0.1 Misc. Cable Pinouts

Sections Include:

PAM Console Cable Wiring:

Amp 9 socket receptacle		De9S socket connector
1 Rx	----------	3 Tx
2 Tx	----------	2 Rx
3 DTR	----------	7 RTS (this pin is optional?)
4 Gnd	----------	5 Gnd
5 N/C		
6 Shield	----------	N/C
7 N/C		
8 N/C		
9 N/C		

PAM Electronics Box Analog Breakout Cable:

Amp 16-pin plug	Channel	Amp 9-pin recepticles	
1	0/4	1	+signal
2		2	-signal
3		3	shield
13,15		8	power
14,16		7	ground
4	1/5	1	+signal
5		2	-signal
6		3	shield
13,15		8	power
14,16		7	ground
7	2/6	1	+signal
8		2	-signal
9		3	shield
13,15		8	power
14,16		7	ground
10	3/7	1	+signal
11		2	-signal
12		3	shield
13,15		8	power
14,16		7	ground

IBM PC/AT RS-232 Serial Pinouts:

On IBM PC compatible machines, both serial and parallel ports may use DB25 connectors. The serial port on a PC is always a male connector (ie cable end is female), and the parallel ports use DB25 female connectors.

Signal	Direction	RJ45	DB25	DA15	DE9
RI (ring indicator)	in	1 Blue	22		9
DCD(data carrier detect)	in	2 Orange	8		1
DTR(data terminal ready)	out	3 Black	20		4
Gnd(ground)		4 Red	7	7	5
Rx (receive data)	in	5 Green	3	3	2
Tx (transmit data)	out	6 Yellow	2	2	3
CTS(clear to send)	in	7 Brown	5		8
RTS(request to send)	out	8 Gray or White	4		7
DSR(data set ready)	in		6		6
protective ground(shield)			1		

IBM PC/AT RS-232 Null Modem Configuration:

DE-9	Signal	Signal	DE-9 Pin	DB-25 Pin
2	RXD	TXD	3	8
3	TXD	RXD	2	3
4	DTR	DTR	4	20
6	DSR	DSR	6	6
1	DCD	DCD	1	8
7	RTS	CTS	8	5
8	CTS	RTS	7	4
5	GND	GND	5	7

IBM PC/AT Parallel Printer Port:

Signal	DB-25 Pin	Direction
-Strobe	1	out
Data-0	2	out
....	..	out
Data-7	9	out
-Ack	10	In
+Busy	11	In
+PE	12	In
+SLCT	13	In
-Auto Feed	14	In
-Error	15	In
-Init	16	In
-SLCT In	17	In
Gnd	18	In