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Visiplex VS-40 PC Interface

The following information describes the protocol for the transfer of RS-232 serial information between Visiplex VS-40 paging encoder and a PC computer system.

The unit can be connected directly to a PC RS-232 port, setup as **2400BAUD, 8BIT, 1**, NONE. A DC voltage of 10V-12V / 2Amp. should be supplied to the unit.

DB9 Pin out Pin 5 - GND
       Pin 4 - Power +12V /2A
       Pin 3 – RS-232 RX
       Pin 2 – RS-232 TX

The send page command format is: **PTMNNNNNNNDDDDD…….D<CR>**
When:

> **P** is a command character
> **T** is the pager type and could be 'A' or 'N' for alphanumeric or numeric pager
> **M** is the pager mode and could be '0'..'9', 'A' or 'B' when:
> > '0' is 512BPS function bit 0
> > '1' is 1200BPS function bit 0
> > '2' is 2400BPS function bit 0
> > '3' is 512BPS function bit 1
> > '4' is 1200BPS function bit 1
> > '5' is 2400BPS function bit 1
> > '6' is 512BPS function bit 2
> > '7' is 1200BPS function bit 2
> > '8' is 2400BPS function bit 2
> > '9' is 512BPS function bit 3
> > 'A' is 1200BPS function bit 3
> > 'B' is 2400BPS function bit 3
> **NNNNNNN** is the seven digits pager capcode
> **DDD…….D** is the data field up to 245 characters
> **<CR>** is the Carriage Return character (ASCII 13)

If the data format is valid the VS-40 will send back **'*'** to indicate page sent. If there is an error in the data format the system will send back **'?'** as a response.