



Using the Digitrax® PR1 to Program TCS or other Decoders.

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I encountered 2 problems and have detailed my solution to the problems below. **If you have programmed ANY decoder on your computer, you do not have the first problem and can skip to the second page.**

The first problem is getting a **good communications port (com port)**. If you do not have a red slash across the com port logo, you have a com port **but not necessarily a good com port**. The instructions furnished with the PR-1 talk about a **DB 9 to DB 25 port not working well**. The diagram (lower right) may help explain what the problem looks like. It became obvious **I needed a serial port card with a RS 232 port**. The card I purchased had a parallel port and a DB 9 serial port on the card plus a **10 pin plug (9 pins won't do!) to a DB 25 (RS 232) serial port** included.

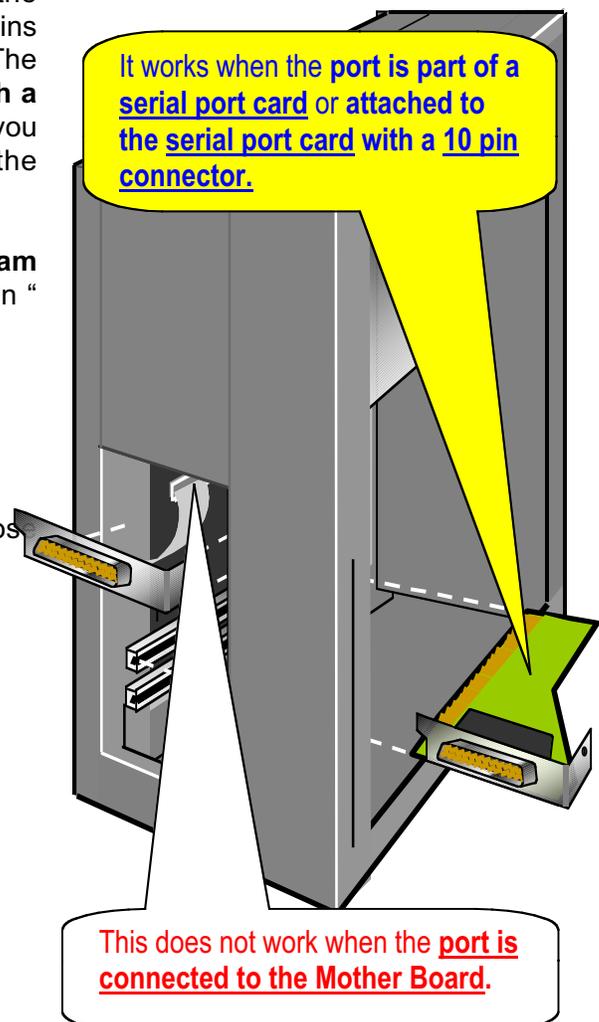
The instructions with the card did not explain the installation of the 10 pin plug. The board is marked for pins 1 & 2 and 9 & 10 but the plug was not marked at all. The key is that the 10 wire band to the plug had **one wire with a red tracer**. This is number 1 so connect it that way. If you solved the problem, you will be able to complete the following setup step.

After you install the drivers, start the PR1 program and click on the Blue and White PR1 box. Now click on "Serial Interface".

- Step 1. Find the PR1 Com Port.
- Step 2. Set the Baud Rate.
- Step 3. Check all 3 boxes
- Step 4. Click on " O.K. ".

The next piece of information will be helpful to those who are not Windows literate. **If you need to disable the FIFO option**, follow these steps:

- Step 1. Open " My Computer ".
- Step 2. Open " Control Panel ".
- Step 3. Open " System ".
- Step 4. Click on " Device Manager ".
- Step 5. Click the + sign by " Ports (COM & LPT) ".
- Step 6. Open the Serial Port connected to the PR1.
- Step 7. Click on " Port Settings ".
- Step 8. Click on the " Advanced " button.
- Step 9. Uncheck the box starting " Use FIFO Buffers "
- Step 10. Click on " O.K. ".
- Step 11. Set the " Bits per Second " (baud rate).
- Step 12. Click on " O.K. ".
- Step 13. Click on " O.K. ".
- Step 14. Close " Control Panel. ".
- Step 15. Close " My Computer. ".



**"Tower Type" PC Shown With
Cover Removed**

