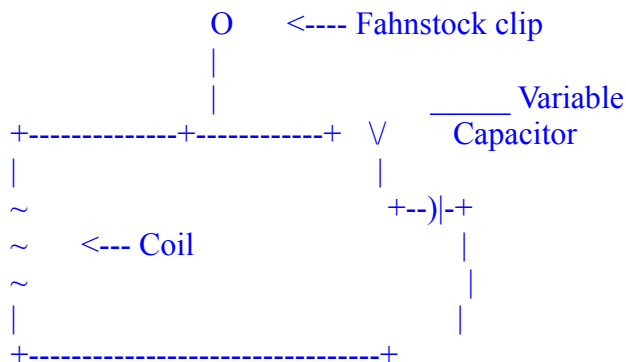


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 - The GRAB Box -  
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By: Shadowspawn (502)

This box is dedicated to all the people that can't solder two wires together, nevermind a complete circuit... The GRAB Box is probably the easiest box that can be made. It's also one of the most useful! This box uses inductive coupling to join with any radio that uses a coil for an antenna (such as an AM, longwave, or shortwave radio) and allows you to lengthen it considerably. I've seen these in DAK and other catalogues for 20+ dollars! Now DAK is a great company, but you can make one or two of these yourself for under seven dollars!

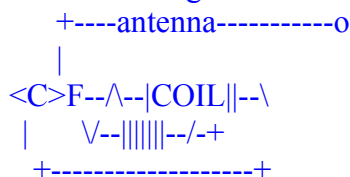
Here's the schematic, get ready to be surprised:



Things you'll need/specs:

- 365pF Variable Capacitor
- Hand-wound coil: 1 inch dia.  
 11 inches long with holes  
 2 inches from each end  
 and #22 enameled wire  
 wrapped between them.
- Three corner braces (brass)
- Four wood screws
- 1 x 3 x 13 or so baseboard
- 30+ foot wire w/ alligator  
 clip to attach to  
 Fahnstock Clip
- Fahnstock Clip

It'll look something like this:



| Sand the enamel off |  
 | the ends of the coil |  
 | the nearest end goes |  
 | to the F. clip, the |  
 | farthest end to the |  
 | plate contact. The |

| antenna clip goes to |  
| the F. Clip. |

Put this device next to the coil that's inside your radio.  
(The Grab box doesn't need to be inside it though, just close by)  
The closer you place it to your radio's coil, the stronger it is,  
the farther away, the more selectivity it has. And don't forget  
to peak the capacitor each time you change frequency...

You can usually pick up a few states around you during the  
day and stations all over the US and elsewhere at night! Have  
fun!!

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