This explains how to connect a Logitech TrackMan, Bus Version, to a non-ADB NeXT computer. This should also work with a Bus Version MouseMan, but I've never tried it.

The diagram below shows the pin lay-out as they would appear when you are soldering wires to the pins.

Instructions for discarding the original TrackMan Cable:

1) First cut the plug off the TRACKMAN cable.

2) Strip off 1/2 inch of the cable covering.

3) Strip off 1/8 of the insulation on each of the collored wires.

4) solder the wires in column 1 below to the plug (new mini -DIN -8) using the color to pin list in column 2 below.

Alternate Instructions which preserve the original TrackMan Cable:

1) Pry off the little rubber feet from the bottom of the TrackMan.

2) Using a Philllips-head screwdriver, unscrew the bottom of the housing. Careful with the TrackBall and screws!

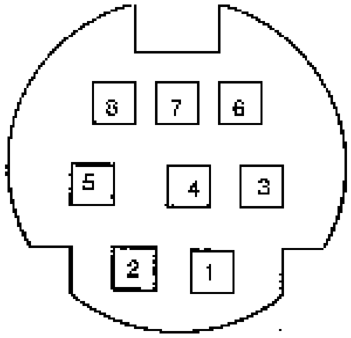
3) Solder the wires from an 8-pin mini-DIN Macintosh straight-through serial cable to the same connectors the origiinal TrackMan cable is soldered to internally, connecting the colored wire in column 3 below with the colored wire in Column 1. I'm pretty sure these colors are consistent with an Apple-supplied cable, but *you should check with an ohmmeter or continuity tester first.*

4) Drill a hole in the housing to let your new cable in. This way, you preserve the original cable in case you want to plug the TrackMan into a PC.

5) Screw the housing back together and reposition the little rubber feet. This is what I did and it works fine.

TrackMan *Wire Color*	*Pin Number* *On Mini-DIN Connector*	*Internal Wire Color on* *Macintosh straight-through erial cable*
Black	1	green
Brown	2	yellow
Red	3	red
Orange	4	black
Yellow	5	orange
Violet	6	brown
Green	7	violet
White	8	blue

3.2 Interface Connector



Front View of 8-Pin Miniature DIN Socket

Pin	Description
1	+5 Volt Supply
2	XA
3	XB
4	YA
5	YB
6	Right Switch
7	Left Switch
8	Ground
Shell	Chassis Ground

Thanks to MikePotopinski for these original instructions. I organized the table and added the instructions for preserving the original cable.

John S. Karabaic, jk@exNeXT.com, 513 825 6266, 513 825 0443 (fax)
Senior Software Engineer, Vanguard Software Corporation