

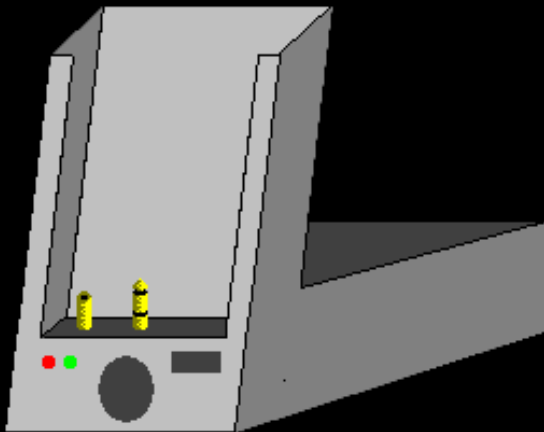


Real-Time Synchronization for TI Calculators

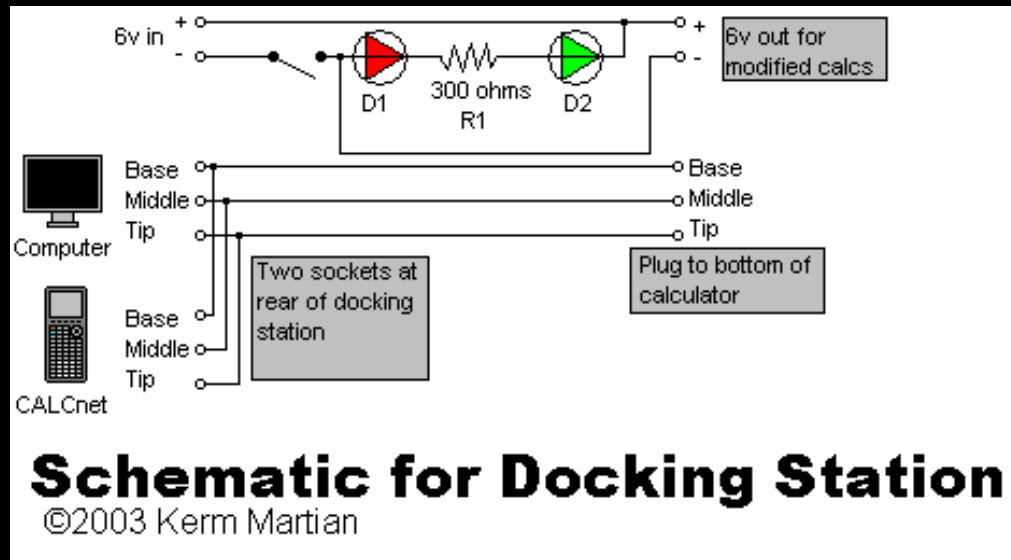
By Kerm Martian

Kerm_Martian@yahoo.com

<http://www.cemetech.tk>



Docking Station



Docking Station Schematics



Rear of Docking Station


This docking station allows you to connect your calculator to a computer without needing to hunt around for your Graphlink cable each time you want to exchange data between your calculator and computer. Simply build the device above, connect your Graphlink to the "Computer" port at the back of the docking station, and connect the other end of the Graphlink to your computer. Any time you want to exchange data, simply drop your calculator into the docking station! If you do not have an external power-modified calculator, omit the top portion of the schematic and the leftmost plug in the diagram to the above left.



Materials Needed:

- (1) 2.5 mm stereo plug
- (2) 2.5 mm stereo sockets
- (2) LEDs
- (1) SPST switch
- (1) Case
- (1) 300-ohm 1/4 watt resistor
- (1) 2-conductor power socket (*Optional - For modified calculators*)
- (1) 2-conductor power plug (*Optional - For modified calculators*)

Instructions

1. Put together the circuits as listed in the schematic above.
2. Put the case together or use a premade case.

3. Drill three holes in the rear of the case and install the three sockets.
4. Drill a hole in the middle of the docking station and install the 2.5 mm plug.
5. Cut a hole for the switch, put the switch in, and put in the screws.
6. Cut two holes for the LEDs and put them in. Add a dab of glue behind if needed
7. Connect your Graphlink to the  socket.
8. Connect the other end to your computer.

9. If applicable, connect the wire from a  network to the  port.

©2003 Kerm Martian