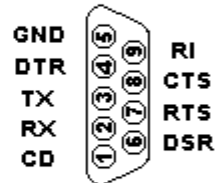


RS-232 Serial Communications

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The RS-232 standard defines the connectors, pinouts and voltage levels used between 'data terminal equipment' (DTE) such as a dumb terminal or a computer, and 'data communications equipment' (DCE) such as a modem.

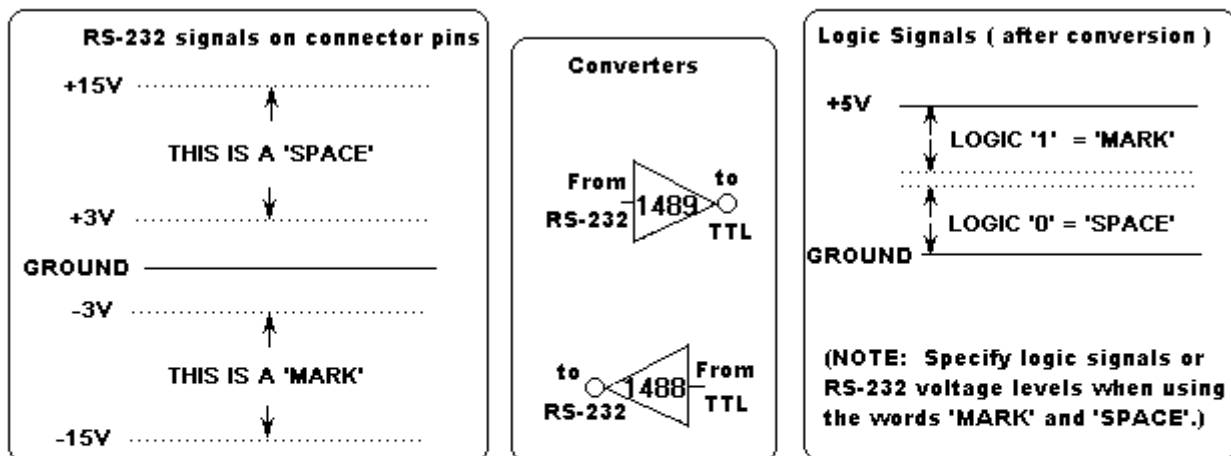
Connectors: A 'DB-9' connector is now used. It replaces the older 25-pin connector. The gender of the DTE end is male and the DCE end is female.



DB-9 male connector

Pinouts:	Pin #	Name	Direction
	1	Carrier Detect (CD)	From the modem to the computer.
	2	Data Receive (RX)	From the modem to the computer.
	3	Data Transmit (TX)	From the computer to the modem.
	4	Data Terminal Ready (DTR)	From the computer to the modem.
	5	Ground (GND)	Ground
	6	Data Set Ready (DSR)	From the modem to the computer.
	7	Request To Send (RTS)	From the computer to the modem.
	8	Clear To Send (CTS)	From the modem to the computer.
	9	Ring Indicator (RI)	From the modem to the computer.

Voltage Levels:



A 'Null' Modem: A connection between two DTE devices.

