Operating ASX-100 With HyperTerminal

1) Connect the ASX-100 with the computer by use of communication cable, plugging into the com 1 port on both the asx-510 and the computer.(The asx-100 may be on or off at this time)
2) On the computer go to HyperTerminal, must win (95,98, and NT) have HyperTerminal in the accessories folder, which can be found be clicking on start then highlighting programs then go to accessories then highlight HyperTerminal. There will be a few choices in HyperTerminal folder but choose Hyper Terminal.
3) A window should show up looking like figure 1-1. Enter **COM 1** in the name box as shown.

Figure 1-1

4) Make sure that **connect using** says **com 1**, as shown in figure 1-2

Figure 1-2

5) Then a window with COM 1 Properties should pop up as shown in figure 1-3. Make sure you change **Bits per second** to **9600**, and **Flow control** to **Xon/Xoff**, as shown in figure 1-3. Once these are entered then click OK.

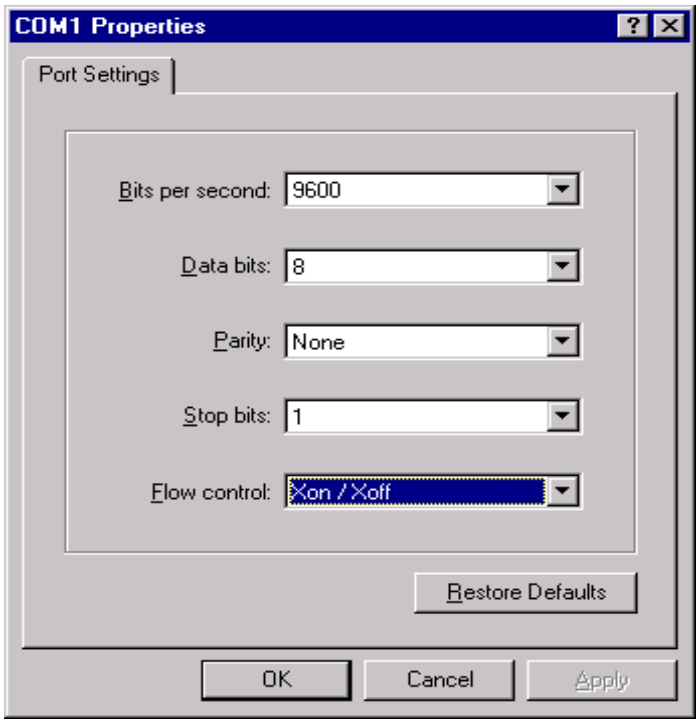

Figure 1-3

6) Once you click ok the Hyper Terminal window will open as shown in figure 1-4.

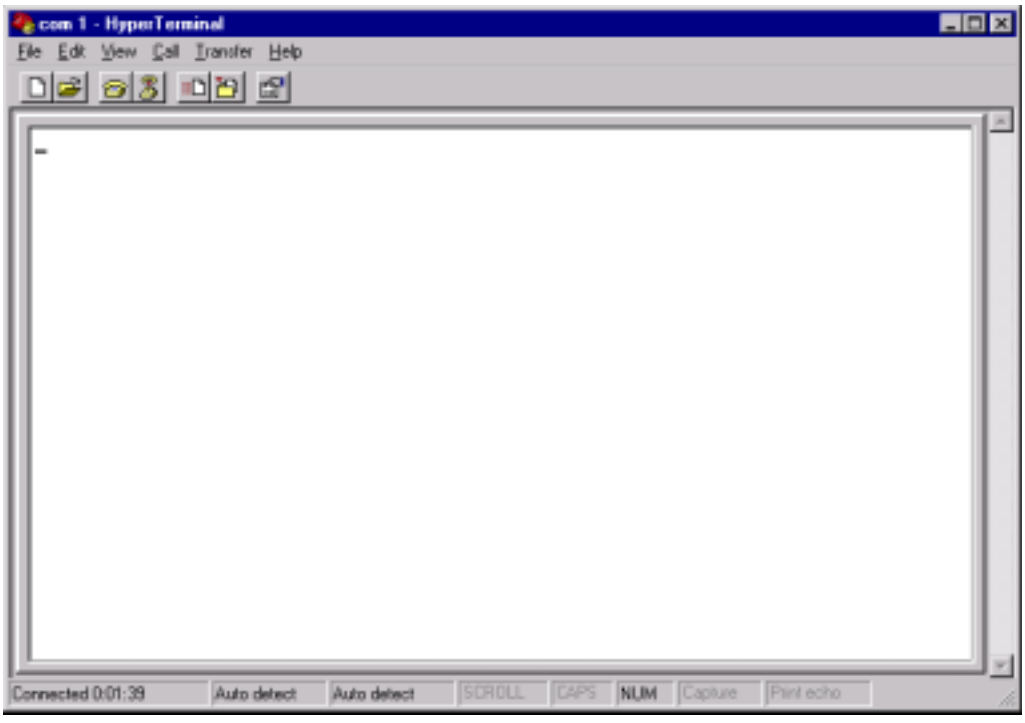

Figure 1-4

7) With the Hyper Terminal window open click on **File** then highlight **Properties.** When Properties window pops up click the **Settings tab** as shown in figure 1-5.

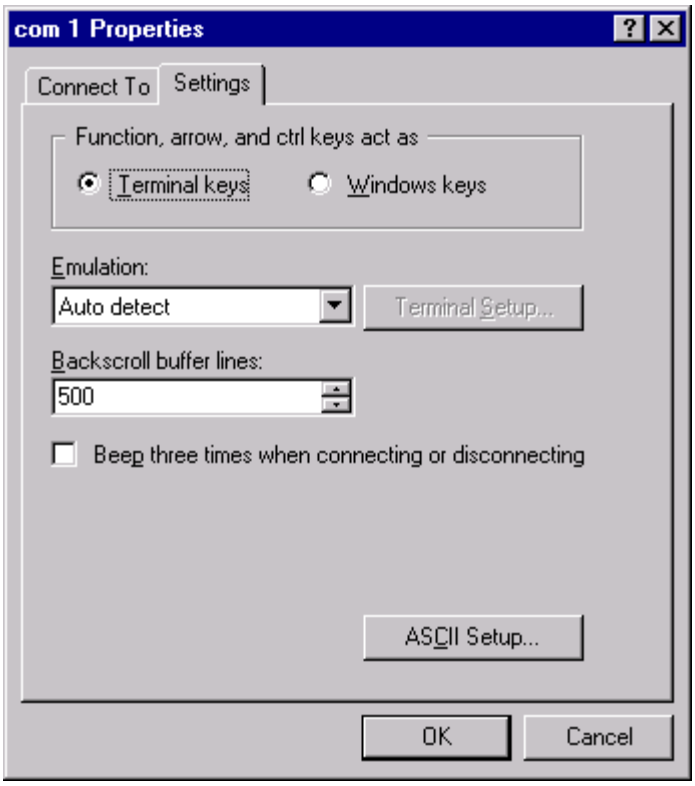

Figure 1-5

8) Now click on the **ASCll Setup…** box as shown in figure 1-5. A window for ASCll Setup will appear as shown in figure 1-6. You will need to check **Echo typed characters locally** and **Append line feeds to incoming line ends** as shown in figure 1-6. Click OK.

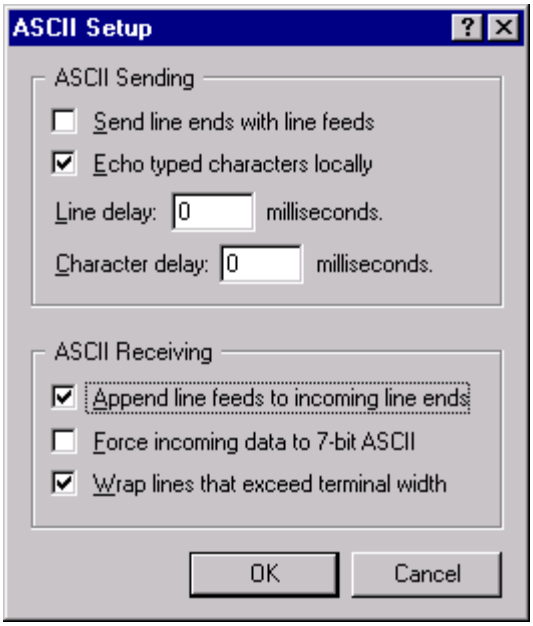

Figure 1-6

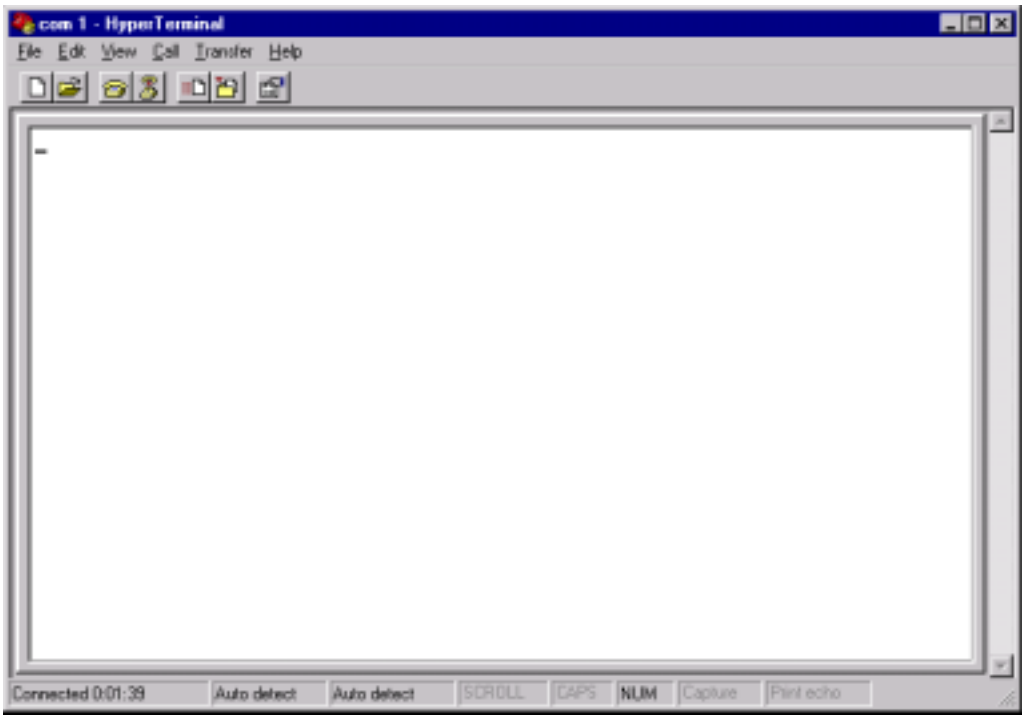

Figure 1-7

9) You should know have a window that looks just like figure 1-7.
10) Turn on the ASX-100 unit and the Hyper Terminal should return an **OK,** then try some of the other commands that I have given below.
11) Here are some commands that you may try.
    a) **Ver** (returns firmware version)
    b) **Home** (returns all axis to home position, same as power up)
    c) **Tray=n** (defines tray size and **n**= #of positions)
    d) **Tube=3-4** (tube=row-column as defined by tray command)
    e) **Std=n** (set asx-100 to standards around rack n= position)
    f) **Park** (same as std=1, take probe to rinse station)
12) With these commands you should be able to determine if the ASX-100 is communicating and functioning properly. If more assistance is needed please contact customer service.