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LW Select 310: Serial Connection to MS-DOS Computer (4/93)

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Security: Everyone

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TOPIC -----

Can you connect a MS-DOS/Windows computer to the RS-232 serial port of a LaserWriter Select 310?

Also, can you use both serial and parallel ports at the same time?

DISCUSSION -----

To answer the second question first: you CANNOT use the parallel and the serial ports simultaneously. The LaserWriter Select 310 will get confused as it polls both ports for data.

You may be able to connect an MS-DOS or Windows computer to the RS-232 serial port of the LaserWriter Select 310 and print documents, but Apple does NOT support this solution. Apple only supports connection to a MS-DOS or Windows computer through the Centronics parallel connector.

If you want to try to connect the Select 310 serial port to your MS-DOS or Windows computer, we have included the pinouts below for the DB-25 to DIN-8 cable (DTR/DSR protocol is enabled). You will also need a communications program to send data to the printer at 57.6K baud.

Remember that the LaserWriter Select 310 is a PostScript-only printer and does not emulate any other printers.

Cable Pinouts

(DTE)

25	8			
PIN	PIN	Signal	Description	I/O
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2	3	/TXD	Transmit Serial Data	Output
3	5	/RXD	Received Serial Data	Input
6	2	DSR	Data Set Ready	Output
7	4,6	GND	Signal Ground	
20	1	DTR	Data Terminal Ready	Input

The remaining pins are not connected.

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