



Information

Wiring for RJ45 Connections: DP100/200/202

The connections for the RJ-45 sockets on the back of DP100/200/202's are shown below. This is the view of the socket, as seen from the rear of the unit.



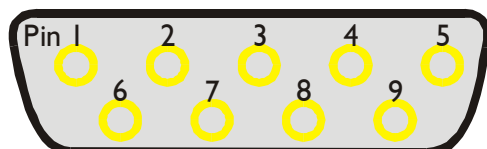
Pin 1: Ground

Pin 2: 'A' or +ve

Pin 3: 'B' or -ve

Note that the signal levels present on the RJ-45 connector are NOT compatible with standard RS-232 ports. They conform to the RS-485 protocol, and so require a RS-485 to RS-232 converter to be placed between the COM port (serial port) of the computer and the unit to be controlled.

With reference to the recommended converter that XTA can supply for you, the pinout of the RS-485 side of the converter is:



Pin 1: Ground

Pin 2: 'A'

Pin 3: 'B'

The other end of the converter is an identical 9-pin female D-type that connects directly to the serial port of the computer. If a cable is to be used to connect the converter to the computer (as opposed to plugging it in directly), the cable must be wired 1-1, with no pin swaps. A NULL modem cable will **NOT** work, due to pins 2 & 3 being swapped.

The converter, together with a kit of useful adapter cables is available from XTA. Its part number is INT-485.

