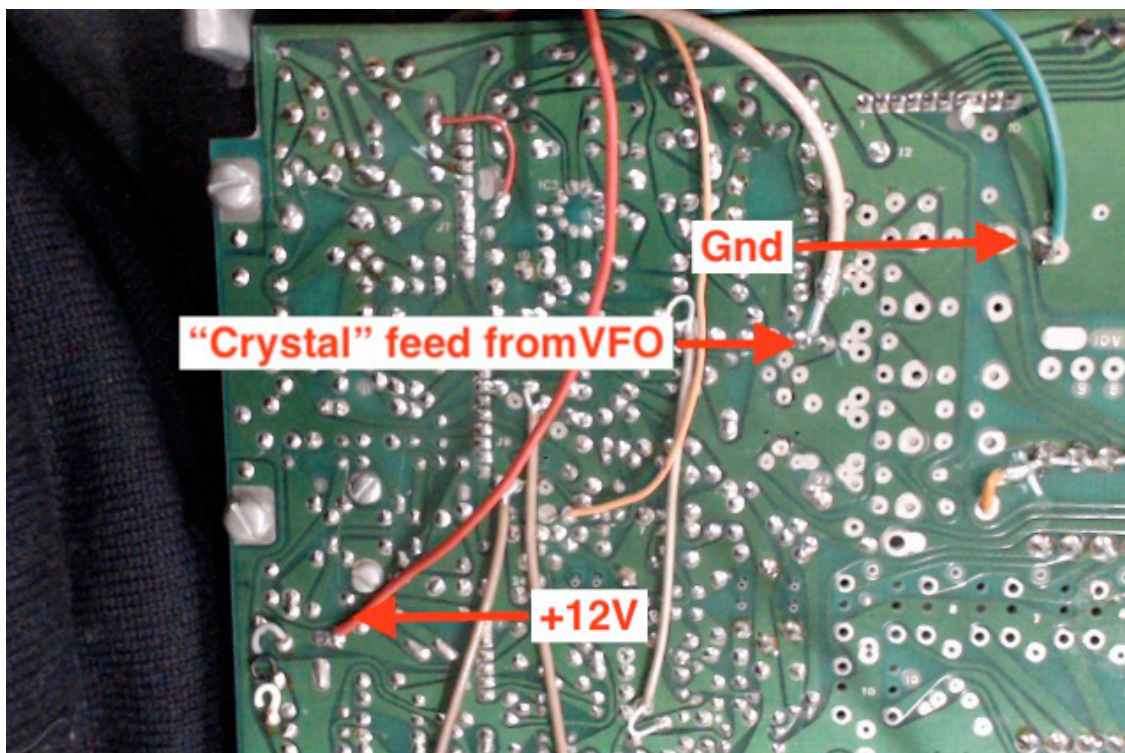
Here are the controls..



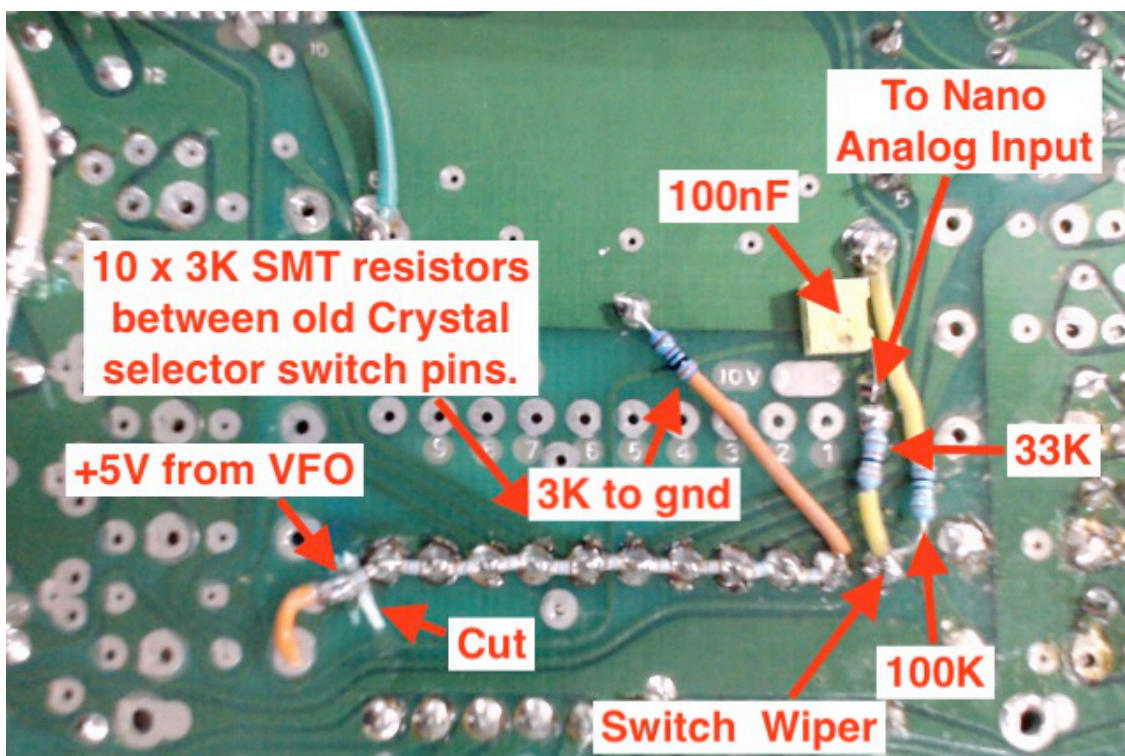
A hole drilled through the front for the LCD cable.



T
Connections to the main transceiver board are as follows...

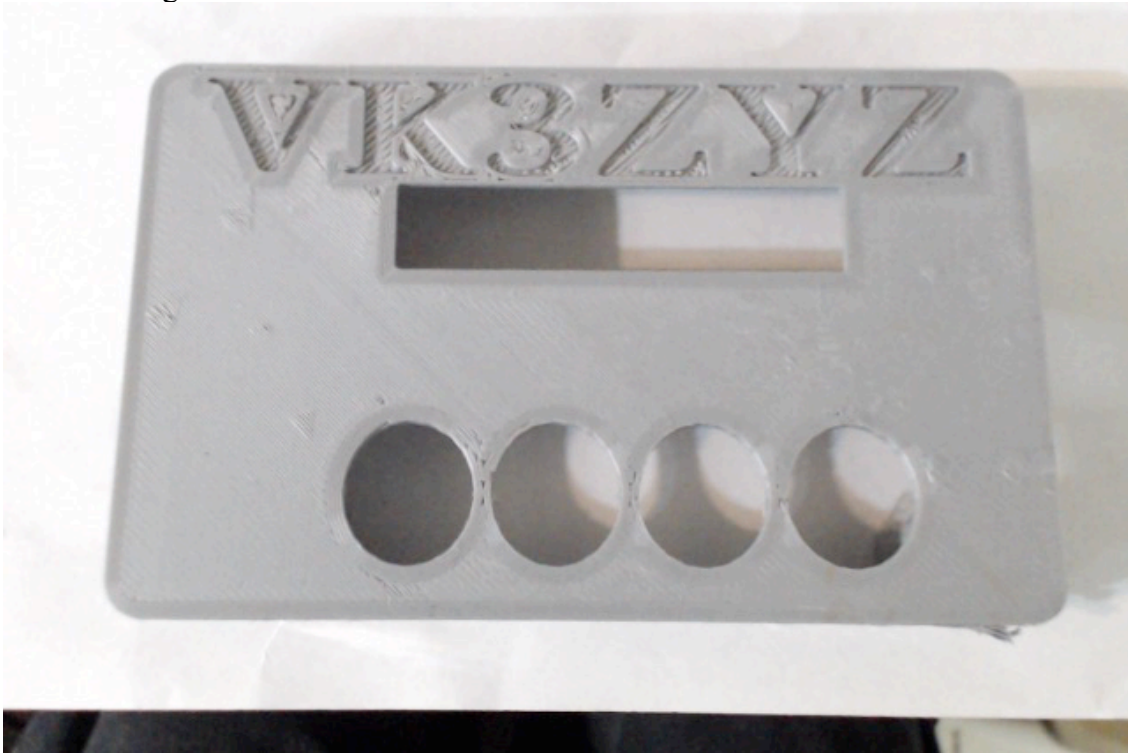


and the old crystal selector has a resistor chain added then fed to an Nano analog input so the band can be determined from the switch position.

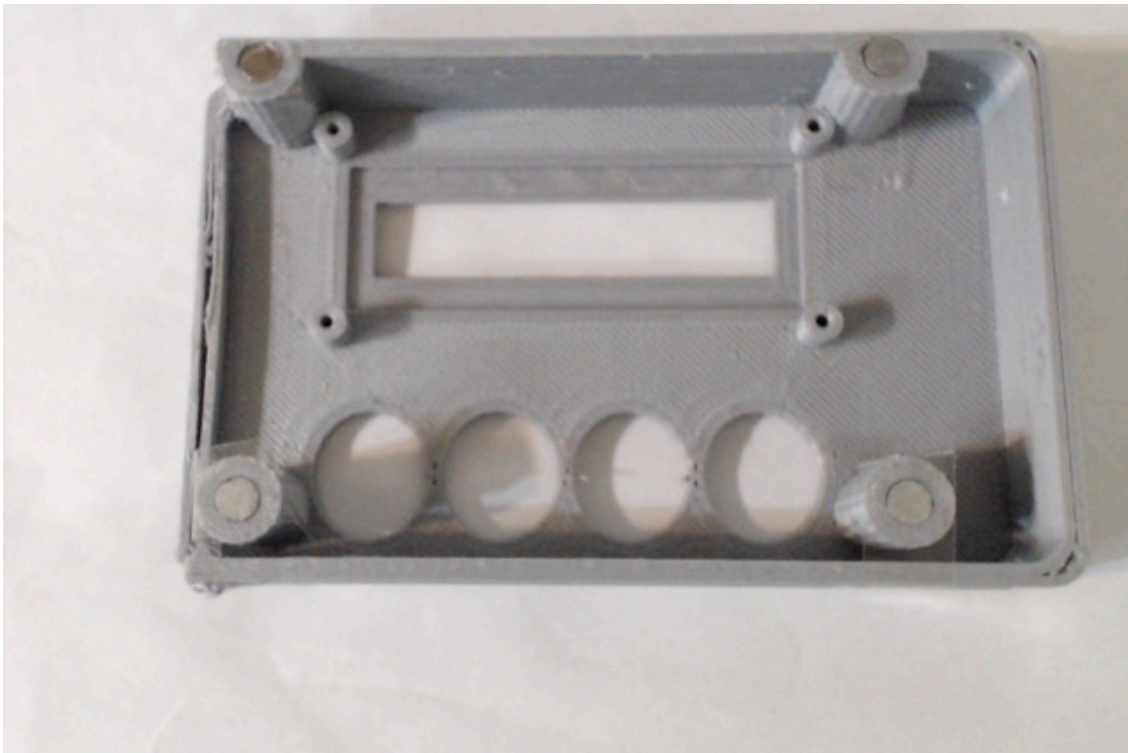


Hawk 102-12 with VK3YZ FCO

Then I've designed and 3D printed a cover for the speaker side for the LCD mounting. True to form, I got the size wrong so “fixed” it with a hack saw.

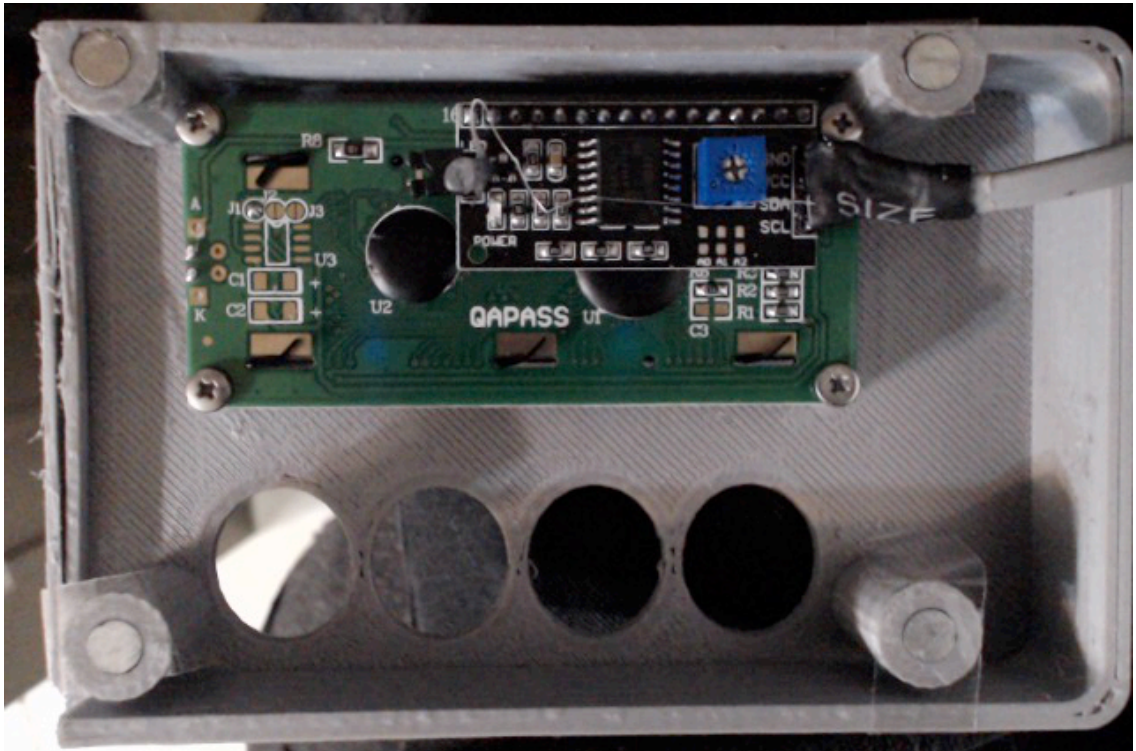


This front will (hopefully) be held in position with magnets. The 4 large holes let the sound out.



Hawk 102-12 with VK3XYZ FCO

The LCD is screwed into the front part..



And the whole thing looks ok :)

