Apple IIgs/c+ to Windows Direct Cable Connect

DB9 (PC) to Mini Din 8 (Apple) Pinout

Din-8	Din-8	🌈	🪟	DB-9	DB-9
Signal	Signal Function/Direction	Din-8	DB-9 Female	Signal	Signal Function/Direction
Handshake Output (DTR)	Control, to DCE	1	8	Clear to Send (CTS)	Control, from DCE
Handshake Input (DSR)	Control, from DCE	2	7	Request to Send (RTS)	Control, to DCE
Transmitted Data (Minus)	Data, to DCE	3	2	Received Data	Data, from DCE
Signal Ground	Ground	4	5	Signal Ground	Ground
Received Data (Minus)	Data, from DCE	5	3	Transmitted Data	Data, to DCE
General Purpose Input (DCD)	Control, from DCE	7	4	DTE Ready	Control, from DCE

Pin 7 of the Apple IIgs port is used for carrier detect. When pin 4 of the Windows PC goes low,
it will cause the BBS running on the Apple IIgs to see a "dropped carrier" and the BBS will reset.

Pins 6 & 8 of the Apple IIgs port are not used.
Copper telephone wire between the port connectors works best.
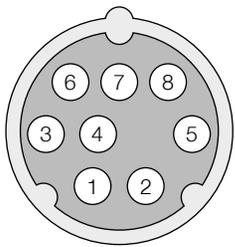
Pin #1 HSKo	Handshake signal, output
Pin #2 HSKi	Handshake signal, input
Pin #3 /TXD	Transmit data (inverted)
Pin #4 GND	Signal ground
Pin #5 /RXD	Receive data (inverted)
Pin #6 TXD	Transmit data
Pin #7 GPi	General-purpose input
Pin #8 RXD	Receive data

Pin #1 CD	Data Carrier Detect
Pin #2 RD or RX or RXD	Receive Data
Pin #3 TD or TX or TXD	Transmitted Data
Pin #4 DTR	Data Terminal Ready
Pin #5 GND	Signal Ground
Pin #6 DSR	Data Set Ready
Pin #7 RTS	Request To Send
Pin #8 CTS	Clear To Send
Pin #9 RI	Ring Indicator

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