

THIS IS A COLLECTION OF DIFFERENT DIY PA CABINETS. HAVE FUN AND SHARE!



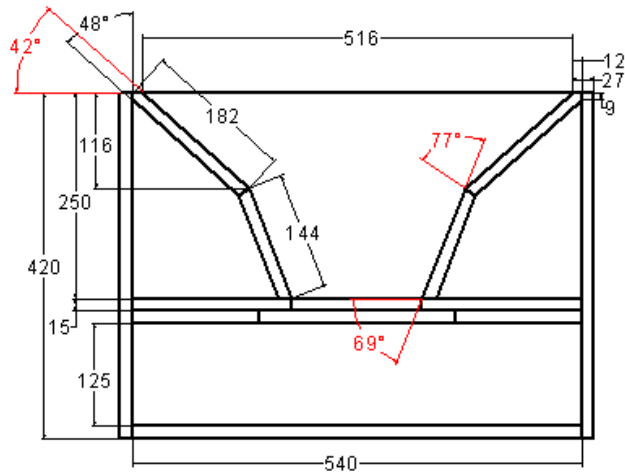
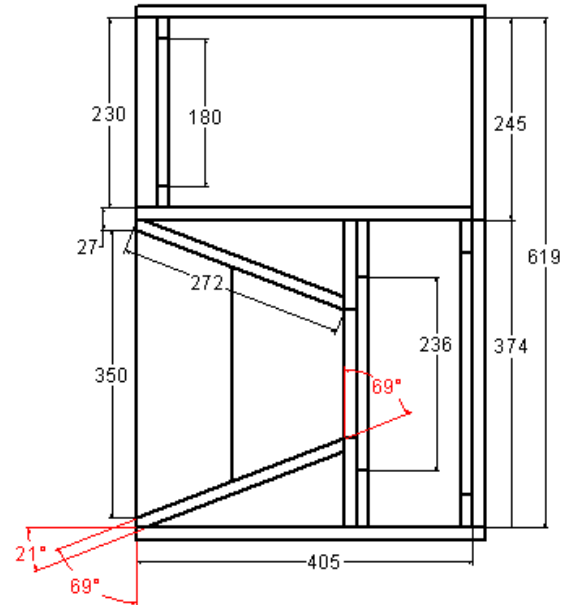
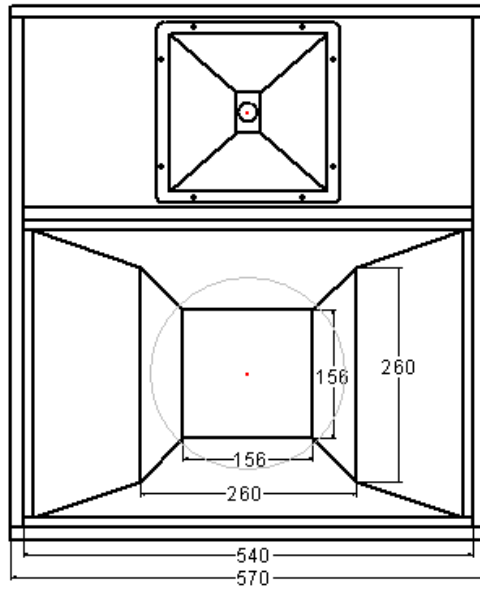
SINCE 1991

18 AND OVER

ADULT MATERIAL

EXPLICIT SPL

10" + 1" Top.



10" = P-Audio SN-10MB or equivalent.

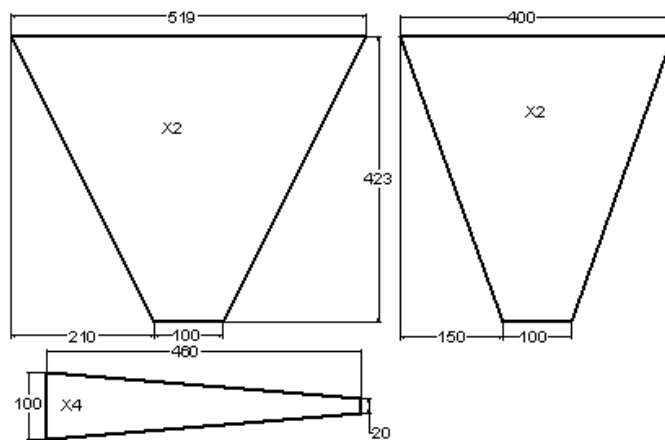
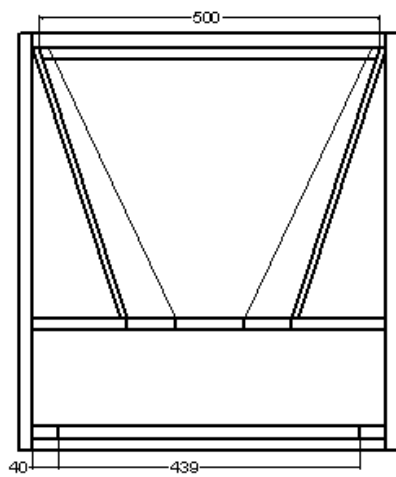
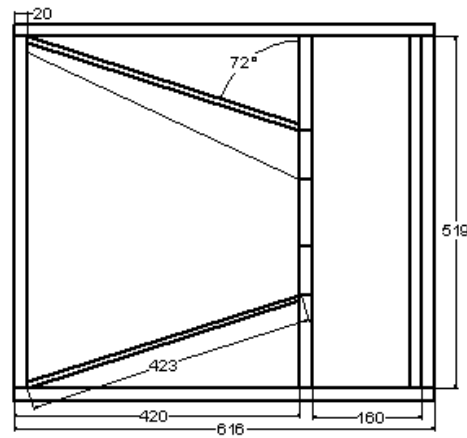
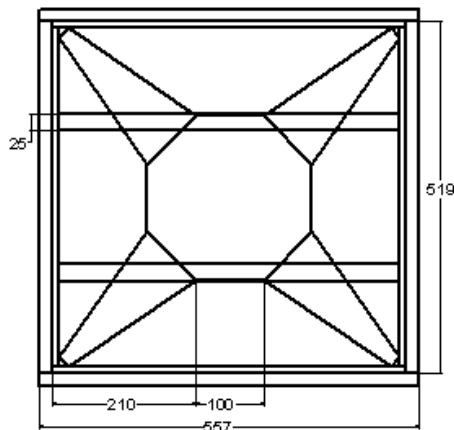
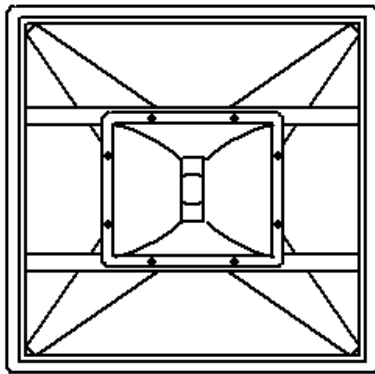
1" = P-Audio BM-D450 on P-Audio PH-220 horn.

10" section usable between 200Hz and 1.2/1.5KHz.

Run active.

Dispersion: 90x70

12"+2" Coax Top



12" = P-Audio SN-12B or B&C 12MH32.

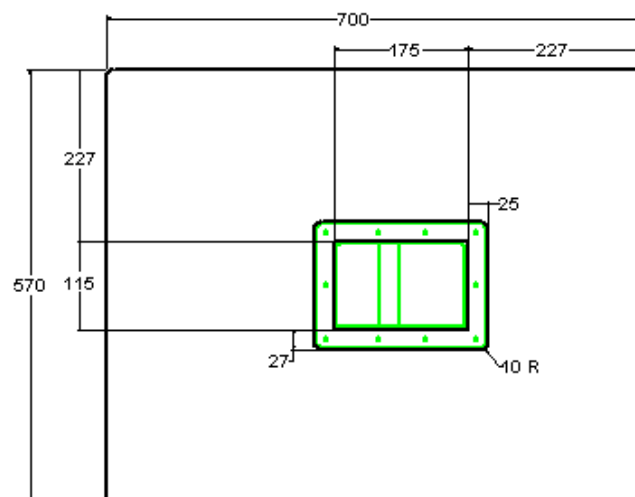
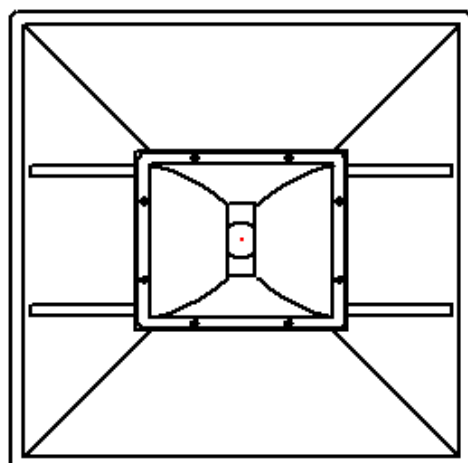
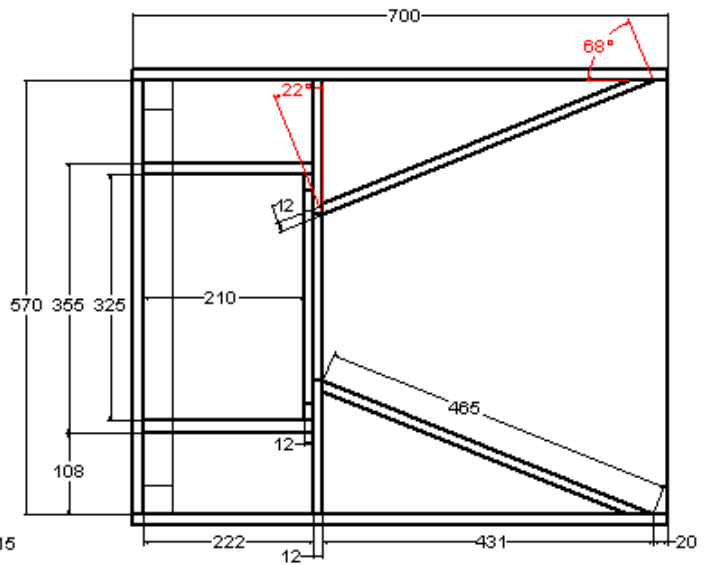
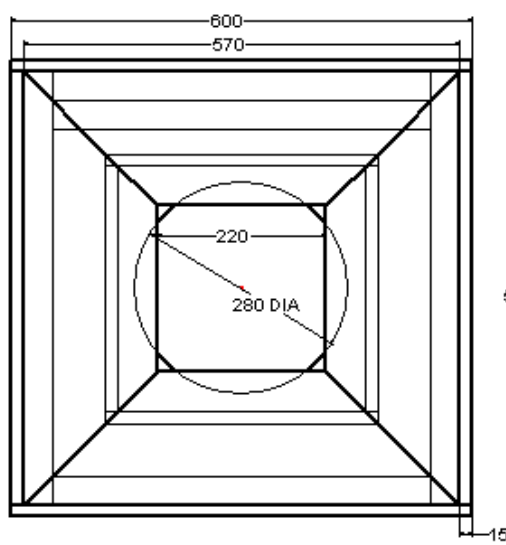
2" = P-Audio SD-750N on P-Audio PH-2723 horn or B&C DE 750 on B&C ME 60

12" section usable between 160Hz and 1.2/1.6KHz.

Run active.

Dispersion: 60x40

Dynacord F 12 CWH [12"+2" Coax Top]



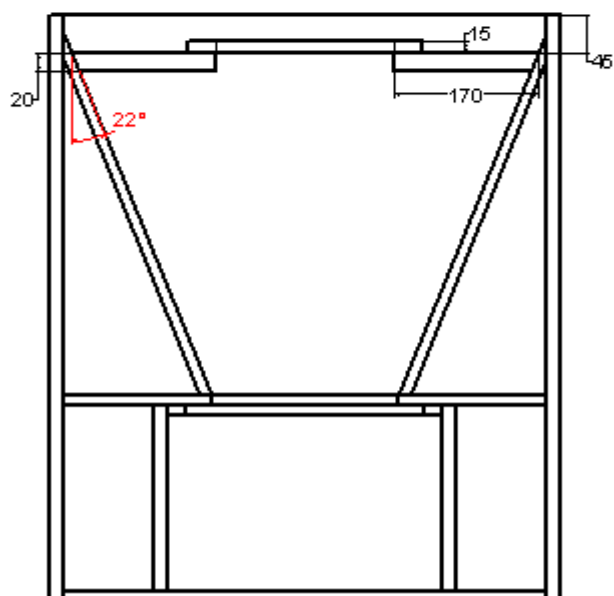
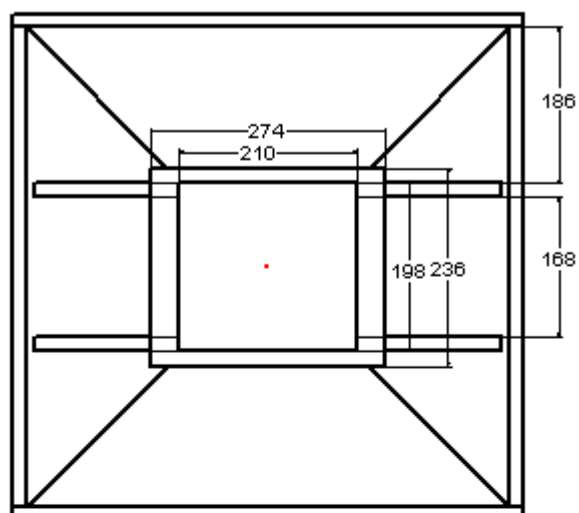
12" = P-Audio SN-12B or C12-300MB.

2" = P-Audio SD-750N on P-Audio PH-2723 horn.

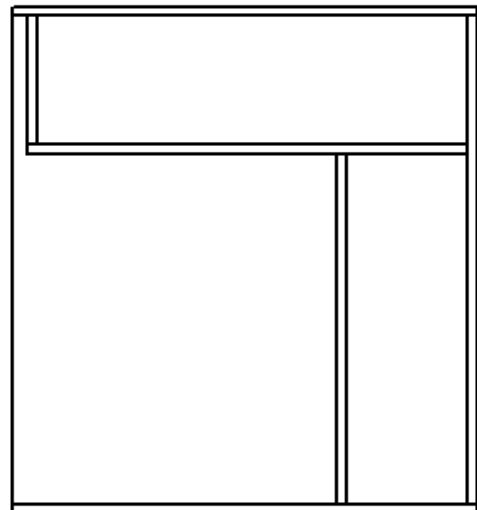
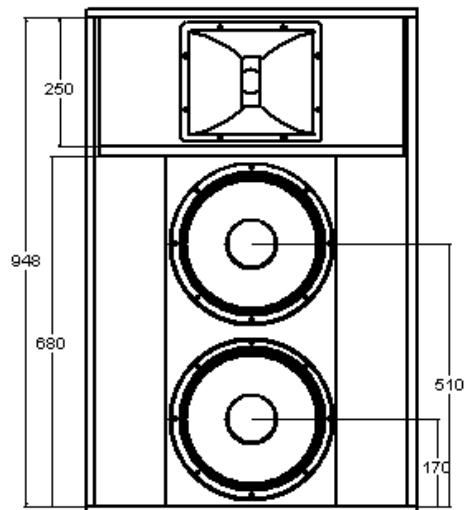
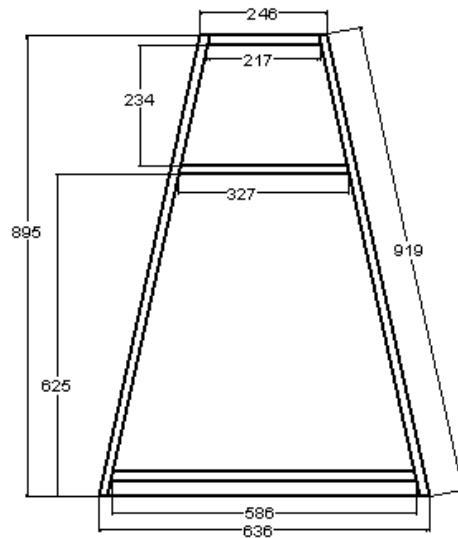
12" section usable between 160Hz and 800Hz/1KHz.

Run active.

Dispersion: 60x40



2 x 12" + 1.5" Wave Guide Top



12" = P-Audio SN-12B.

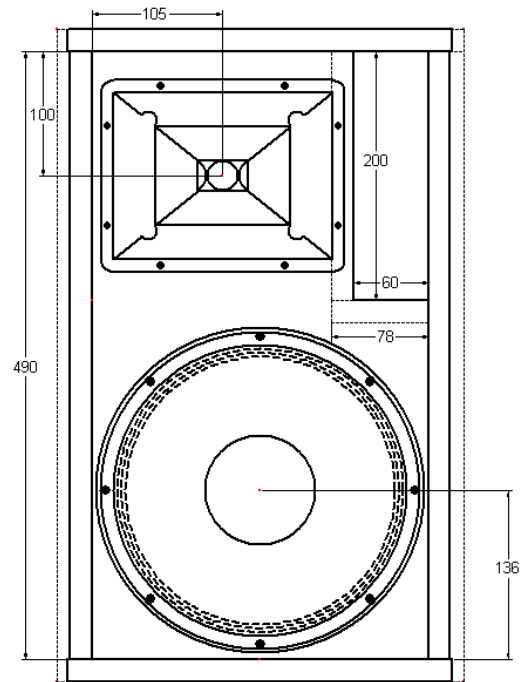
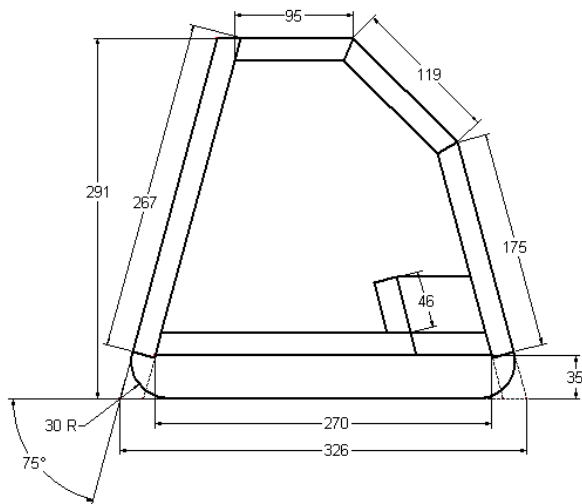
1.5" = P-Audio SD-750N or SD-740N[with adapter] on P-Audio PH-2723

12" section usable between 120Hz and 1.4/1.7KHz.

Run active.

Dispersion: 60x40

10" + 1" Multi Angle Full range



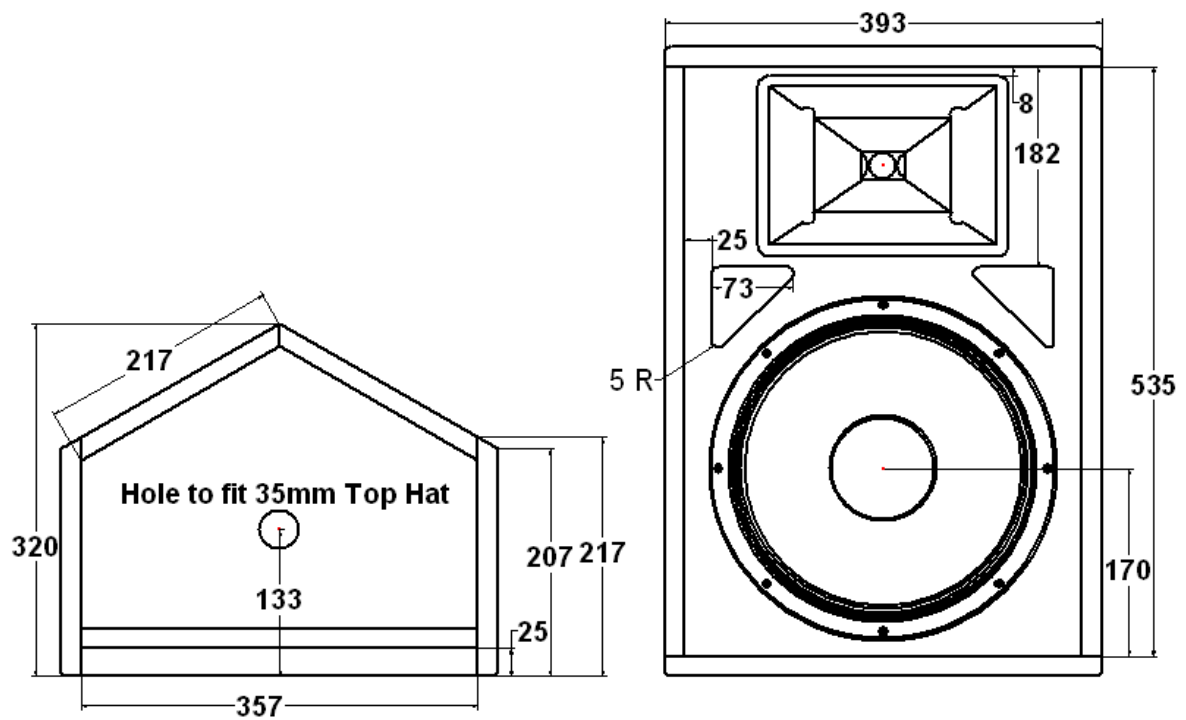
10" = P-Audio SN-10MB

1" = P-Audio PHT-408

Usable between 75Hz and 15KHz

Run passive: 1.8KHz/6dB lo, 2.5KHz/12dB high.

12" + 1" Monitor / Full range



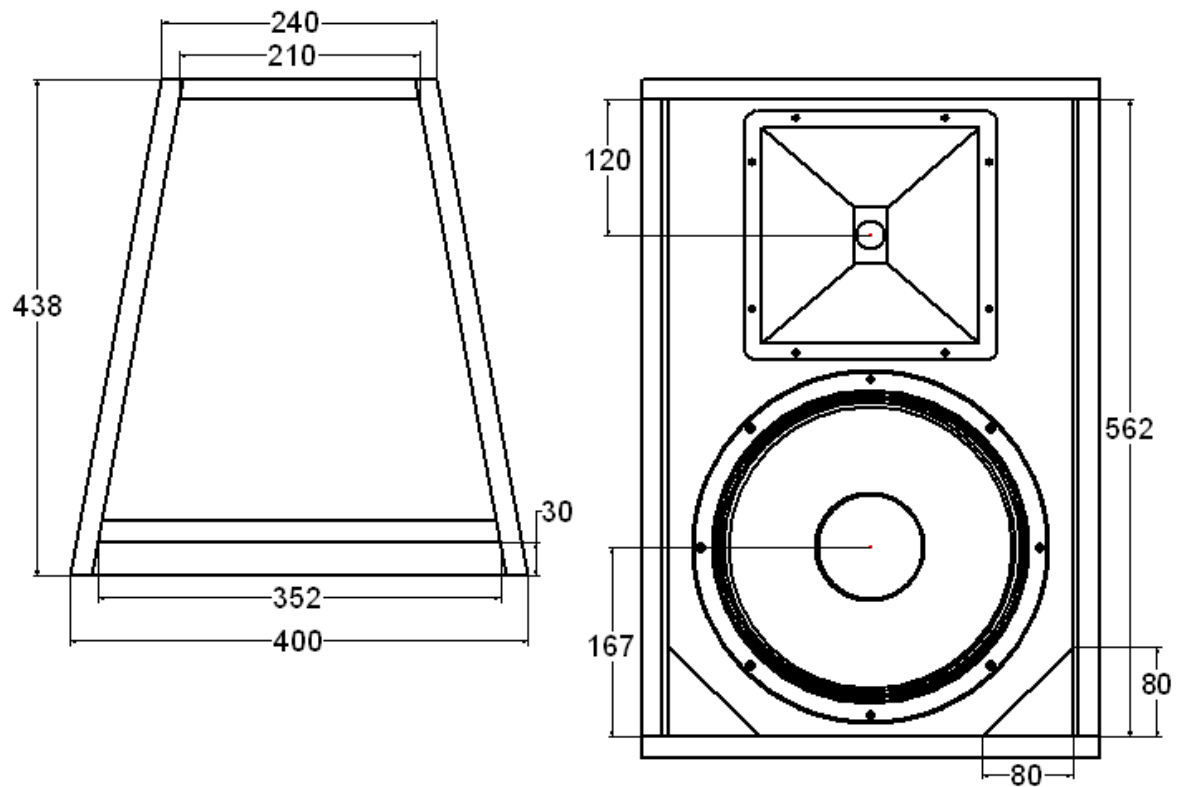
12" = P-Audio SN-12MB

1" = P-Audio PHT-411

Usable between 70Hz and 15KHz

Run passive: 1.8KHz/6dB lo, 2.5KHz/12dB high.

12" + 1" Top / Full range



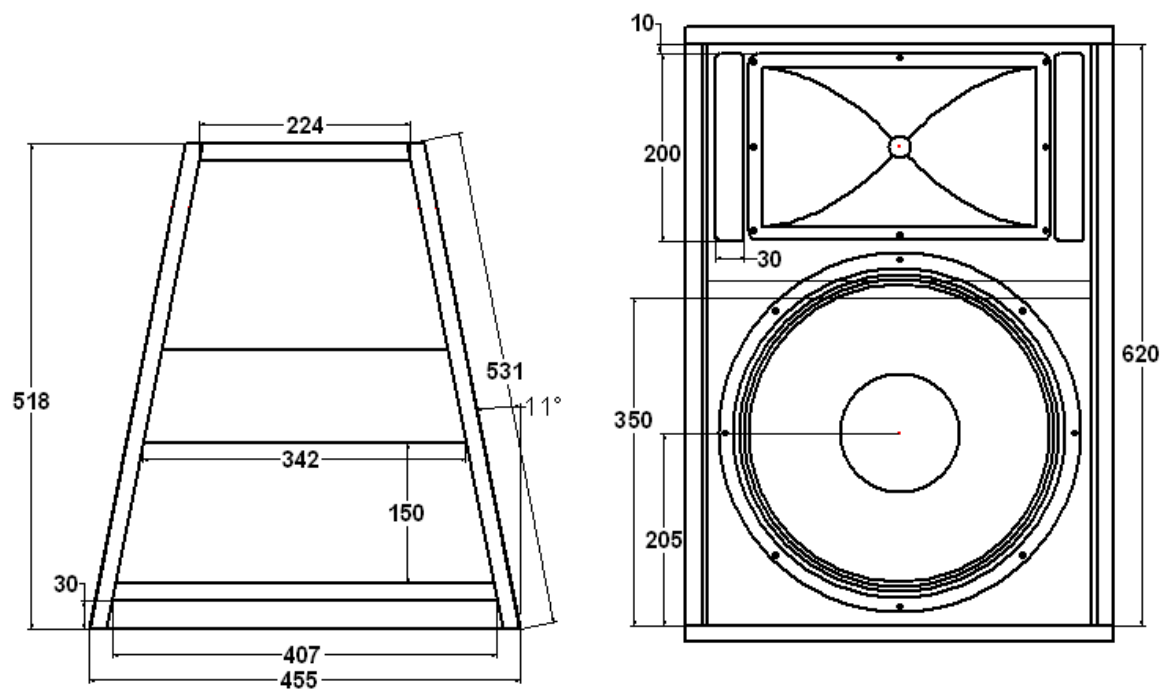
12" = P-Audio SN-12MB

1" = P-Audio BM-D450 on P-Audio PH-220

Usable between 65Hz and 18KHz

Run Active or Passive[1.8KHz/12dB lo, 2.2KHz/18dB high.]

15" + 1" Top / Full range



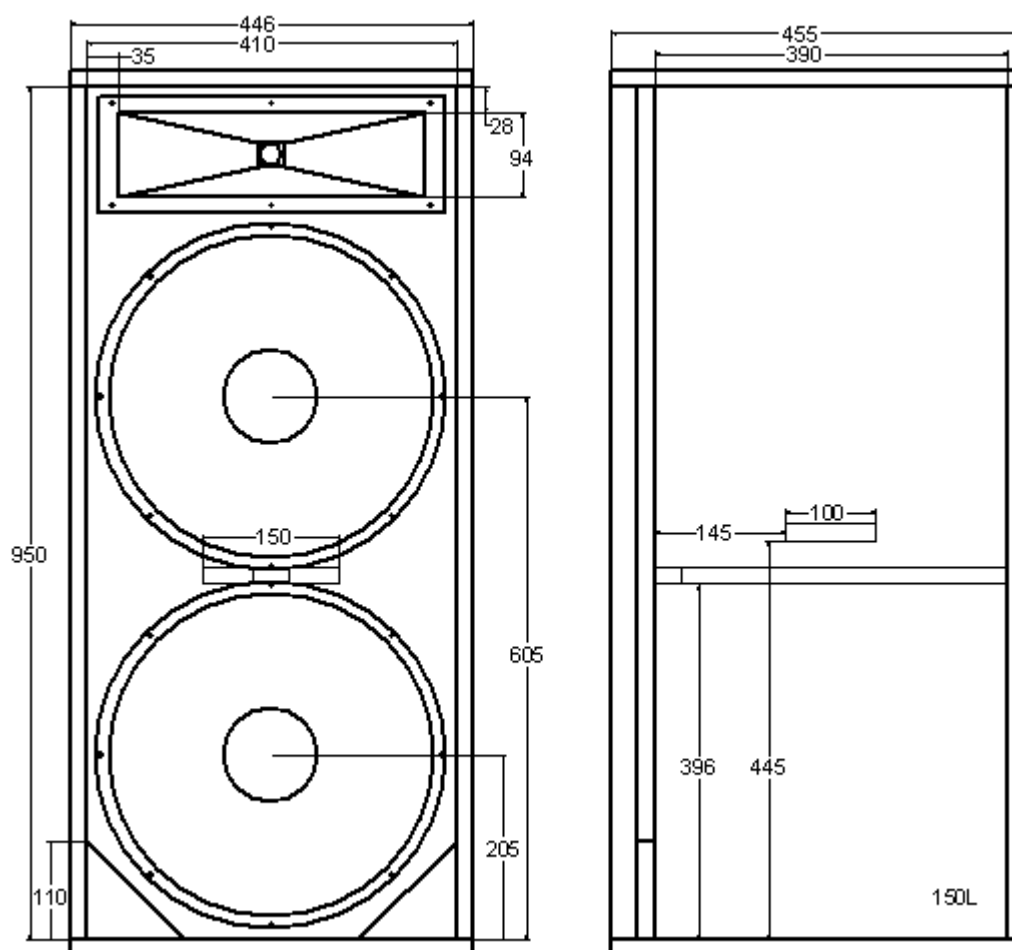
15" = P-Audio SN-15MB or P-Audio WN-15S

1" = P-Audio BM-D450 on P-Audio PH-3220

Usable between 60Hz and 18KHz

Run Active or Passive[1.8KHz/12dB lo, 2.2KHz/18dB high.]

2 x 15" + Horn Full range DJ-Monitor



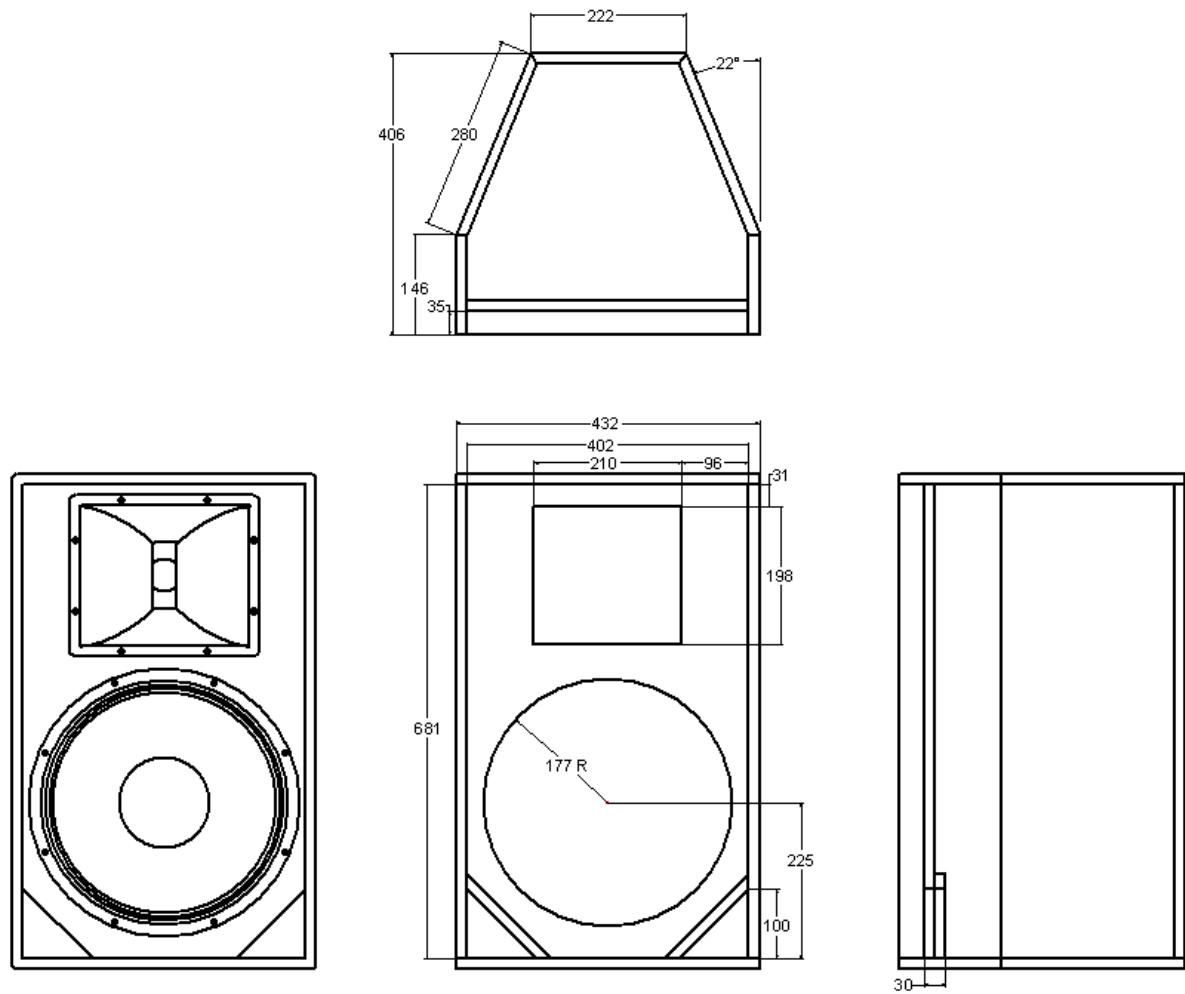
15" = 2 x P-Audio HP-15W

Horn = Any horn of choice like PHT-415 or similar

Usable from 55Hz

Run passive

15" + 1.5" High Output Top



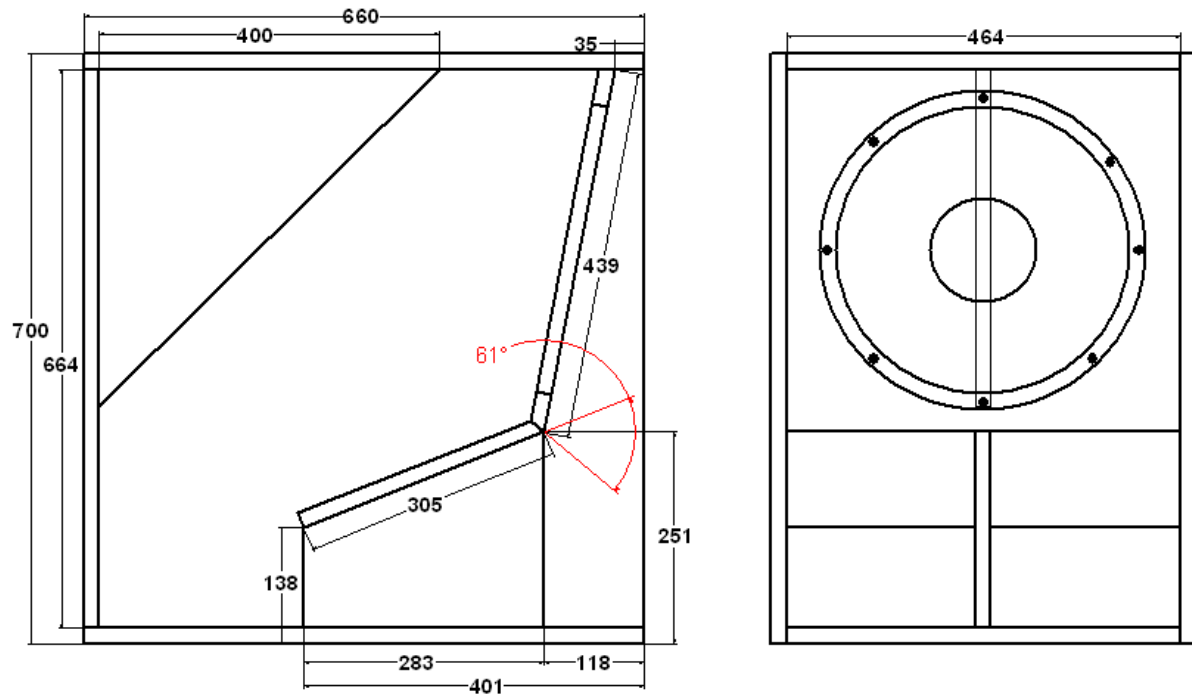
15" = P-Audio SN-15MB or P-Audio WN-15S

1.5" = P-Audio SD-740 on P-Audio PH-2723 with 15" – 2" horn adapter.

Usable between 50Hz and 20KHz

Run active 1.6KHz

Eminence Kappa 15 Pro ARLS [Advanced Reflex Loaded Subwoofer]

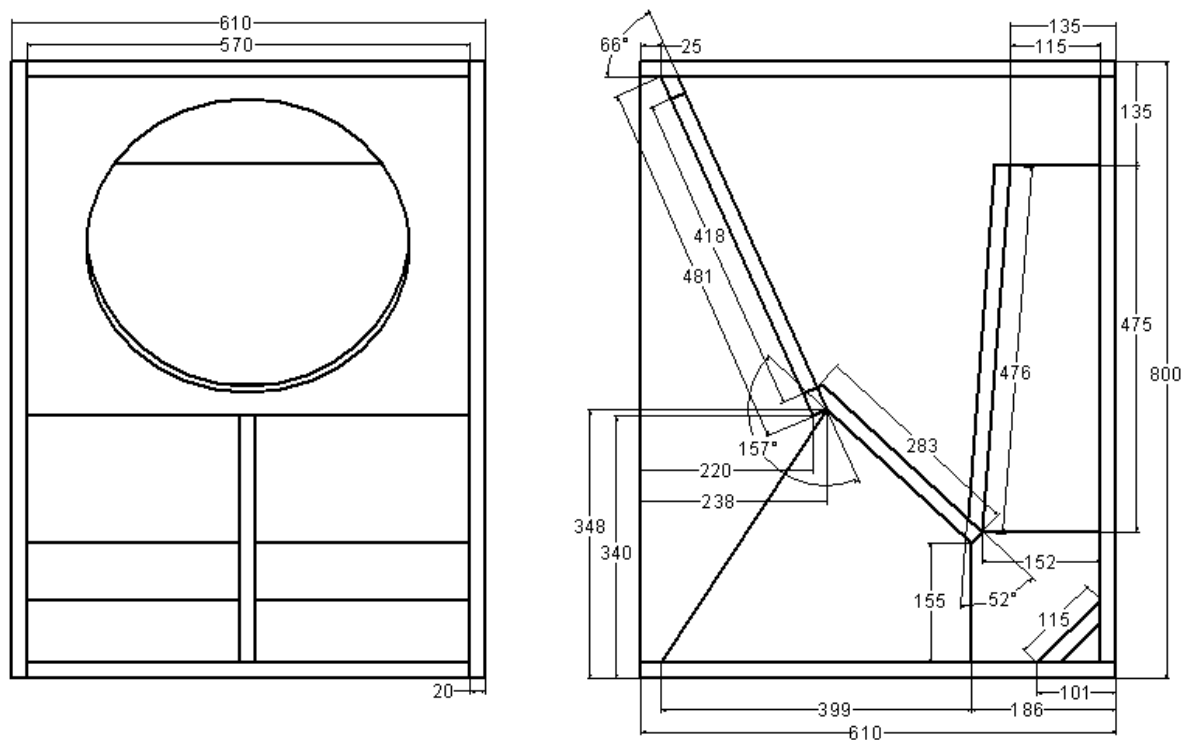


Usable between 45Hz – 140Hz

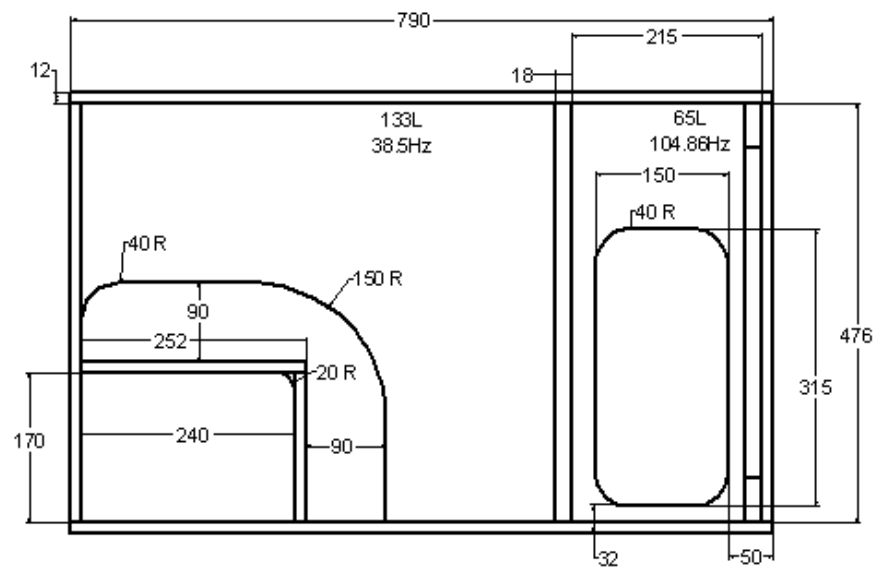
SPL = 98dB [1W/1m]



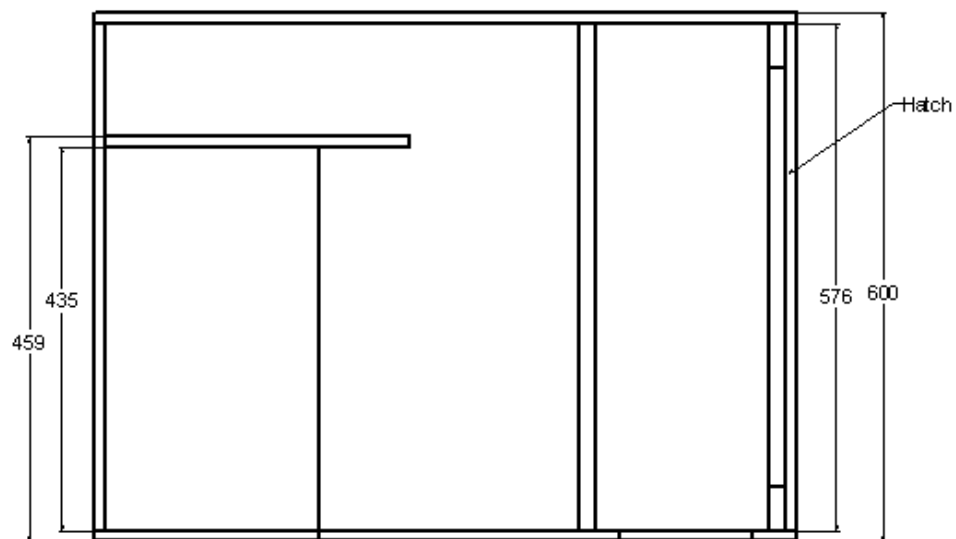
RCF 18" Bass



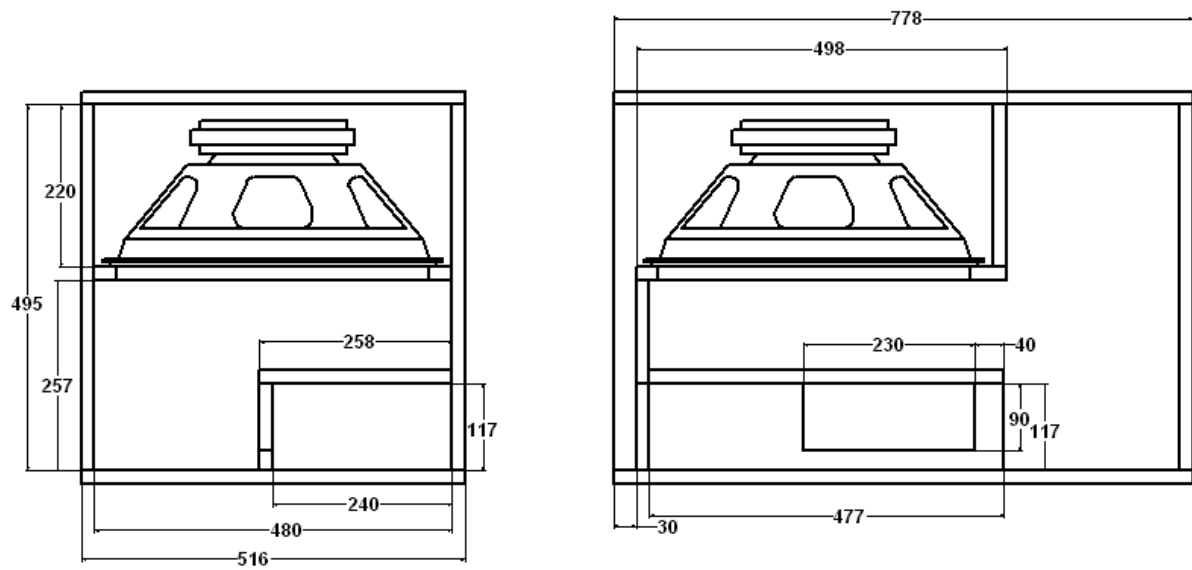
Nexo LS1200



All port edges routed 6mm
Whole cab built with 12mm ply.
Speaker baffle of 18mm ply.

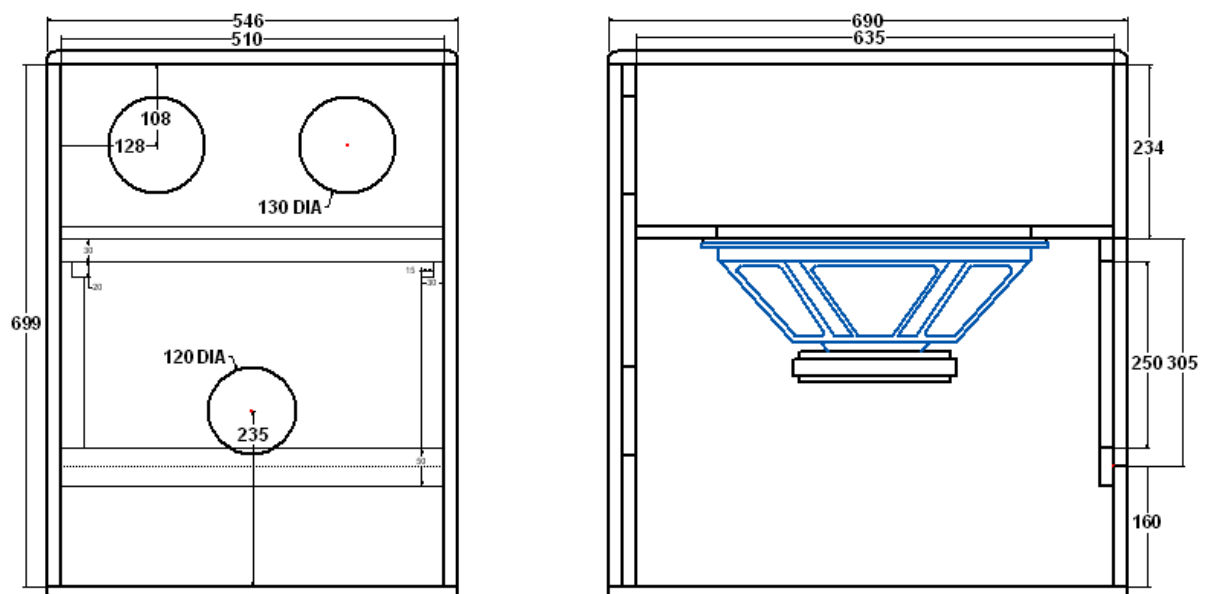


Budget 18" Bandpass

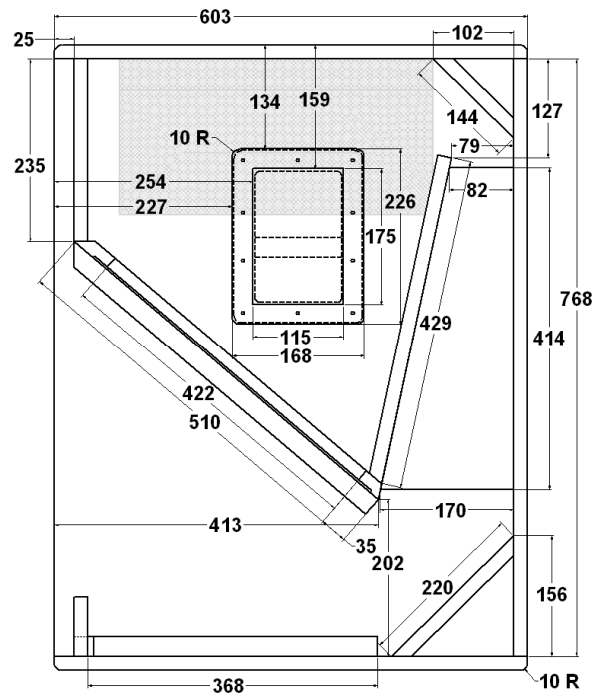
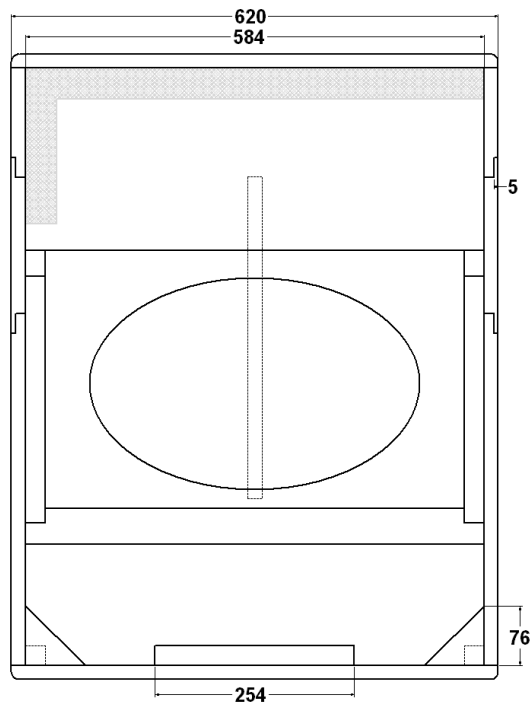


Useable Woofers = Eminence Kappa18
 = P-Audio E18-400S / HP-18W

P-Audio E18-400S Bandpass DJ Bass



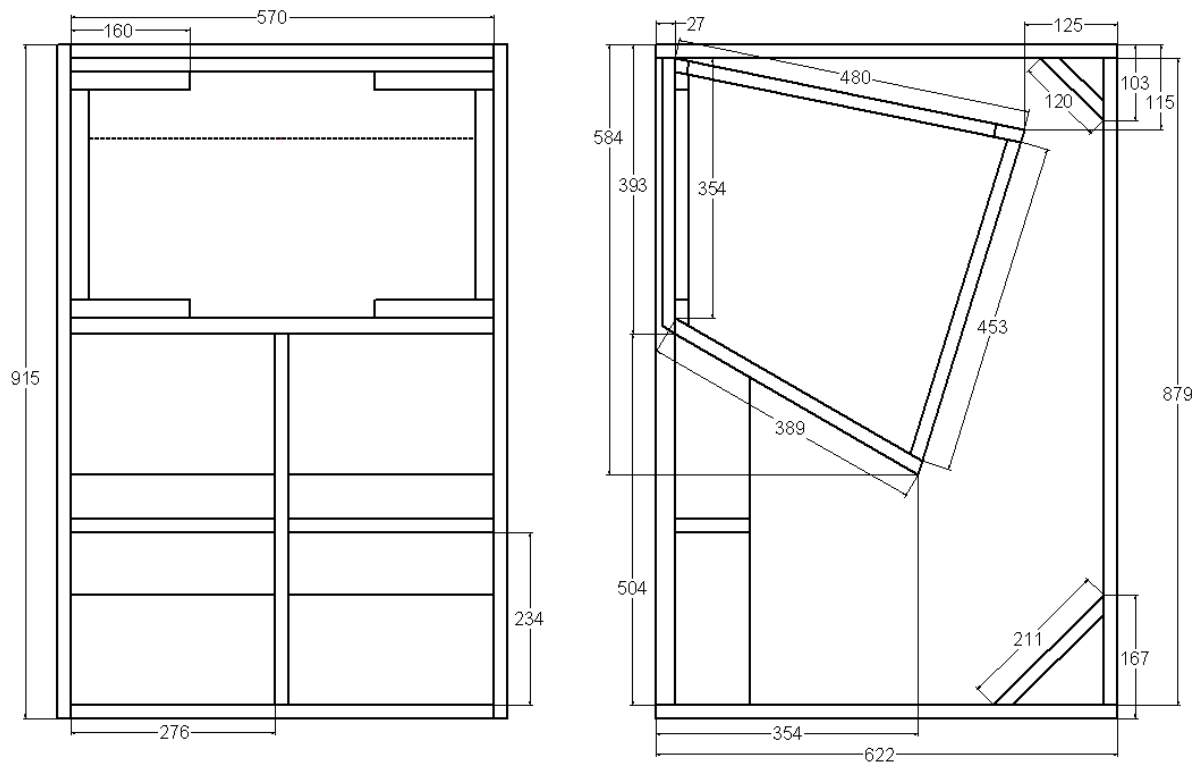
Electro Voice T18



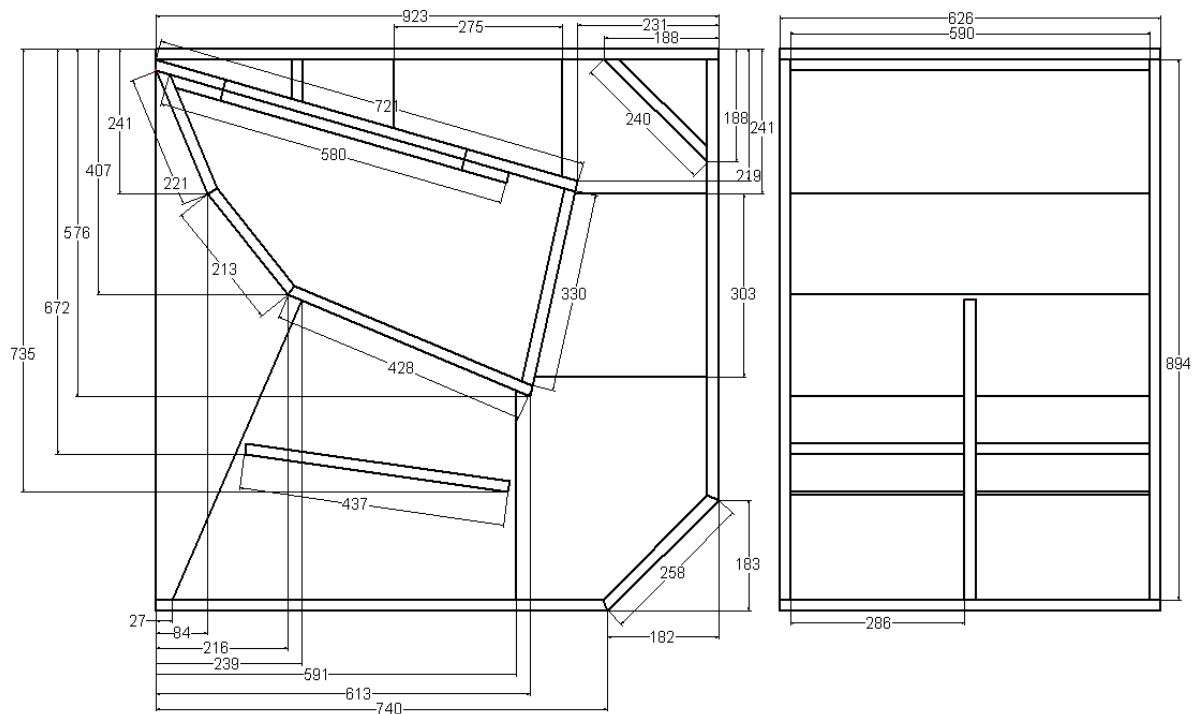
- Usable Woofers = Precision Devices PD186
- = Eminence Omega Pro 18
- = Fane Colossus 18XB
- = Fane Crescendo 18B
- = P-Audio C18-650EL
- = P-Audio WN-18S



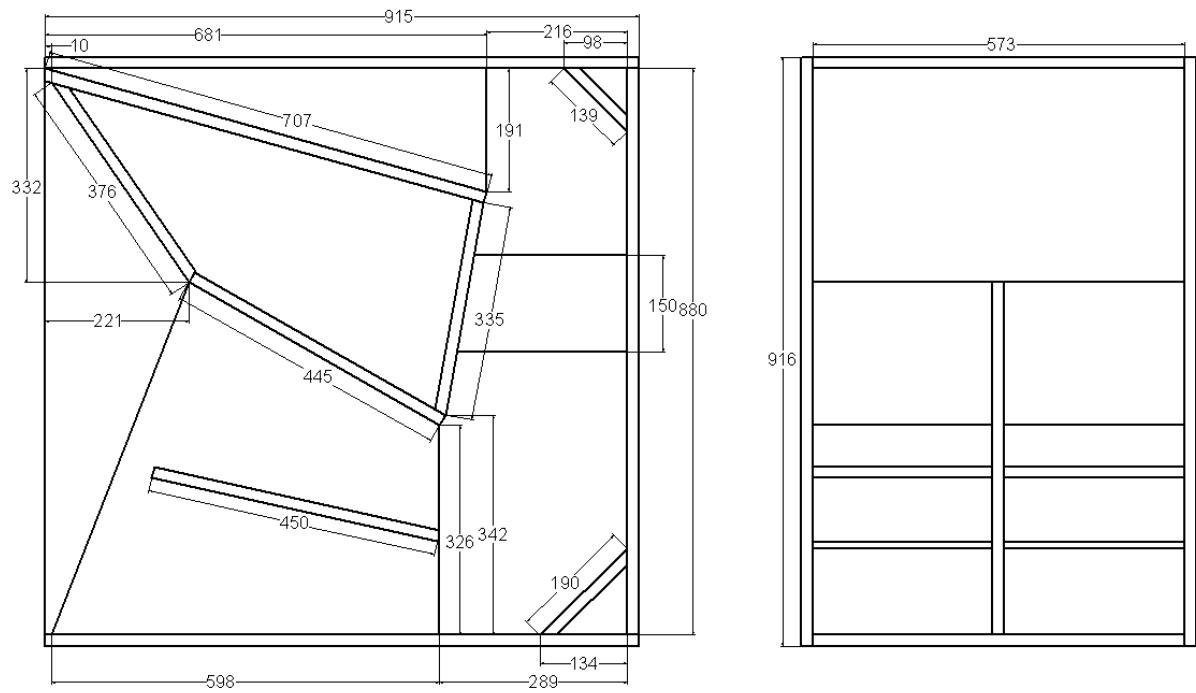
Cerwin Vega B-36 Bass Horn [18"]



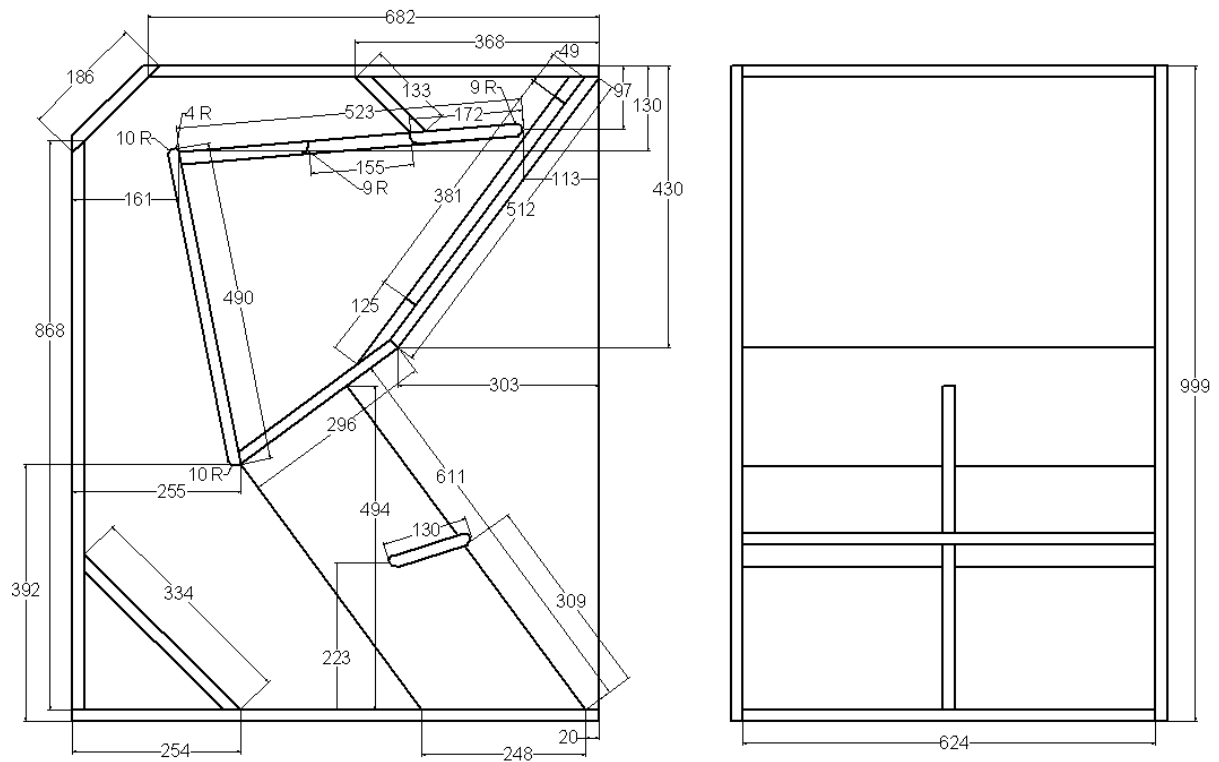
Cerwin Vega AB-36 Bass Horn [18"]



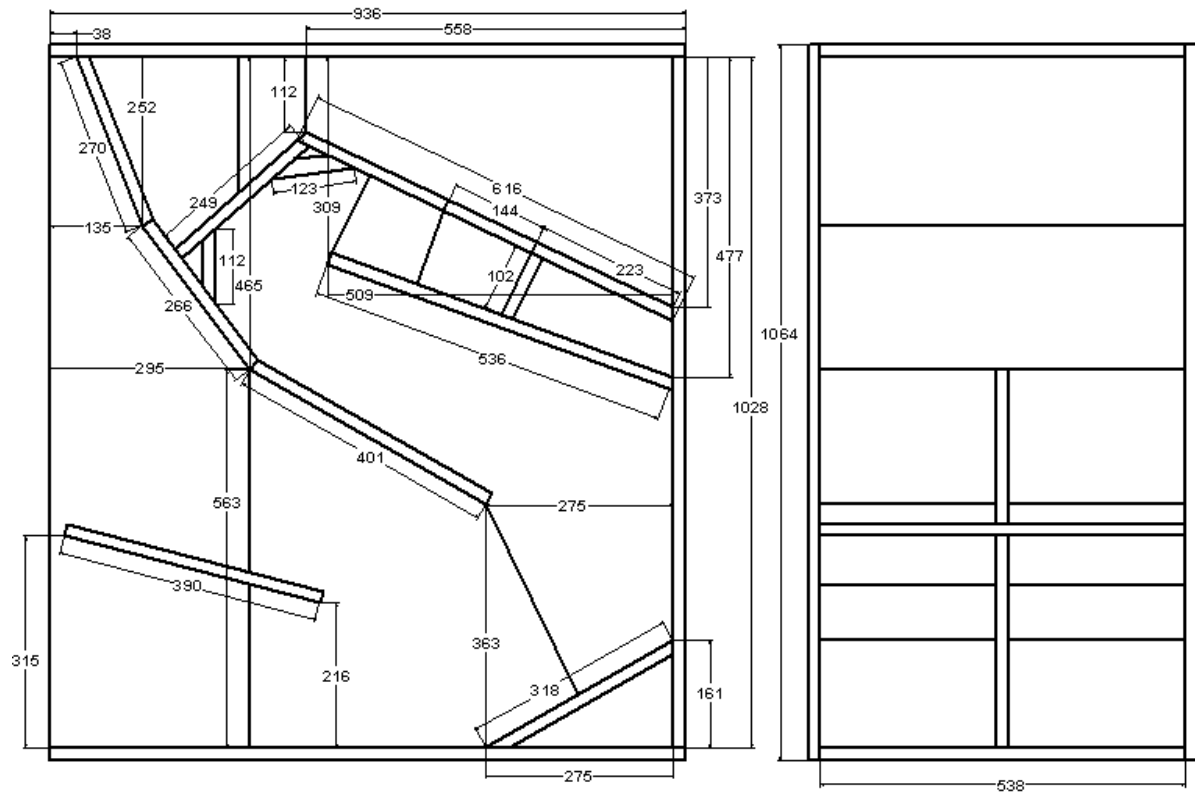
Cerwin Vega SL-36 Bass Horn [18"]



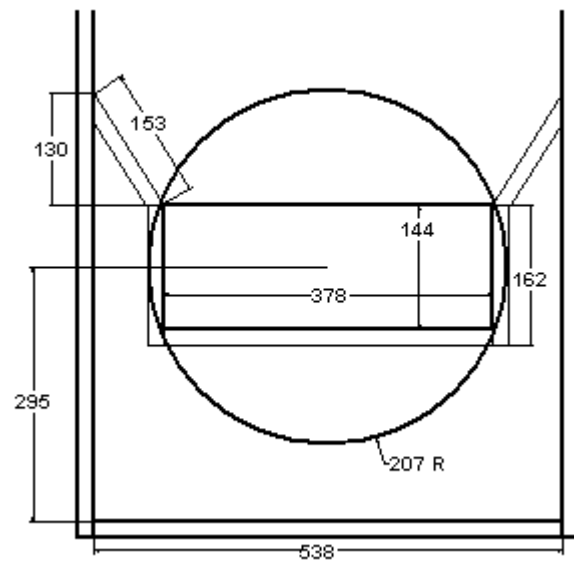
Peavey DTH118B [18"]



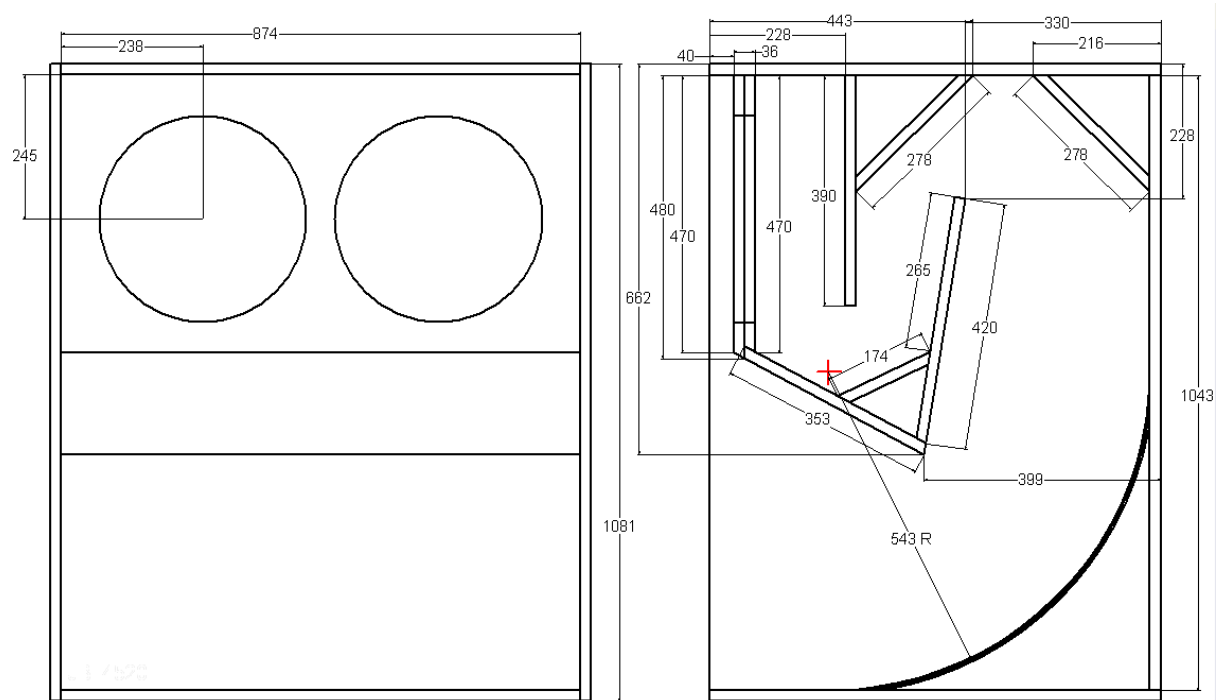
Martin WSX



Throat detail

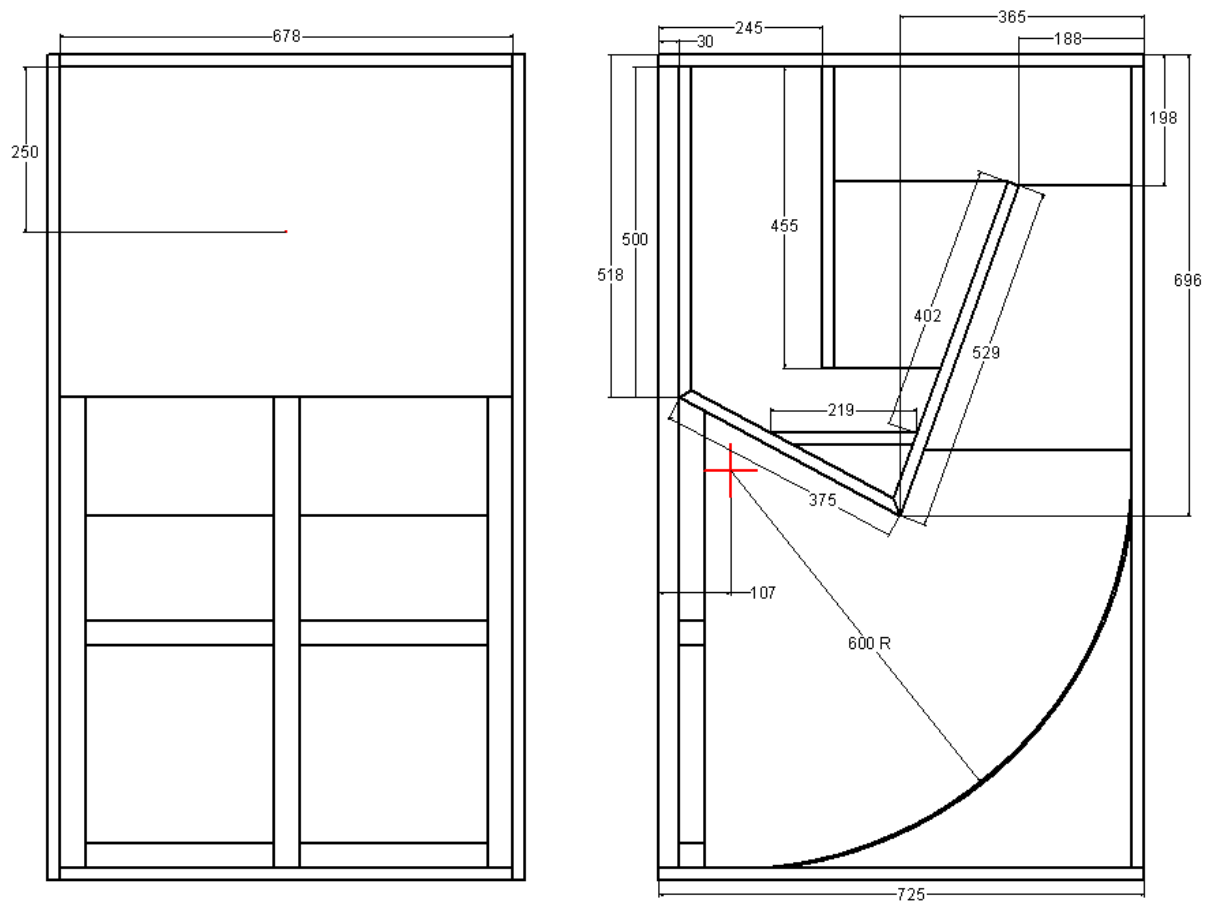


JBL 4520 Dual 15 Scoop

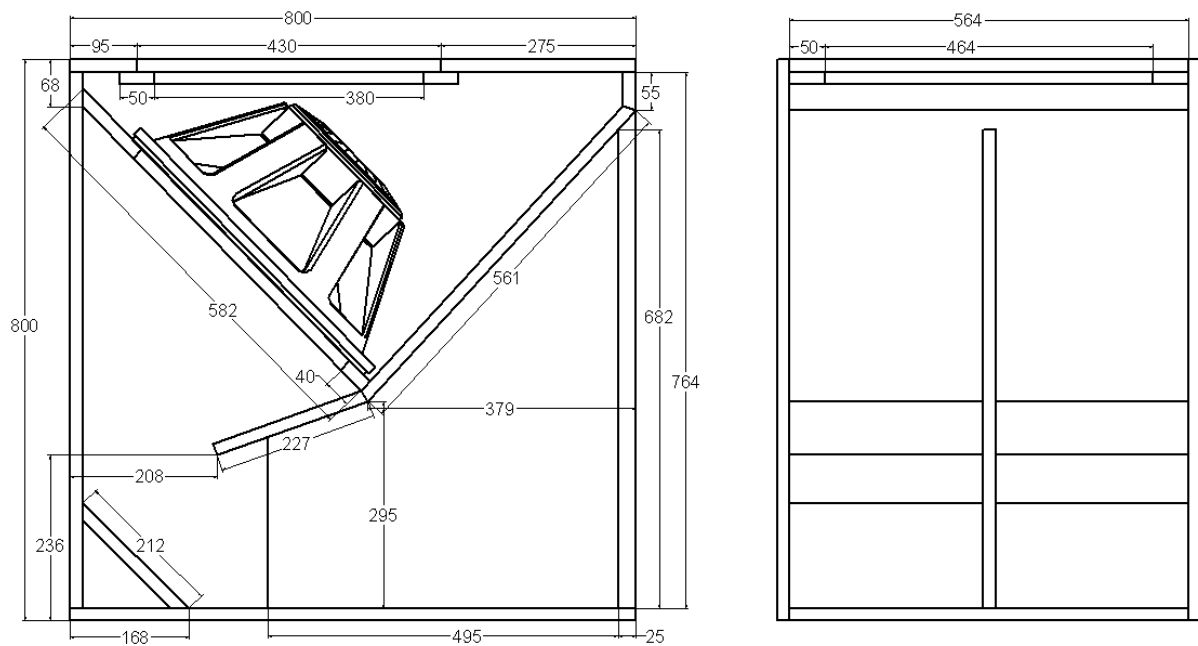


The JBL 4530Single version is exactly the same but with a 450 mm inner width.

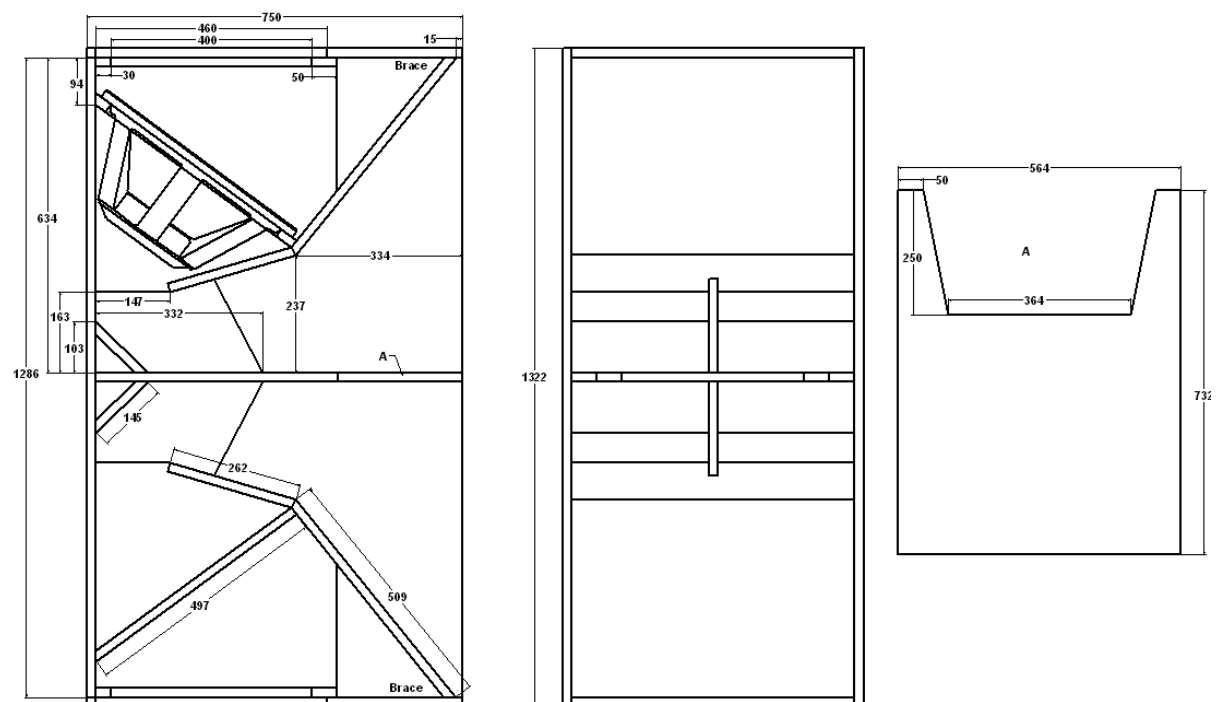
Eminence 18" Scoop



18" Bandpass Horn



2 x 18" Turbo style Bandpass Horn



Usable Woofers = P-Audio C18-650EL

= P-Audio WN-18S

52Hz – 250Hz at 105dB[1W/1m] for single bin.

Use in stacks of at least 2 bins

General TS Parameters to look out for on 18" woofers for bass horns:

- FS(Resonant Frequency) Around 30Hz – 35HZ
- EBP(efficiency bandwidth product) High EBP, 115 and above [$FS/Q_{es} = EBP$]
- Qts (Driver Q) 0.26 and lower
- BL(Driver Motor Strength) 24TM [tesla meters] and above
- Mms 140gm and above

General TS Parameters to look out for on 10" & 12" woofers for midrange horns:

- FS(Resonant Frequency) 50HZ and above
- EBP(efficiency bandwidth product) High EBP, 150 and above [$FS/Q_{es} = EBP$]
- Qts (Driver Q) 0.28 and lower
- BL(Driver Motor Strength) 25TM [tesla meters] and above
- Le (inductance value of the coil) 1.2mH and lower