

USB TO RS232 SERIAL DB9 CONVERTER

USB2-VE487-TG

Quick Setup Guide



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TERA GRAND USB2-VE487-TG USB TO RS232 SERIAL DB9 CONVERTER

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A. Introduction

Converts the RS232 Serial DB9 to USB for your computer

- Converts the PRS-801 connection to USB
- Supports Windows 8, 7, Vista, 2000, XP, 98, Apple MAC O8 or higher, Linux 2.4.0 and later, Open-BSD 2.9 and later & FreeBSD 4.7 and later
- Installed as a standard Windows COM ports, Full RS-232 modem control signals, RS-232 data signals; TxD, RxD, RTS, CTS, DSR, DTR, DCD, RI, GND
- Provides instant connectivity with modems, ISDN terminal adapter, PDA, bar code scanner, label printer, and devices with DB9 SERIAL ports
- Powered by USB port. Include a 33" long USB extension cable inside the package

Premium High Speed USB 2.0 Serial Adapter with FTDI Chipset for NoteBook and Laptop Users. It has one Status LED and uses FTDI Chip for up to 230K Speed. Converts a USB port into a 9-pin male RS-232 serial port capable of speeds up to 230,400 bps.

This USB Serial Adapter provides instant connectivity with modems, ISDN TAs, PDS, handheld & pocket PCs, digital cameras, POS, serial printers, etc. It is suitable for remote access, retail and industrial applications, data collection and other applications requiring a High speed and or LOW serial communications port.

B. Installing the Drivers for the Tera Grand USB Adapter

Follow these steps to install on a Windows computer.

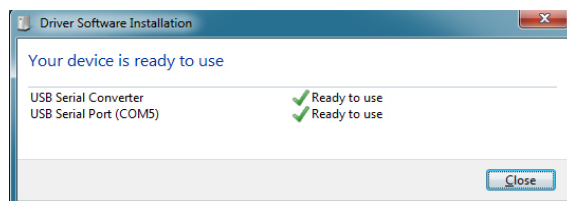
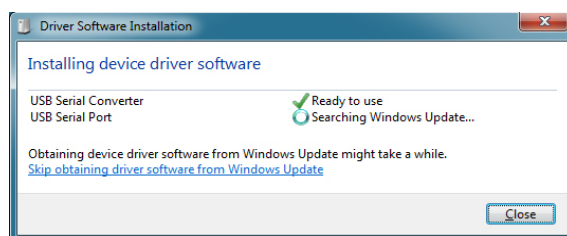
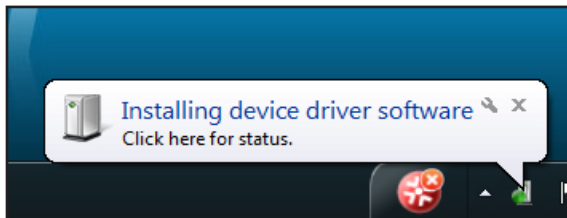
NOTE

Drivers will be installed automatically on Windows Vista, Win7 and Win8. If your Operating System is Windows XP or older, you will need to install the drivers from the supplied CD-ROM. You can also download the drivers from our website at <http://www.prostat-corp.com/support>.

Step 1

Connecting the adapter

1. Connect the Tera Grand USB adapter to your computer's USB port.
2. For Vista, Win7 and Win8, the drivers should install automatically. If the install is unsuccessful, install the drivers from the CD-ROM.



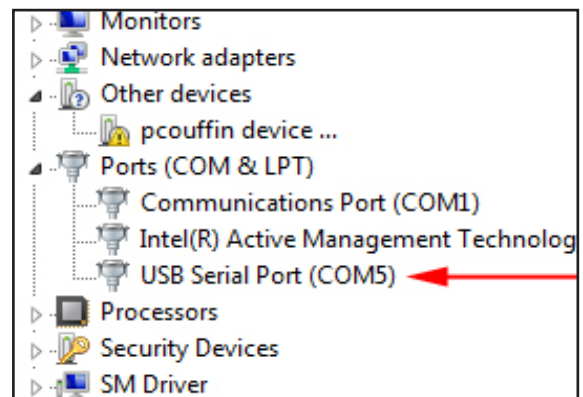
Step 2

Configuring the COM Port

Once the drivers have been installed successfully, you need to make sure the COM Port number is configured to listen on Port 1, 2, 3 or 4.

To configure the **COM Port Number**, do the following:

Click on **Start** and right-click on **Computer**, then select **Properties**. In the top left corner of the Computer System window, click on **Device Manager**. Double click on **USB Serial Port** under **Ports (COM & LPT)**.

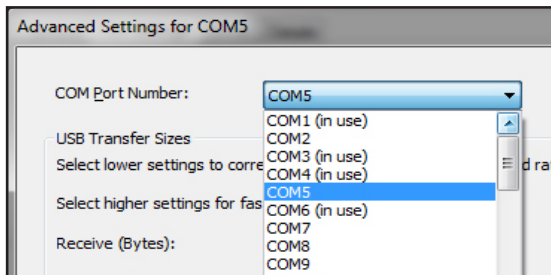
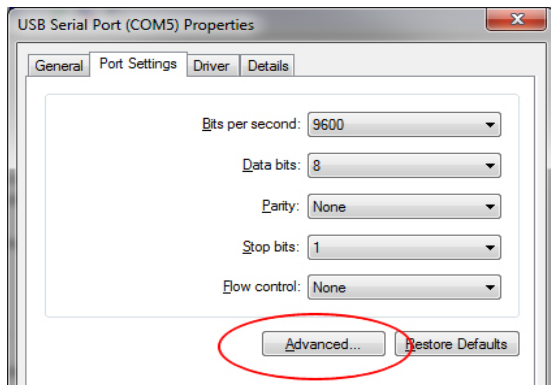


Step 3

Port Settings

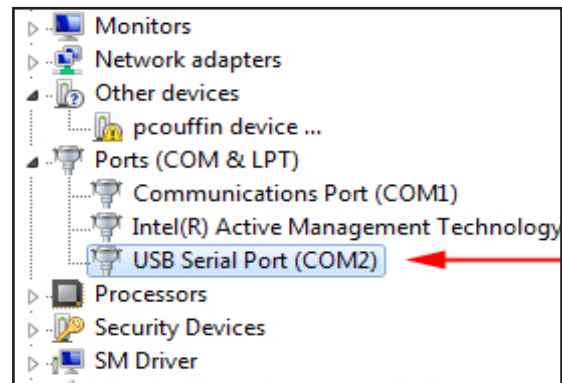
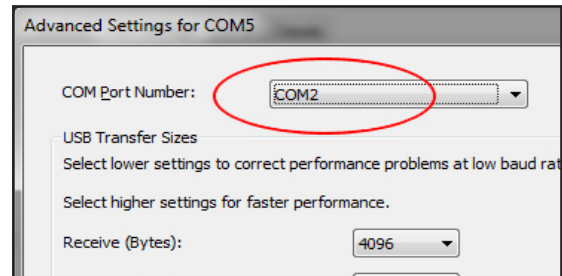
Note: If the Port number displayed is any number lower than 5, skip to Step 5.

1. In the **USB Serial Port Properties** window, click the **Advanced** button.
2. Click to expand the choices under **COM Port Number** and select an available number between 1 and 4.



Step 4

3. Once you've selected a port number between 1 and 4, click on **OK** to confirm the changes.
4. Close out of the **USB Serial Port Properties** window.
5. Remember which Port Number was selected, as you will need to use the same port number in the **CONNECT Utility**.



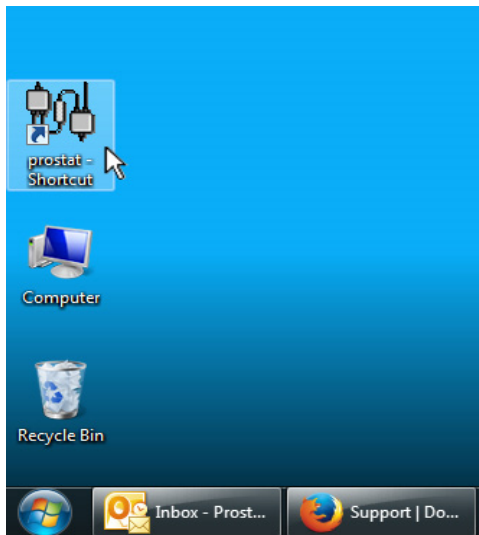
NOTE: If **COM Port Numbers** 1 through 4 are taken, you will need to disconnect, uninstall or contact your system administrator to make the changes in order to use the **Prostat CONNECT Utility**.

C. Install and start the Prostat CONNECT Utility

Step 5

Install the CONNECT Utility

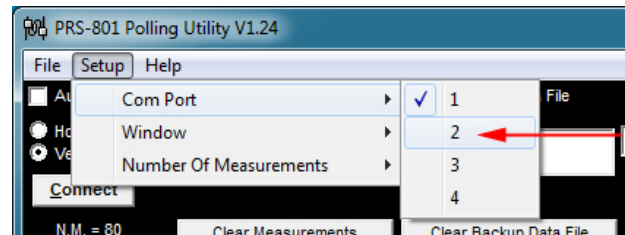
1. Insert the supplied CD-ROM (or download the utility from our website) into your computer to install the **Prostat CONNECT Utility**.
2. Once installation is complete, launch it by double-clicking the icon on your Desktop.



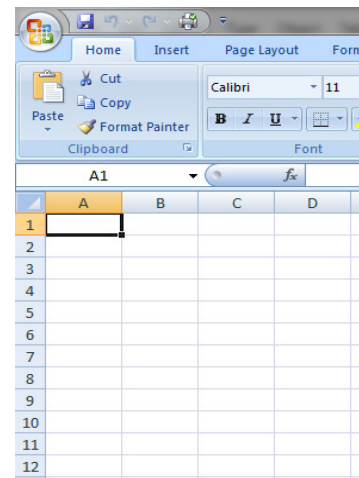
Step 6

COM Port Setup in the CONNECT Utility

1. Click on **Setup** and under **COM Port**, select the same number you setup in the System Property (see step 4).



2. Start **Microsoft Excel®** and place your cursor in the first cell where the data will be transferred.



D. Connecting the PRS-801 to your computer using the adapter

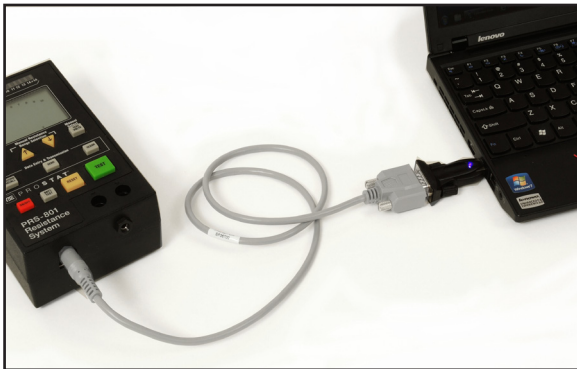
Step 7

Insert the Connection Cable to the PRS-801

1. Insert the supplied **PRS-801CIC** Computer Input Cable to the PRS-801 Resistance Instrument.



2. Attach the other end of the connection cable to the Tera Grand adapter:



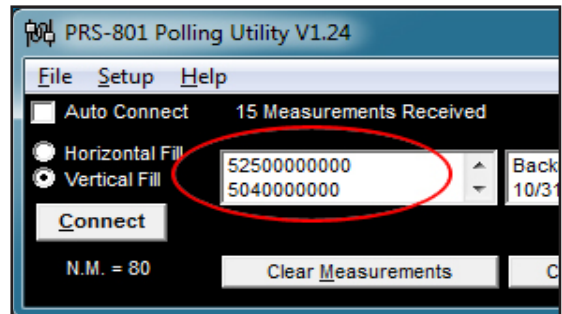
Step 8

Send Data Points to the CONNECT Utility

1. Turn on the PRS-801. When ready, press the **SEND** button on the Resistance Instrument.



2. All the Data Point stored in Memory will be transferred into the **CONNECT Utility**.

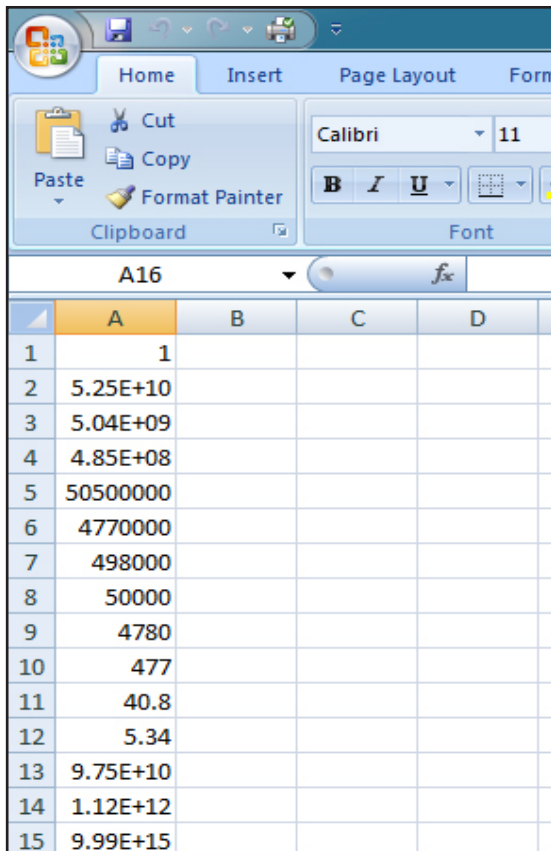


E. Sending the Data Points to Microsoft Excel®

Step 9

Sending the data to Excel®

1. You will see how many measurements transferred to the **CONNECT Utility**.
2. Select if the data should be copied **Horizontally** or **Vertically**, then press the **Connect** button.
3. All the data points should now appear in your Excel® Spreadsheet.



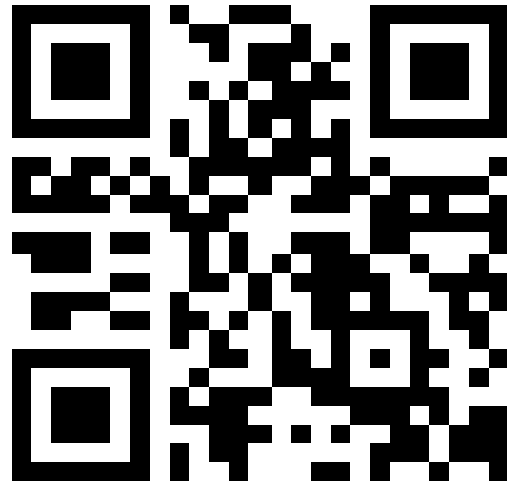
	A	B	C	D
1	1			
2	5.25E+10			
3	5.04E+09			
4	4.85E+08			
5	50500000			
6	4770000			
7	498000			
8	50000			
9	4780			
10	477			
11	40.8			
12	5.34			
13	9.75E+10			
14	1.12E+12			
15	9.99E+15			

Tutorial

To learn more about how to record measurements in the PRS-801's memory, read **Chapter M of Section VI: Instrument Operation** of the PRS-801 User Manual.

You can also watch a Video Tutorial by scanning the barcode below or visit our YouTube Channel at:

<https://www.youtube.com/user/ProstatCorporation>



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