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Mini DIN-8: Serial pinouts for Hayes modems

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TOPIC -----

What are the cable pinouts for a Macintosh Plus or later connected to a Hayes modem (Mini DIN-8 to DB-25)?

DISCUSSION -----

signal	dir- ection	Macintosh Plus & later Mini Circular DIN-8	Hayes DCE connector	signal	dir- ection
HSKo (DTR)	out	1	6 20	DSR DTR	in in
HSKi (CTS)	in	2	8 5	DCD CTS	out out
TxD-	out	3	2	TxD	out
Gnd		4 8	1 7	Gnd	
RxD-	in	5	3	RxD	in
		6			no connection
		7			no connection

Connect pins:

1. Macintosh side of cable: 4 and 8

2. Hayes side of cable:

- a. 6 and 20
- b. 8 and 5
- c. 1 and 7

The pins on the male end of the circular Mini DIN-8 connector are numbered as shown:

6 7 8
3 4 5
1 2

You could also use the Apple II Printer - Mini DIN-8 Cable (part number 590-0556 or 590-0335), although the pinouts are slightly different.

Below are the pinouts for connecting the Hayes V series 9600 baud modems to the Macintosh with a DIN-8 serial port, direct from Hayes:

Hayes 9600 V	Macintosh
1-7	4-8
2	3
3	5
5	2
4	1

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