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Logitech BBS:
BBS Parameters:
N, 8, 1; 300-14.4k; Full Duplex

CompuServe ID#:
76702,1367
Go Logitech

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LOGITECH MOUSE CONNECTOR PIN ASSIGNMENTS
Logitech FaxBack Document #1207

The following are the pin-outs for Logitech mice as documented in the **Logitech Mouse Technical Reference and Programming Guide**. Note that the wire colors are provided only for the bus mouse. Wire colors are not available for serial or pix-port mice.

Serial Mouse

Logitech's Type M, Type V and Type W serial mice are available with either a standard RS232C subminiature DB9S female connector compatible with the IBM AT, or an adapter for a DB25S subminiature female connector compatible with the IBM PC/XT.

9 pin	25 pin	Wire Name	Comments
shell	1	Protective Ground	
3	2	Receive Data	Serial data from host to mouse
2	3	Transmit Data	Serial data from mouse to host (for power only)
7	4	RTS	
8	5	CTS	
6	6	DSR	
5	7	Signal Ground	
4	20	DTR	

RTS = Request to Send CTS = Clear to Send
DSR = Data Set Ready DTR = Data Terminal Ready

To function correctly, both the RTS and DTR lines must be positive. The lines DTR-DSR and RTS-CTS must NOT be shorted. Implement the RTS toggle function by setting the RTS line negative and positive again. The negative pulse width is at least 100ms. After a cold boot, the RTS line is usually set to a negative level. In this case, setting the RTS line to a positive level is also considered an RTS toggle.

Bus Mouse

The Logitech bus mouse has a male D-subminiature or a male miniature circular connector, similar to the Microsoft InPort connector.

Wire Color	Mini-DIN Pin	Logitech P-Series Signal	Microsoft InPort Signal
Black	1	+5V	+5V
Brown	2	X2	XA
Red	3	X1	XB
Orange	4	Y1	YA
Yellow	5	Y2	YB
Green	6	Left	SW1
Violet	7	Middle	SW2
Gray	8	Right	SW3
White	9	GND	Logic GND
SHIELD	shell	chassis	Chassis