

To get the component values for a passive crossover, enter the impedances and crossover frequencies for the high pass and low pass sections and then click 'CALC'

LOW PASS 1st Order Butterworth
Low Pass Fc: 1800 Hz
Woofer Impedance: 8 Ohms
HIGH PASS 2nd Order Linkwitz-Riley
High Pass Fc: 2200 Hz
Tweeter Impedance: 8 Ohms

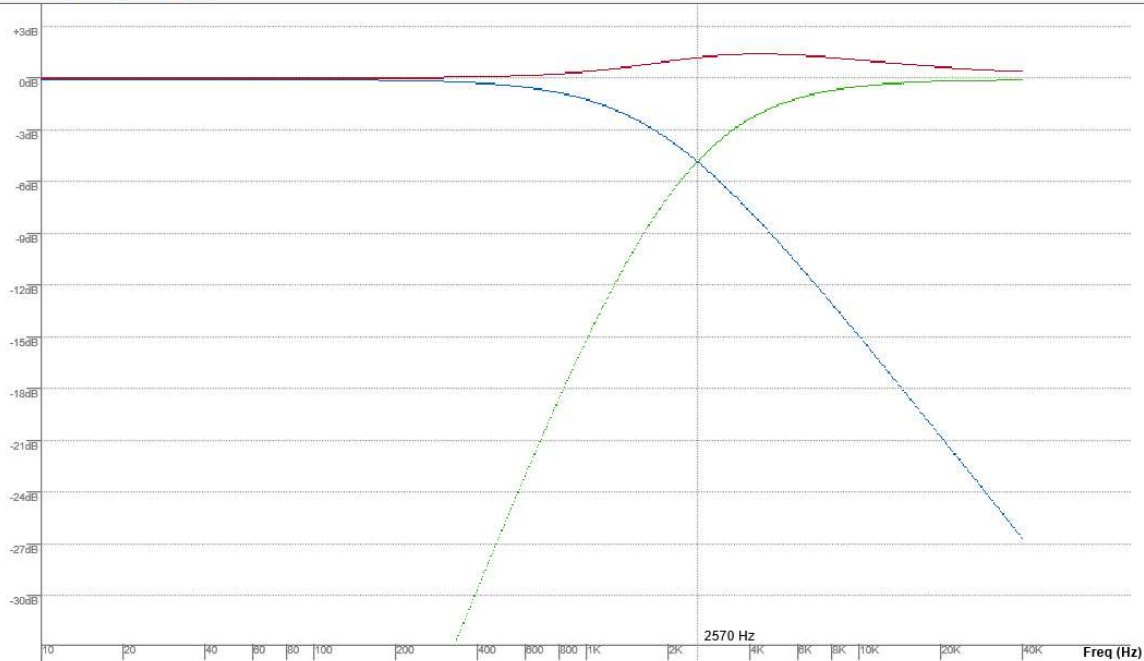
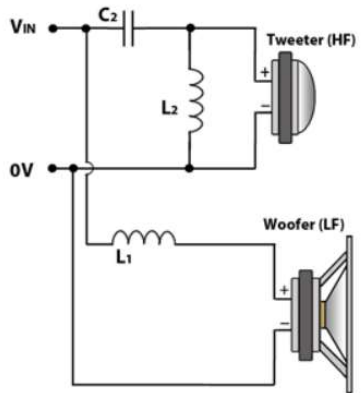
Power and Amplitude responses differ - please select which result you want to see.

Plot type: ☐ POWER ☒ AMPLITUDE

To see the response and crossover frequencies for known component values, enter these in uF and mH in the boxes below and click 'CALC'

C2: (4401Hz) 4.52 uF
L2: (1098Hz) 1.16 mH
C1: (Hz) 0 uF
L1: (1793Hz) 0.71 mH

2nd Order High Pass and 1st Order Low Pass



Amplitude(Voltage) Response: +/- 6dB is a doubling or halving of voltage - examples: +3dB=1.414 0dB = 1 -3dB= 0.707 -6dB=0.5.

The dB scale used is relative, and is not an indication of actual SPL. At this time the response graph does not take account of variation in voltage or power due to load impedance. This is planned for a future revision.

High Pass
Low Pass
Summed Response (ignoring phase)

