

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:

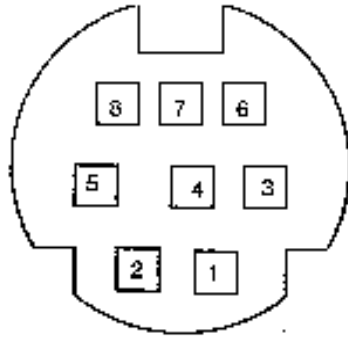
- 1) First cut the plug off the TRACKMAN cable.
- 2) Strip off 1/2 inch of the cable covering.
- 3) Strip off 1/8 of the insulation on each of the colored wires.
- 4) solder the wires in column 1 below to the plug (new mini -DIN -8) using the color to pin list in column 2 below.

Alternate Instructions which preserve the original TrackMan Cable:

- 1) Pry off the little rubber feet from the bottom of the TrackMan.
- 2) Using a Phillips-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 original 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.

| <i>TrackMan Wire Color</i> | <i>Pin Number On Mini-DIN Connector</i> | <i>Internal Wire Color on Macintosh straight-through erial cable</i> |
|--------------------------------|---|--|
| 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.

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