

Paperclip /Loopback test

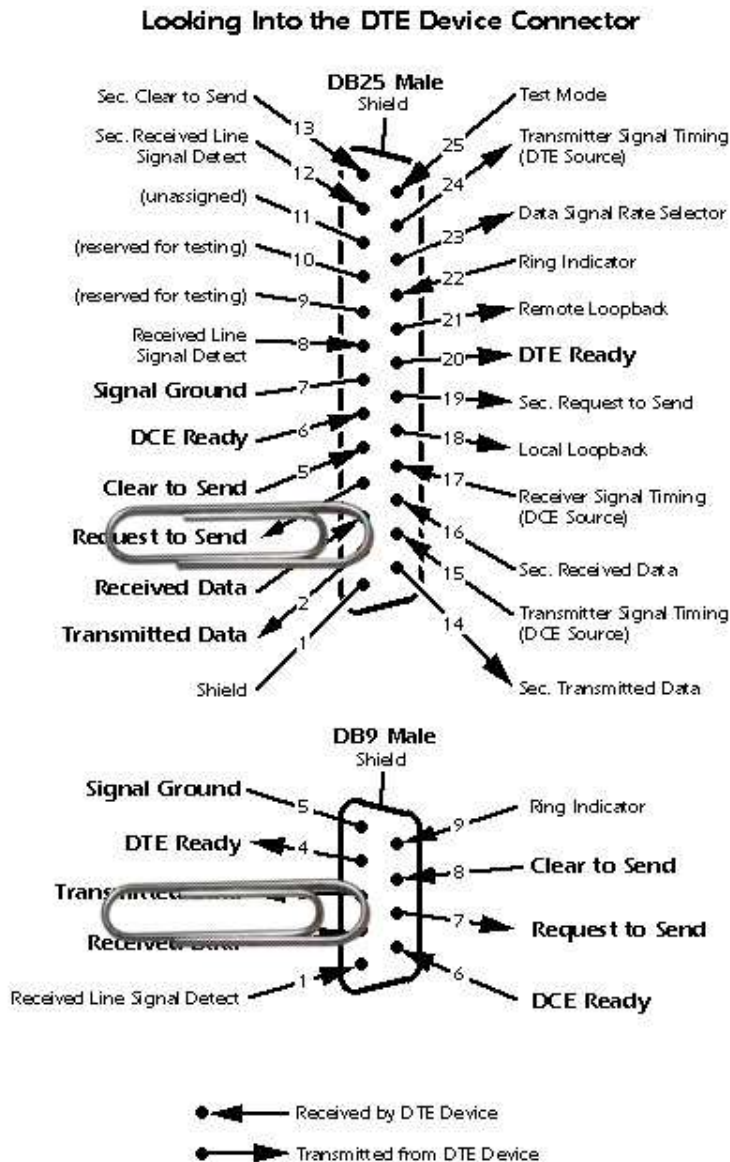
In PC DNC Editor

I/O menu

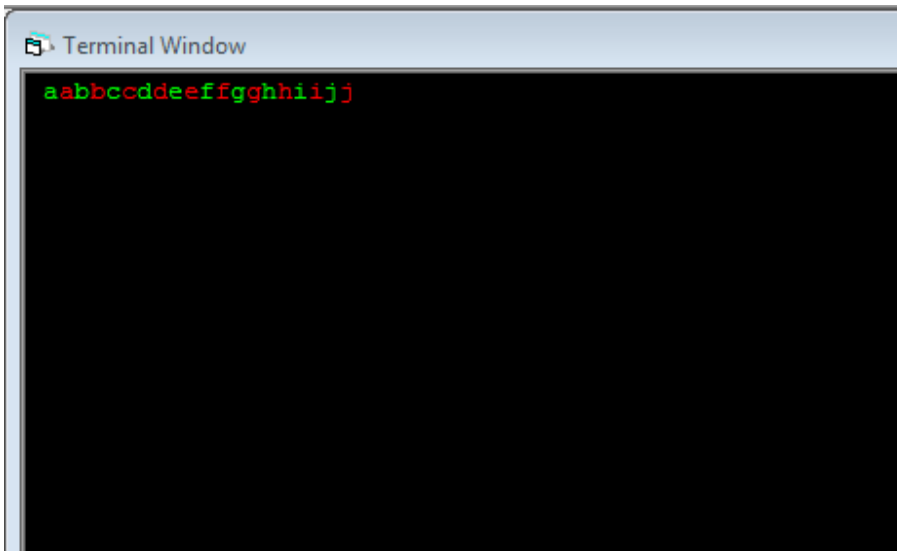
Select I/O device

Open Terminal Window

Unplug RS232 cable from the machine. At the end you just unplugged, have someone hold a paperclip to pins 2 & 3 as shown in diagram, being careful not to touch the paperclip to the sides of connector.



IN PC DNC Editor, type a character in Terminal window. You should see the character on the screen and also the same character in a different color next to it if two way communication is established.



In PC DNC Plus

Open PC DNC Plus software

Click on machine you are testing

Open Terminal Window

Unplug the RS232 cable from the machine. At the end you just unplugged, have someone hold a paper clip to pins 2 & 3 being careful not to touch the paperclip to the sides of the connector.

In PC DNC Plus, Type a character in Terminal window. You should see the character on the screen and also the same character in a different color next to it if two way communication is established. (see image above)

You can also perform this test at the port on a serial hub (Quatech, Comtrol or Moxa) or directly on the serial port of a computer (older computer models) or at the end of a USB to serial adapter for more modern computers that don't have a native serial port.

If the connector is female you have to jumper pins 2 & 3 together by unfolding the paperclip and sticking each end in pin 2 and pin 3 and then performing the test above.