COMPUTER END OF BOARD

RADIO END OF BOARD

RS-232 from computer::   PCB Marking   D1   4N25   mic in

DB-9 PIN 4, DTR:: —————— DTS ——▷|——   1   5   D3   PTT

1N4148A

D2   4   1N4004   Do not exceed 25 volts or 50 ma on the push to talk contacts.

DB-9 PIN 7, RTS:: —————— RTS ——▷|——   2

1N4148A

R1

DB-9 PIN 5, SIG GND:: ———— GND ——\/\/\——   PTT GND

1K

600:600   C1

Audio From PC   T1   R2   .1UFD   MIC IN

2k

Audio From PC   MIC GND

600:600   C2

Audio to PC   T2   R3   .1UFD   RX AUDIO

2k

Audio to PC   RX AUDIO
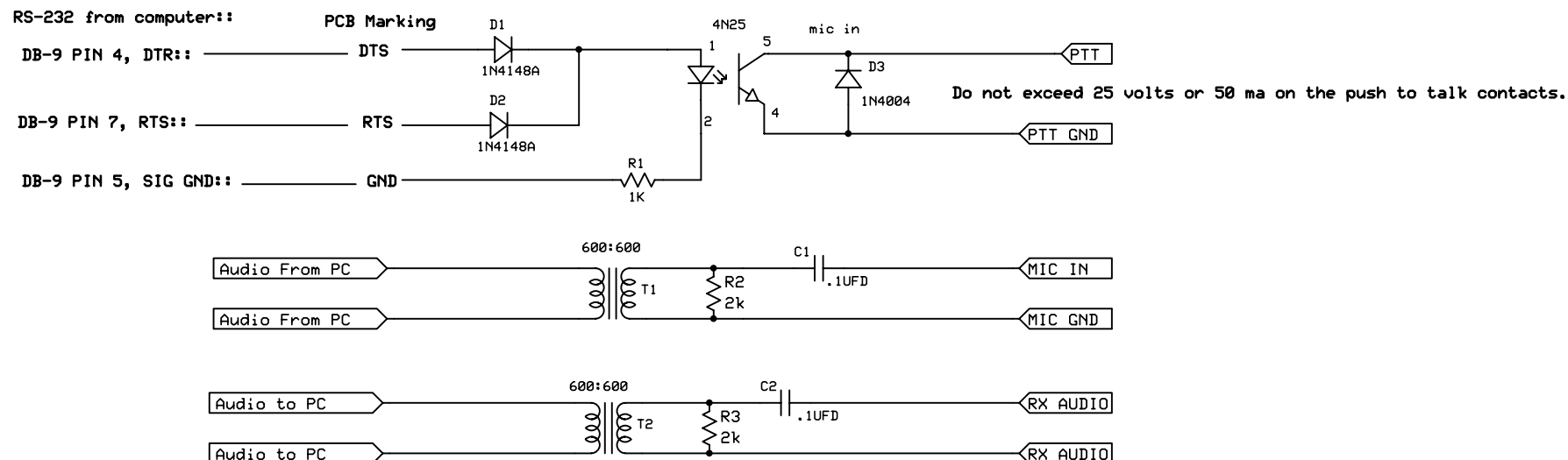
INSTALLATION INSTRUCTIONS

Wire the interface to your radio as indicated in the above diagram. Be sure to not cross any wiring.

Connect the RS-232 Connector to a DB-9 serial port on your PC, or, you can use a USB to Serial adapter.

If using a USB to serial port adapter, be certain to install the adapter per instructions received with the adapter

Start up your software program and configure the "COM" port to address the serial connection to the interface.

Adjust the audio output of your sound card to approximately 30% of full scale.

Set your software program to "TRANSMIT", and adjust the microphone gain on your RADIO to the power level

you wish to transmit, but do not overdrive your transmitter. Monitor the ALC reading, and as soon as you begin to see

movememt of the ALC meter, back your microphone gain off until the ALC meter no longer reads any activity.

The above applies to HF SSB activity. For FM Transcievers, adjust the output level of your sound care for best

audio quality on the receive end being careful not to overmodulate your fm transmitter.

Adjust the audio output level of your received audio to the appropriate level for the software program you are using.

Pretty much that easy, enjoy!

KF5INZ		
Easy Digi PCB		
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