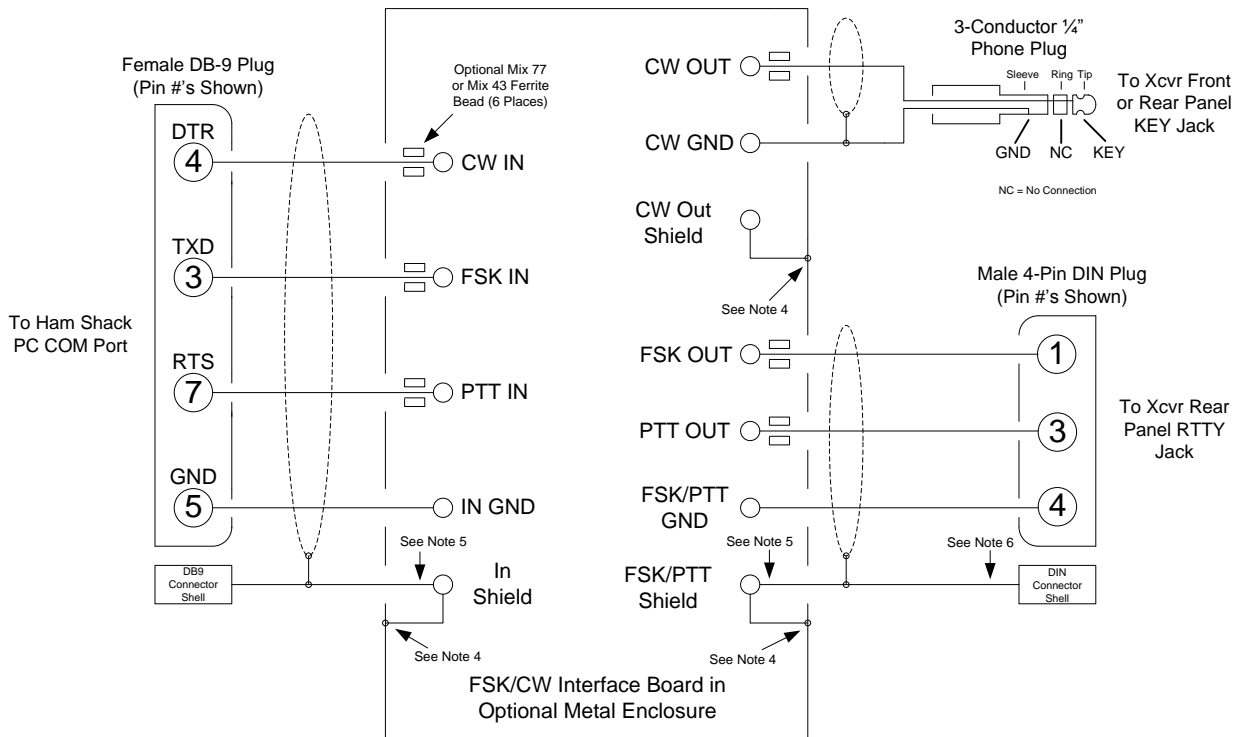


# Yaesu FT-2000 and FT DX 5000 Series Transceivers Recommended Interconnection Diagram



## Notes:

1. The connections shown above have been verified for the FT-2000 series transceivers and documentation for the FT DX 5000 series transceivers indicates that the same connections apply to that series of transceivers as well.
2. For CW, you must use a 3-conductor 1/4" phone plug, even though the ring is not connected.
3. Make sure the transceiver RTTY menu items are set for normal polarity and 170Hz shift. You may set any desirable mark frequency that is available in both the transceiver and MMTTY or other RTTY software you may be using. **IMPORTANT:** Make sure that both your transceiver and your RTTY software are set to the same mark frequency.
4. This connection made by mounting the board with metal standoffs or connecting the interface board mounting hole to the metal interface enclosure. You may also ground shields directly to the metal enclosure, if desired.
5. This connection optional. You may float the shield at the interface by leaving it disconnected and insulated from the metal interface board enclosure.
6. If the cable used with the DIN connector is shielded, you may optionally connect the shield to the DIN connector metal shell. This will ground the shield to the transceiver chassis.
7. RTTY and contest software, e.g., N1MM, WRITELOG, etc., must be configured for FSK, not AFSK, RTTY operation. Refer to the software documentation for instructions.
8. For receiving with external RTTY software, e.g. MMTTY, MixW, etc, receive audio must be provided to the line-level input of the PC soundcard with a separate cable not shown above. Receive audio can be obtained from the rear panel AF Out jack, the external speaker jack, or the headphone jack. If using audio from the external speaker jack or the headphone jack, care must be used to avoid overdriving and possibly damaging the input of the soundcard when making these connections. Attenuators and impedance matching may be required. Do not attempt if you are not knowledgeable regarding such interconnections. Note: The FT-2000 series transceivers do not provide a CW or RTTY monitor at the AF Out jack, only at the speaker and headphone outputs. This will not affect normal RTTY receive using audio from the AF Out jack, but you will not hear the RTTY monitor when transmitting unless you are listening to audio from the speaker or headphone outputs.