

Chuck #1 @9811
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=/> How To Build A Pink Box <=&= Written By Baba O'Riley

The function of a Pink Box is to add a hold button that allows music or anything else to be played into the telephone while the person is on hold. This box can either be built right in the telephone or as a seperate box.

\=/= Materials Needed<=&=

some Bell wire or phone wire
a SPST momemtary switch RS # 275-1547
one resistor, 470 ohms RS # 271-019
one LED, 5 volts RS # 276-041
one SCR, number 2N5061
audio transformer (Ratio 10K:600)
RCA phono jack RS # 274-346
screwdrivers, soldering iron, solder, etc.

/= Construction <=&=

1. Open the wall box and locate the RED and GREEN wires.
2. Take a piece of RED wire, strip the end, and attach it to the red lead on the wall box. Do the same for the GREEN.
3. Connect the GREEN wire to the ANODE end of the LED.
4. Connect the CATHODE end of the LED to the UPPER pin of the primary side of the transformer (See diagram below).

To one phono pole ---! Top !--- To CATHODE of LED
!View !- Primary side
To other phono pole ---!_____!--- To pole or trans. & one pole of switch

5. Connect the pin directly across to one pole of the phono jack.
6. Connect the RED wire to one side of resistor and to the C pole of the transistor.
7. Connect the open pin of the switch the other side of the resistor and to the G pole of the transistor.

=/> Wiring Diagram <=&=

RCA Jack Transformer LED
 C A

Pole of Jack --/---! Top !---/---(*)--\-----GREEN wire
!View !- Primary --I---RED wire

Pole of Jack --/---! _____!---/-I (O)
 I I
 I [-I-----Pole of Switch
 I
 I-----Pole of Switch

====> Key To Symbols <====

Wire

I Connection or wire
 / Connection or wire
 _/ C pole of transistor --(*)--
 []-- G pole of transistor I
 I A pole of transistor (O) Resis
 I

! Top!--

! View!- Primary Transformer

! _____!--

====> Use Of The Pink Box <====

Hook the RED and GREEN wires up to the appropriate terminals and hook the
 RCA jack to the output on your stereo. Turn on your stereo at a good volume.
 Now call a friend. To test the Box, hold down the switch and hang up the
 phone. The LED should go on and your friend should hear music. If nothing
 happens, start over. The hold is shut off if you pick up a phone on that line
 or your end hangs up.

If you have any questions leave me mail on:

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The Dugout 201-573-1213

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Brought to you by: The Crack Crew

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