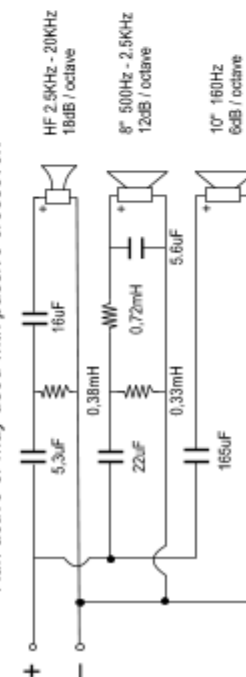


NOTE:

- 1.) Dimensions in mm
- 2.) Material 12mm for internal mid horns and 18mm birch plywood for box enclosure
- 3.) Passive crossover to be built with air core inductor coils and metallized polyester capacitors
- 4.) This design is a pre-released version, all measurements are to be verified

Run active or may used with passive crossover:



SIMON'S 10 7/8" x 1' TRAPEZOIDAL 3 WAY HORNLOADED MID TOP Crossover 120Hz / 500Hz / 2.5KHz

All drivers are 8 Ohm, general TS parameters to look out for on 10" driver: FS 50Hz and above, EBP 150 and above, (EBP = FS/Qes), Qts 0.28 and lower, Le 1.2mH and lower
8" mid driver to be closed back with Freq. response 500Hz to 5KHz and less than Xmax 1.0 mm

1" HF GT-300PB or similar constant directivity horn flare with coverage angle 100H by 40V with cut off frequency 1600Hz