

## Setting up Hyper Terminal for use with 521/621/631

Connect the printer to the PC/Notebook via a serial cable. Pin outs etc are as the standard CLP Serial cable connection, in the User manual or on the web site

**We always recommend you use a Citizen serial cable to ensure compatibility.**

**On the PC** - Open Hyper Terminal – select a new connection and name it (if you want to)

Hyper terminal should be set to “Auto Detect” by default (may need to set to the printers baud rate but not normally).

With the Hyper Terminal screen on the monitor, turn on the printer holding the Mode, Feed and Stop buttons.

If every thing works as it should (in XP anyway) the printer will communicate with windows, configuring Hyper Terminal etc with the correct speeds (usually 115k baud for this process, regardless of the printers serial port settings). The Terminal screen will show:

\* Factory Setup

Up: PAUSE Select: FEED Down: STOP Exit: MODE  
Settings Terminal Mode VT100

You can now press the buttons on the printer and the Terminal screen (on the PC) will change as per the above instructions

If you have any problems:

Open Hyper Terminal

You will be asked to name the connection

In Connect to: select the com port you want to use

In Port Properties: make the following selections

Bits per sec: 115k

Data bit: 8 (default)

Parity: None (default)

Stop bits: 1

Flow Control: X-on/X-off

As documented in the technical manual (CLP 521 – From page 3-27, CLP 621 – 3-41) it does not matter what speed the printer baud rate is set for this process. However if you need to use Hyper Terminal for any other specific purpose, such as getting the printer status replies, the printer and hyper terminal should be set to the same baud rate, it does not matter which rate is selected as long as both halves of the whole are set the same, i.e. Printer 9600, Hyper Terminal 9600.

More details of this process are in the CLP 521 and CLP 621 Technical manuals, page details above. Generally when using Hyper Terminal, you will find, no mater what baud rate the printer is set at, Hyper Terminal in communicating at 115k baud.