



# Tech Info Library

## Macintosh: RS-422 and RS-449 Communications at 56K Baud

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Security: Everyone

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RS-422 is a subset of RS-449 signalling. Therefore, the two can be directly connected with no external interface needed.

RS-449 is a combination of RS-232, RS-422, and RS-423 and, as such, contains all the characteristics of these existing standard communications methods. RS-449 has additional connections for greater control over the interchange of data than previously existed with the current standards. Because RS-449 can use differential signalling (as used in the RS-422 interface), the data rate is higher than that imposed by RS-232 and single-ended signalling.

To communicate at high Baud rates (like 56K) through the serial port, take a look at the following software packages:

- MicroPhone II(from Software Ventures)
- VersaTerm-Pro (Peripherals, Computers, and Supplies Inc.)
- DynamComm (FutureSoft)

Note: V.35 is a 48 Kbit, baseband system, operating in the 60 to 104 KHz group band, over a modem. It is not directly compatible with the serial data output from a Macintosh.

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