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Mini DIN-8: Serial pinouts for Hayes modems

Revised: 7/17/92
Security: Everyone

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Article Created: 3 March 1986
Article Last Reviewed: 17 July 1992
Article Last Updated: 17 July 1992

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		Hayes DCE connector	signal	dir- ection	
		Mini	Circular DIN-8				
HSKo (DTR)	out	1		6	DSR	in	
				20	DTR	in	
HSKi (CTS)	in	2		8	DCD	out	
				5	CTS	out	
TxD-	out	3		2	TxD	out	
Gnd		4		1	Gnd		
		8		7			
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
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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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Tech Info Library Article Number:1780