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LaserWriter: Connecting to Apple II or Apple III

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A LaserWriter, mode switch set to Special (Diablo 630 emulation), can be connected to an Apple III or to an Apple II with Super Serial Card (SSC).

from Apple III or SSC			to LaserWriter			
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DB-25 connector			DB-25 connector			
signal	-	pin	wiring	pin	-	signal
Tx		2	<->	3		Rx (Receive Data)
Rx		3	<->	2		Tx (Transmit Data)
Signal Ground		7	<->	7		Signal Ground

Apple II DIP Switch Settings (with SSC in DTE)

Switch block 1	Switch block 2
1 off	1 on
2 off	2 off
3 off	3 off
4 on	4 off
5 off	5 off
6 on	6 off
7 on	7 off

The above setting result in:

- 9600 baud, printer mode
- normal CTS
- 8 data bits, 1 stop bit
- no delay after CR
- 132 characters/line
- no line feed after CR
- interrupts off
- normal CTS

Apple III Driver

Use the standard .PRINTER driver, which uses the built-in serial (RS-232C) port. The five parameters to set in the driver configuration block are:

byte 1 (data rate) 0E = 9600 baud
byte 2 (data format) 00 = 8 bit, no parity
byte 3 (CR delay) 00 = no delay
byte 4 (LF delay) 00 = no delay
byte 5 (FF delay) 00 = no delay
<None>

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