

How to connect the Turbo35 to a PC Using HyperTerminal

1. Locate the HyperTerminal application on your PC and start it.

2. HyperTerminal will present the user with a dialog box in which you may name a new connection and select an icon for it. Enter an appropriate name and choose an icon you like. Click once on the "OK" button.

3. A dialog box entitled "Connect to" will appear. Click on the arrow of the drop-down combo box entitled "Connect Using". Select "Direct to Comx" where "x" is the number of the Com port on your PC which you intend to use. For most PC's, this will be Com1, but this can vary, especially with laptops. Newer PC's may not have a Com port. Click once on the "OK" button.

4. Another dialog box will appear in which you can set the communications parameters for the Com port you selected. Select Bits per Second = 9600, Data Bits = 8, Parity = None, Stop Bits = 1, and Flow Control = Hardware. Click once on the "OK" button.

5. Use the mouse to select (click on) File|Save from the main HyperTerminal menu. This will save the connection you have just created.

6. Now, use the mouse to select File|Exit to exit the program. When you do, the program group window will reappear from underneath where the HyperTerminal was. You will see the icon you selected appearing in the window, with the title you selected appearing underneath. Double-click on the icon to activate your connection.

7. Now, make sure that you have connected the 9 pin serial PC cable/null modem connection as it is shown in the picture at left. Connect the PC end of the cable to the com port you selected.

8. On the Turbo35, press the "DATA" button until the selection you want appears on the display. This will most likely be "Graph Manual". Then, press the "Start" key. If you have done everything correctly, and data from a discharge is present in the Turbo35's memory, a graph will be transmitted and will appear on the HyperTerminal window.



The cable and adapter shown are available from any Radio Shack store, or from their web site (www.RadioShack.com). The Radio Shack part numbers are as follows:

Null Modem Adapter	#26-264
6 ft. Serial RS-2432C Cable Male DB9 to Female DB9	#26-117