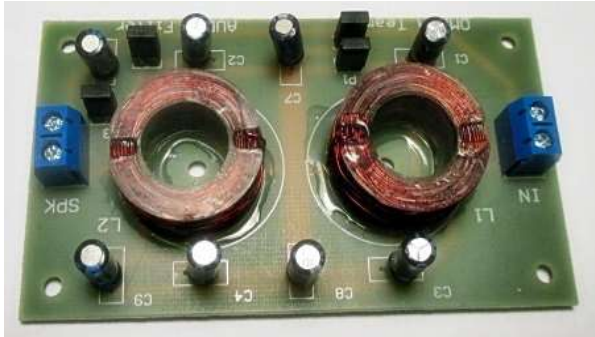


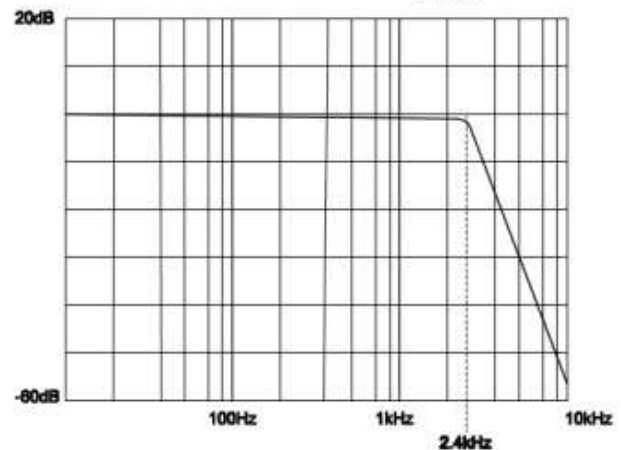
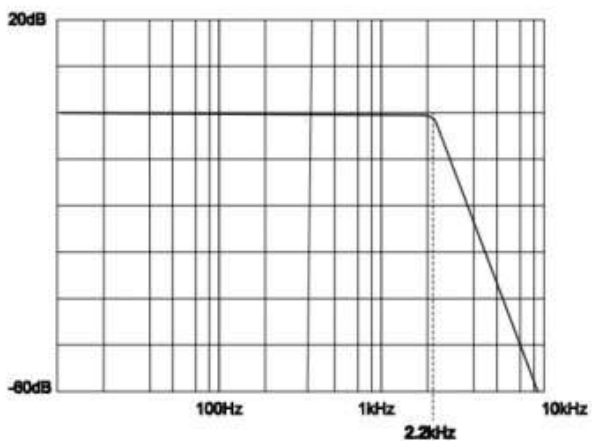
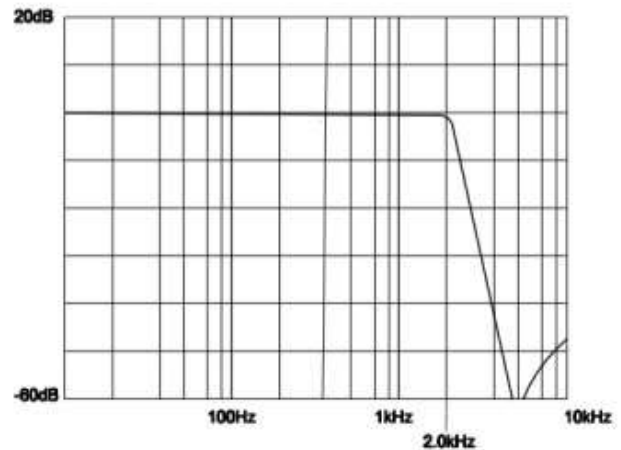
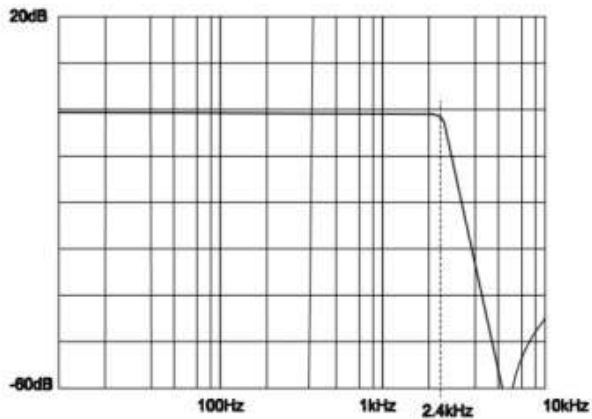
External Speaker Filter - DIY

The speaker filter is an independent device for external use.
This is passive device and do not need any supply.



- for professional communication
- for Ham Radio
- for CB equipment

The max load power is 2W at 8-16Ω



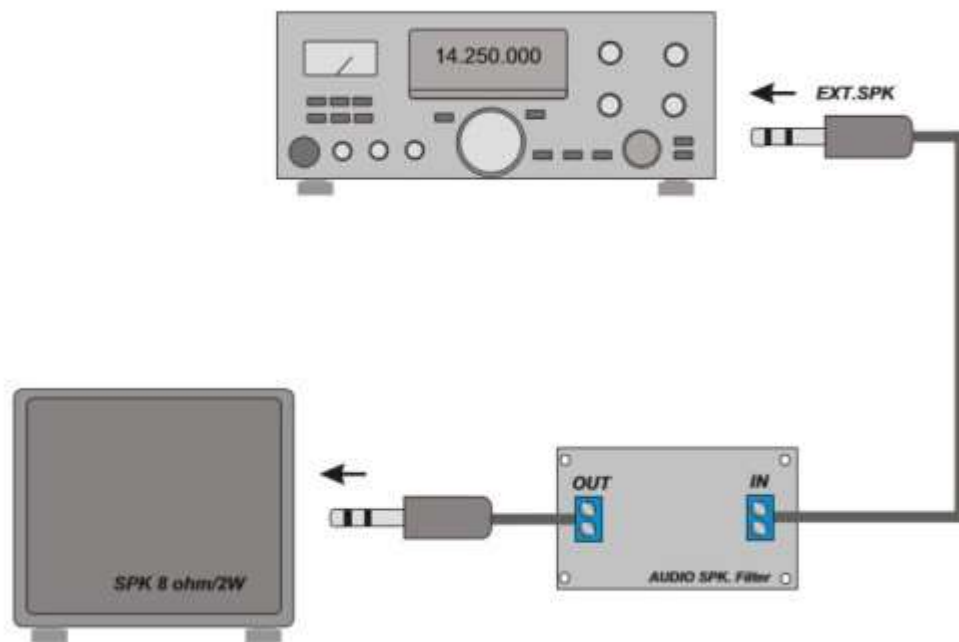
Typical characteristics

The final output characteristic of the filter depends on the parameters of the connected speaker.

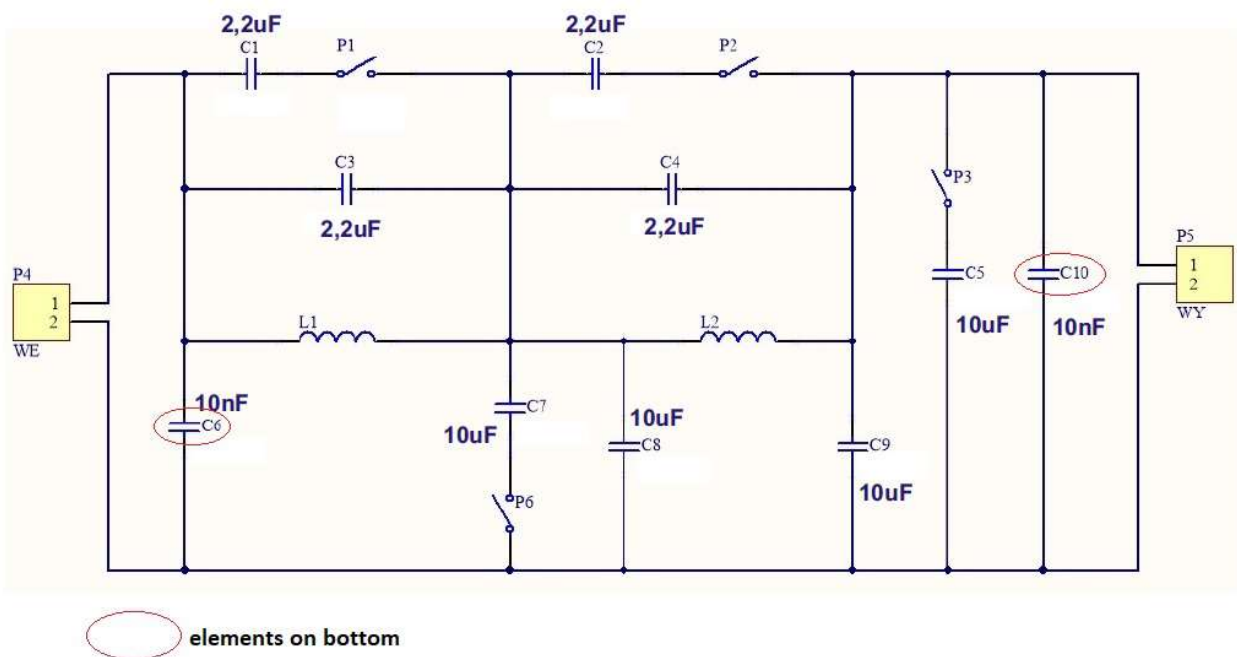
The filter effectively reduces unwanted signals as well as noise coming from the radio above the useful band.

There are four jumpers on the board, with which you can configure the frequency characteristics according to your preference. If the filter is installed in the housing, external switches can be used instead of the jumpers located anywhere in the housing.

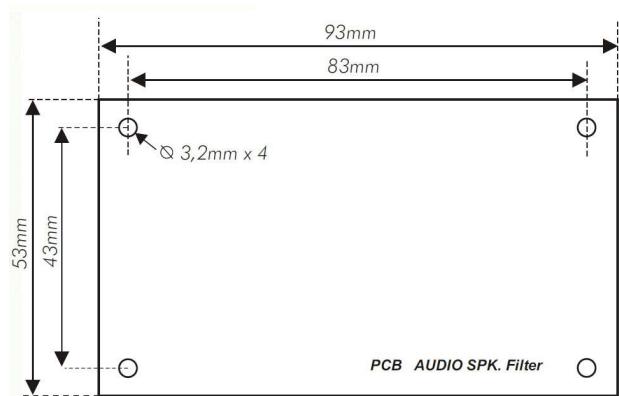
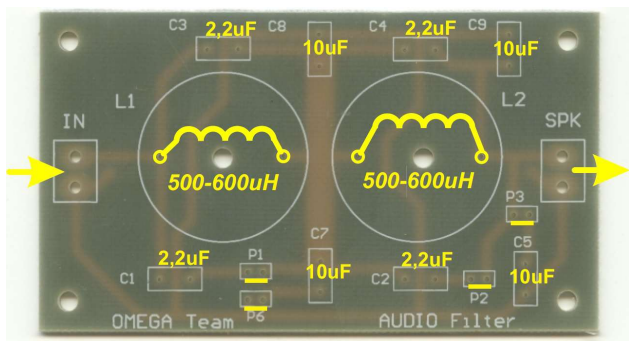
Connections



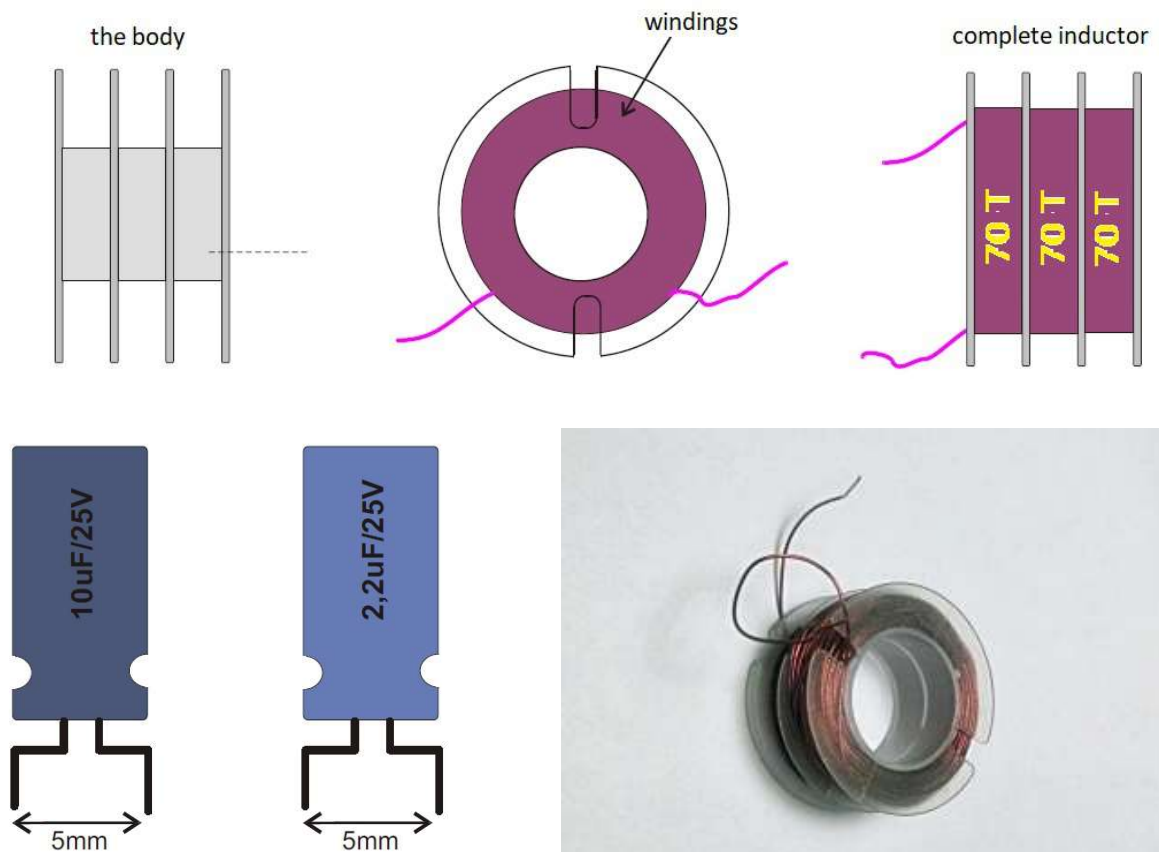
The schematic



The assembly details



The inductor fabrication



The bipolar capacitors preparation

After winding, the coils should be enameled or protected with glue