

Michael A. Volz michael@mvolz.info Radar, Antenna, Signal Processing Research

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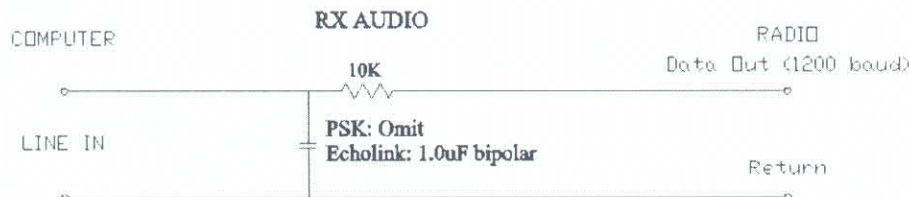
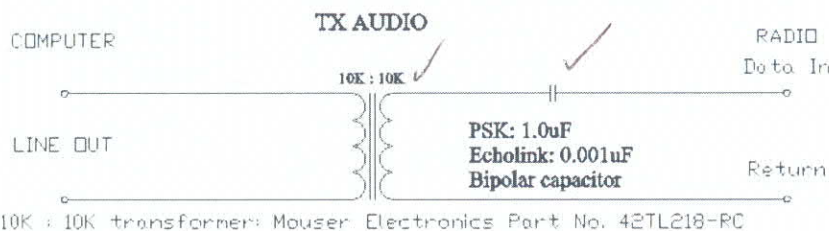
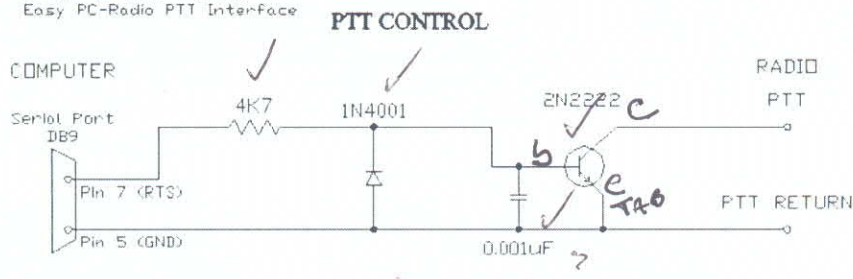
Easy PC/Radio Interface

Note: If you intend to use this for PSK31 or other digital modes, you would use the 1.0µF series capacitance for TX audio.
 If you intend to use this for voice modes such as Echolink, you would use the 0.001µF series capacitance for TX audio.

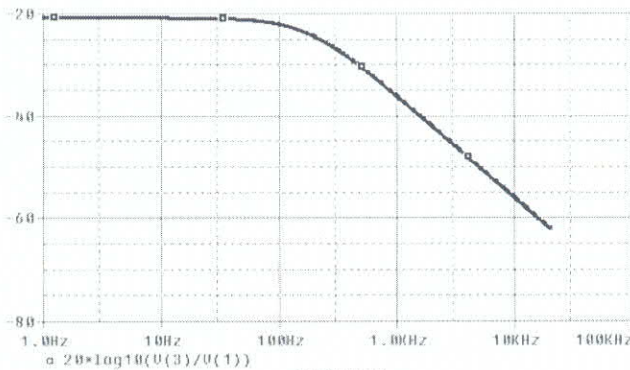
The 0.001µF series capacitor provides a high-pass filter to pre-emphasize the audio into the flat TNC 10Kohm audio input. Otherwise, your audio will sound like a broadcast radio with the Tone control turned fully counterclockwise (overly bassy audio).

The 1.0µF shunt capacitor provides a low-pass filter to de-emphasize the audio into the flat computer input for RX voice audio. Otherwise, your audio may sound tinny (like Tone control turned fully clockwise).

Michael A. Volz - W2NRL
 Easy PC-Radio PTT Interface



RX audio response-Echolink (PSK has a flat response due to no capacitor)



TX audio response-Echolink