



W3IWI Notes:

1. Parts values are not critical. The values shown happen to be the values I used.
2. Make R1 = R2 to set DC level of '123 inputs to ~50% of Vcc
3. Make the Time Constant of C2-R3 to ~1 second. (TC in sec = R3 in megohms * C2 in uf.)

4. The R4-C4 lo-pass filter suppresses pulse on power-up.
5. Battery return is thru data cable shield to act as a power switch when VOX is unplugged from FT817.
6. I cut a 3.5 mm patch cord with connectors on both in half to make the P1 & P2 computer connections.
7. I used a PS-2 keyboard extension cable to provide the shielded mini-DIN cable for P3. A cable salvaged from a junked PS2 keyboard may work fine.

Radio Shack parts I used (everything else came from junk box):

Small Box = Radio Shack 27-1801 = 2" x 3" x 1.2"
 74HC123 = Radio Shack 276-2824
 Small PCB = Radio Shack 276-159B

Title		
FT817 Digital VOX BOX		
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