



Title: DC2-PC Serial Interface Cable for Hardware Handshaking
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Summary

It can be difficult from some terminal programs to implement hardware handshaking over the DC2-PC serial interface using the cable wiring described in the DC2-PC manual. NOTE: this information does *not* apply to the DC2-STN.

More Information

A typical RS232 device uses the RTS and CTS signals (DB9 connector pins 7 and 8) for hardware handshaking. The cable recommended in the DC2-PC manual uses DTR and DSR (DB9 connector pins 4 and 6) for handshaking. This configuration will work with some, but not all, terminal software (handshaking on these pins may be interpreted as "end-of-message", instead of "please wait").

The following serial interface cabling implements hardware handshaking on pins 7 and 8 of the DB9 connector and should work with any serial interface program that supports hardware handshaking:

DC2 J4 Header	DB9 (Female)	DC2 J4 Header	DB9 (Female)
1	-	6	6
2	8	7	7
3	2	8	9
4	4	9	5
5	3	10	1

Standard RS232 pin designations for the DB9 connector:

Pin	Signal	Description
1	CD	Carrier Detect
2	RD	Received Data
3	TD	Transmitted Data
4	DTR	Data Terminal Ready
5	SG	Signal Ground
6	DSR	Data Set Ready
7	RTS	Request to Send
8	CTS	Clear to Send
9	RI	Ring Indicator