

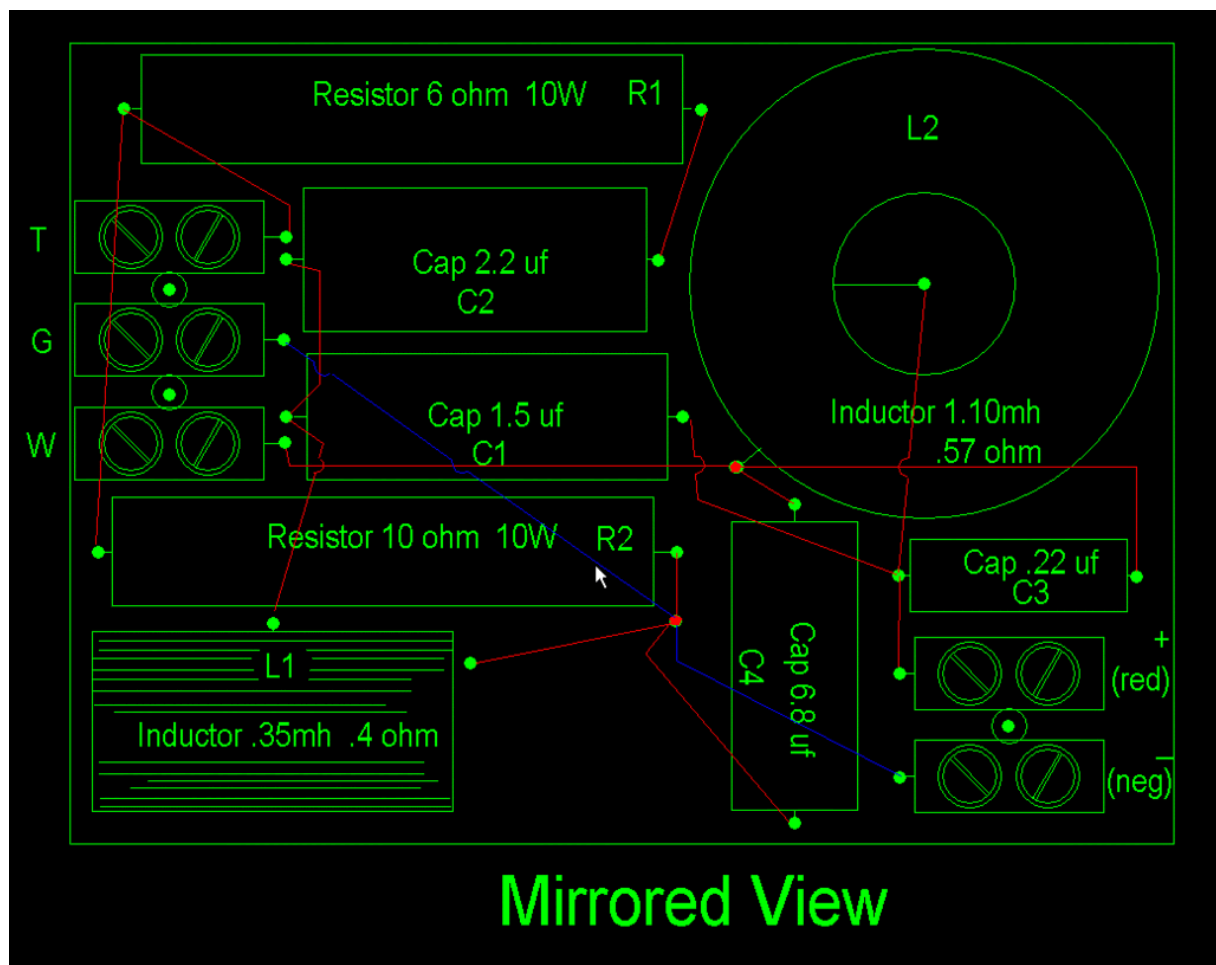
Full credits to user "Soundslike" on the parts-express.com forum for making crossover build plan. For the original post: <https://techtalk.parts-express.com/forum/speaker-project-gallery/42859-overnight-sensation-build-two-sets?p=598235#post598235>

## Materials needed

For the Materials needed look at the [Bill of materials > Speaker components](#)

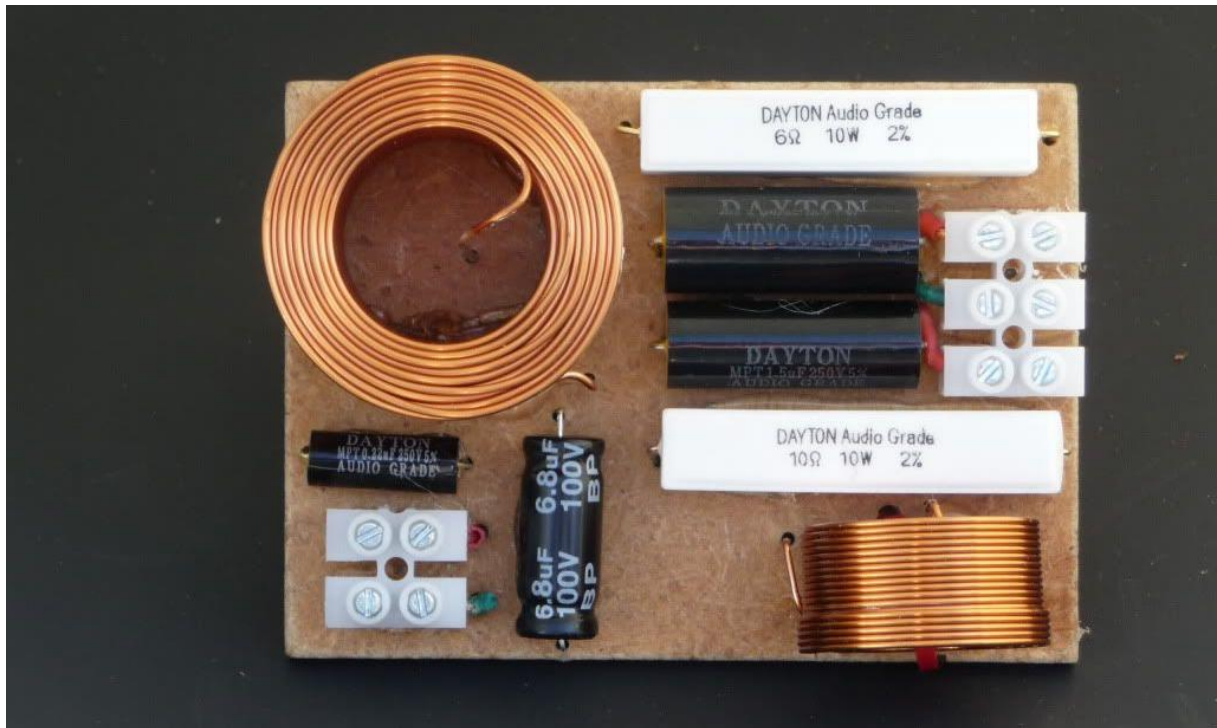
## Wiring diagram

This wiring diagram is in mirrored view. So as if you were looking through the board from the bottom side. The red and blue lines are connection lines and the dots are where the connection lines meet. If 2 connection lines cross without a dot there shouldn't be an electrical connection made.

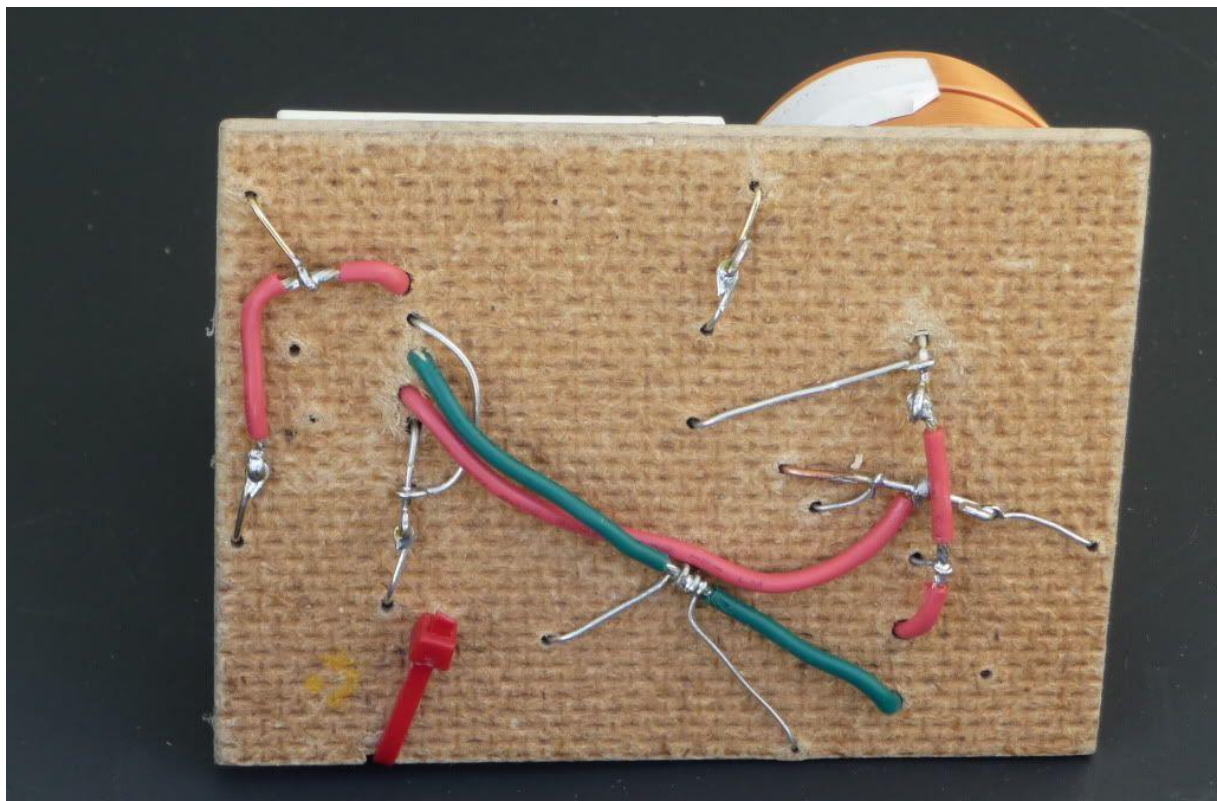


## Results

The results should look something similar like this:



*Topview*



*Bottom connections*

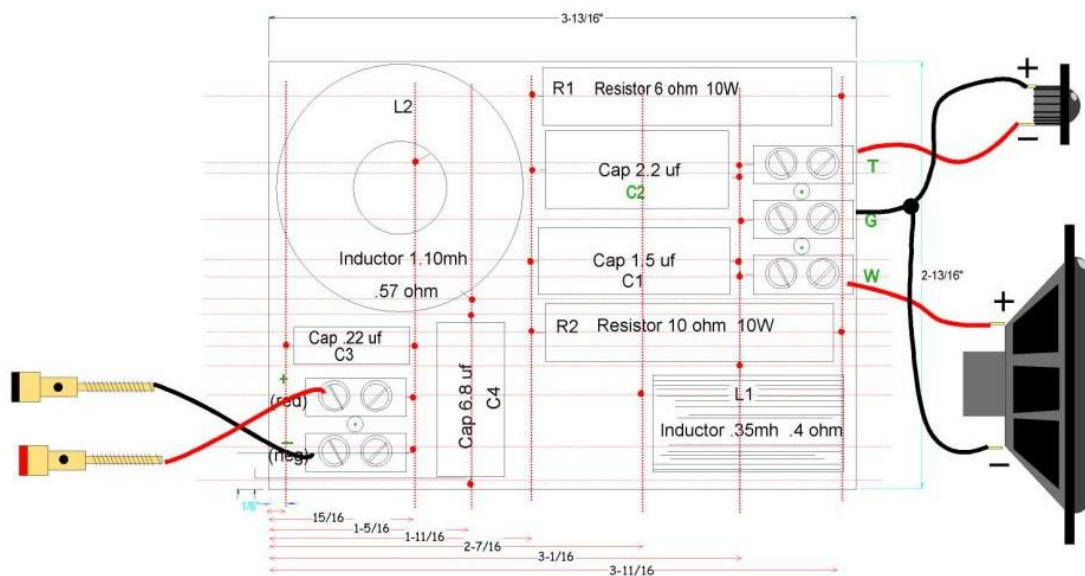
## Connecting the speakers

On the input side the terminal on the outside of the board is the negative (-) terminal, while the other one is the positive (+) terminal as indicated on the picture below.

On the output side the middle terminal is the ground (G) terminal. To this terminal you need the negative (-) side of the woofer and the positive (+) side of the tweeter.

The positive tweeter (T) terminal need to connect to the negative (-) side of the tweeter.

And the positive woofer (W) terminal needs to connect to the positive (+) side of the woofer.



Tip: Test if everything works before you mount it in the speaker cabbinate.