

Until there is a demand for it, no stand alone software has been written to read and display the data from TeleRein. There are a number of options that might be allowed for; customer response will dictate what the final functionality and appearance might be. The most likely application is a real time strip graph presentation.

To ascertain if you feel that the ability to upload and process data on a PC might be useful, the following method may be used. It is only designed to work with Windows XP, Vista, or 7, and cannot process the data in real time.

Download the FTDI USB driver from the link below.

<http://www.ftdichip.com/Drivers/VCP.htm>

Download Br@y terminal from the link below.

<https://sites.google.com/site/terminalbpp/>

Install the Br@y terminal package and the FTDI USB driver on your PC.

The picture shows the settings (baud rate, data bits, etc.) that must be used on Br@y terminal. To discover which COM port is being used by the PC, run Br@y terminal before plugging in the TeleRein USB cable, and **ReScan** the COM ports, click on **COMs** to display the ports. Once TeleRein is plugged in, do another **ReScan**, click on **COMs** again, and the new COM port will show up, select that in the drop down **COM port** box.

Connect Br@y terminal, and the data should start arriving when the TeleRein upload switch is set up.

The data format is:

<Frame counter, 0 to 255, then rolling over>, <two byte integer, left side, 8.3 gm/count>, <two byte integer, right side, 8.3gm/count>

The data is separated by spaces. The frame counter increments by one for each data packet, any missing digits indicate data loss (poor receiver reception, your TeleRein receiver and PC needs to be within 60m of the transmitter)

Unlike the displayed data on TeleRein, which has a median filter run over it, the data from the USB link is unprocessed raw data. To get the actual gram force data, multiply each data value by 8.3

The data may be logged in Br@y terminal, using the **StartLog** button on commencement, and **StopLog** when finished. Alternatively, use the mouse to cut a copy of the data, and paste it into a basic text editor, saving it as an ASCII file.

In either case, the file may now be read into a spreadsheet, typically Excel, or any alternative.

It may then be processed and displayed to the users liking.

