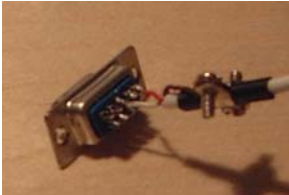


# World's Simplest PC-IR Remote control:

## Dummy's guide to making one

Oded Noam [odednoam@users.sourceforge.net](mailto:odednoam@users.sourceforge.net)



first component in the circuit



Second and last component



That's it! Simple, huh?



Now I have a remote control on my desktop!

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## Before you begin

Make sure you have all of the following:

1. An MS-Windows machine running Win95/98/2000/Me/XP.
2. A free serial port on your computer. A serial port is a 9-pin-male socket you'd find in the back side of your computer. (see picture)
3. A stereo that has an infrared remote. If you do not want to implement your stereo's remote by yourself, make sure a “remote definitions file” exists for your stereo on the PC-IR-Remote project homepage.

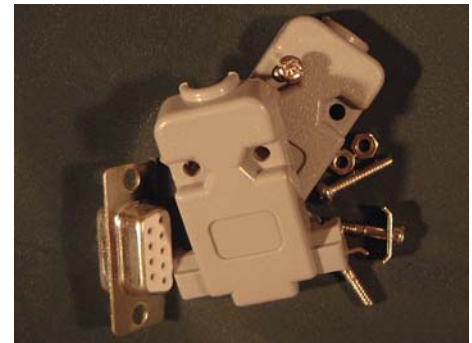


## Shopping List

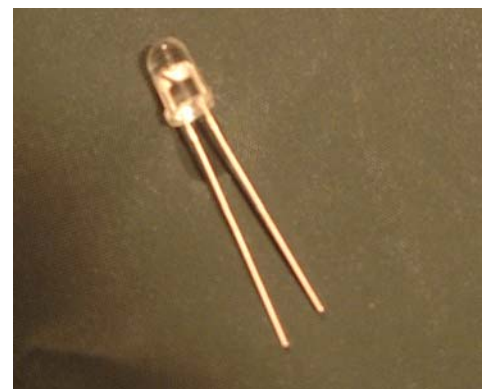
These are the components you will need in order to build the circuit. You should be able to buy them at the local radio/electronics shop. If you don't have one in your neighborhood, a stereo technician usually has these components and might be able to sell them. You can also order them online, but then the components will cost \$6 and not 50¢...

So here's what you need:

- DB-9 female plug (like an old serial mouse would have)



- Infrared LED (looks like a clear or dark-blue LED)



- Any length of 2-conductor wire.

Any phone, data or speakers wire should do. Wires of bad quality, or enormous lengths, might not work properly; I tested several types of wires of up to 20 meters (60 feet) of length, and they all worked allright.



You will also need:

- Solder and soldering iron

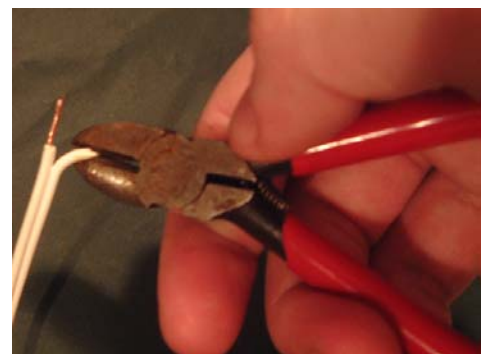


- Wire cutter

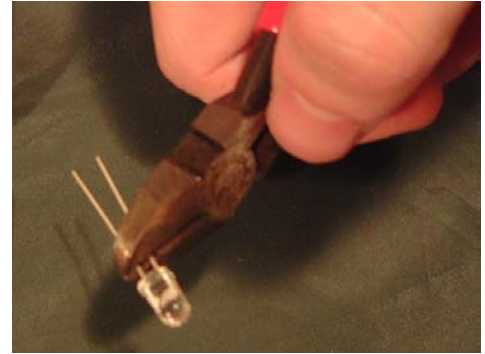


## Putting it all together

1. Reveal the conductor in both sides of the wire.



2. Shorten the LED's legs to 3 or 4 millimeters, using the wire cutter.



3. In one side of the wire, solder each conductor to one leg of the LED. **Make sure you don't short circuit!**



4. In the other side of the wire, solder one conductor to the back side of pin #3, and the other to pin #5 (pin numbers are etched on the plug's face).



5. Close the plug cover.



6. Connect to the computer and install the SimpleRemote software.