

# Connecting to DCE/DTE

1. Connecting to DCE				2. Connecting to DTE			
DCE (Modem)		HPS-120		HPS-120		DTE (PC)	
(Output) DCD	1	X	1 DCD (Output)	(Output) DCD	1	→	1 DCD (Input)
(Output) RxD	2	→	2 TxD (Output)	(Output) TxD	2	→	2 RxD (Input)
(Input) TxD	3	←	3 RxD (Input)	(Input) RxD	3	←	3 TxD (Output)
(Input) DTR	4	←	4 N/A N/A	N/A N/A	4	←	4 DTR (Output)
N/A GND	5	—	5 GND N/A	N/A GND	5	—	5 GND N/A
(Output) DSR	6	→	6 DTR (Output)	(Output) DTR	6	→	6 DSR (Input)
(Input) RTS	7	←	7 CTS (Input)	(Input) CTS	7	←	7 RTS (Output)
(Output) CTS	8	→	8 RTS (Output)	(Output) RTS	8	→	8 CTS (Input)
(Output) RI	9	→ X	9 Vcc (Input)	(Input) Vcc	9	← X	9 RI (Input)
		(If applicable)				(If applicable)	

  

**Remarks**

1. X - Not Connected
2. A pin # 4 at HPS-120 is not used.
3. If the DCE (modem) and DTE (PC) are using either hardware flow control or DTR/DSR, you shall set the flow control for both of HPS-120 to DTR/DSR.
4. If the DCE (modem) and DTE (PC) are not using hardware flow control and DTR/DSR, you shall set the flow control for both of HPS-120 to None. In this case, you may connect just pin # 2, 3 and 5.
5. The HPS-120 doesn't support an RI signal. You can supply power using a pin # 9 for the HPS-120.