

## PURPLE.TXT

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*****
* MEMBER NAME: PURPLE *
*****
*****
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### How to Construct a Purple Box.

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The Purple Box is very simple to construct. It takes only six components and a PC board if you want. The Purple Box is a telephone hold button. It will allow you to switch phones very easily.

A red LED indicates when a party is on hold and is automatically extinguished when either party releases the line.

To install your Purple Box, remove the telephone case and locate the red and green wires. From the green wire, make a connection to L1 and from the red wire a connection to L2.

To test the circuit, call a friend and then while pressing the push button, hang up the phone. As soon as the phone is on the hook, you may let go of the push button.

#### Parts:

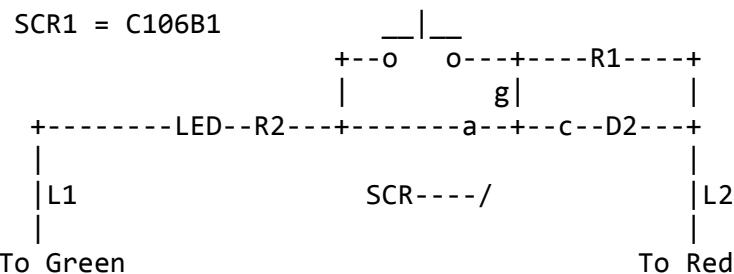
D1 = Light Emitting Diode (LED)

D2 = 1N4003 Diode

R1 = 820 ohm 1/2 Watt

R2 = 1K ohm 1/2 Watt

S1 = N.O. Push Button S1



The SCR is a three prong IC. The a,g, and c tell you what pins to use. The "g" pin is the one on the left if you look at the numbers.

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