

You will need to connect at least 2 sets of cables:

- PC to TNC
- TNC to radio

Both sets of cables should be shielded. If you are buying cables, you will invariably find that they are already shielded.

PC to TNC

- You have a choice of buying or making the cables. Which one is for you? These cables are easy to buy or you may have ones readily available
- Does your PC have a serial port? Hopefully, yes
 - Check the serial port (usually a 9 pin male)
- If there is no serial port, you will need either:
 - A USB/serial adaptor (do NOT buy a Belkin! A Keyspan is recommended), or
 - A PCMCIA/serial card
- Install a ferrite around your cable to suppress RFI. These can be bought at Radio Shack or your local electronic parts store

TNC to radio

1. Often, you will be able to find a cable available to buy for your radio and TNC from [Buxcomm](#)
2. If you make a cable, remember that shielded cable must be used
3. Check in your TNC manual for the correct pin connections
4. Install a ferrite around your cable to suppress RFI.
5. Keep cables short

Notes:

1. Keep these connections separate in your mind and the conditions that they operate at. Many people get them confused!!
 - The PC to TNC will operate at 9600 or 19,200 bauds
 - In a Kantronics TNC, this is set by the parameter ABAUD or MODE
 - The TNC to the radio will operate at 1200
 - In a Kantronics TNC, this is set by the parameter HBAUD

Exercises:

1. Send a note when you complete this section.
to kb2wf@yahoo.com.
In the title of your email, place your callsign and the Section number

If you have any questions, don't hesitate to ask for help.