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Color StyleWriter 2400: Communication Rate (3/96)

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TOPIC -----

What baud rate (data rate) does the Color StyleWriter 2400 communicate at? Does the speed vary depending on which Macintosh computer is printing to the printer?

DISCUSSION -----

The Color StyleWriter 2400 communicates almost constantly at 884.7 kbaud with any Macintosh computer using System 7.x. When the printer is first powered ON, the serial port is set for 57.6 kbaud. The Color StyleWriter 2400 printer driver then queries the printer at 57.6 to determine the type of printer. Once the driver determines it is a Color StyleWriter 2400, as opposed to another printer such as the StyleWriter II, the driver knows the printer supports an external clock so it then sets the printer's serial port speed to 884.7 kbaud. The driver continues using this baud rate until the connection is closed. Once the connection is closed, the port is set to 57.6 kbaud.

The printer supports a 230.4 kbaud rate, but that rate is not used.

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