

Subwoofer enclosure Dayton II ST255-8 10"

Parts List:

1 Dayton II ST255-8 10" Woofer – [Parts Express \\$76.78](#)

1 Dayton SA100 100W Sub Amplifier – [Parts Express \\$109.88](#)

1 Acousta-Stuf Polyfill 1 lb. Bag – [Parts Express \\$9.25](#)

2 ft of 1 1/2" Inside diameter PVC pipe – Home Depot, Lowes, etc..\$2-\$3

3 Sheets 2'x4' MDF – Home Depot, Lowes, etc.. \$25

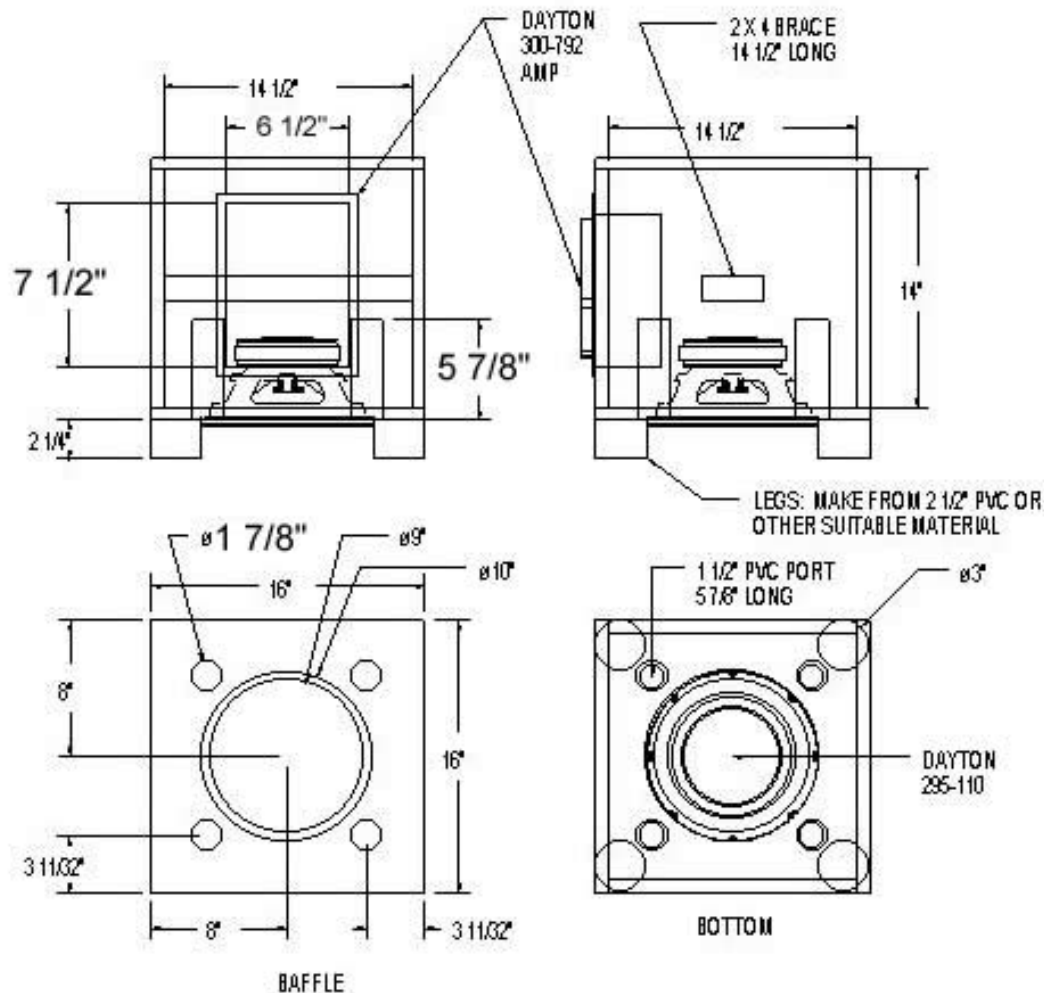
1 1/4 " or 1 1/2" drywall screws

Wood Glue

Paint/veneer/vinyl optional

Total Cost: about \$250

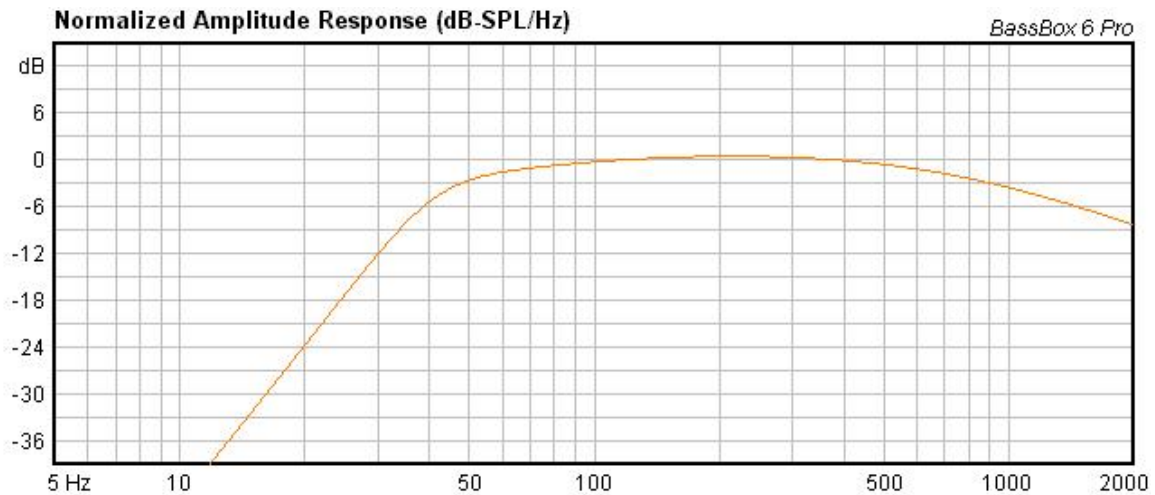
Plans: all measurements in inches



Ports: 1 1/2" inside diameter and 5 7/8" Long
 Subwoofer cutout: 9"
 Amplifier cut out for SA100: 7 1/2" H X 6 1/2" W

For 2 Cubic Foot Volume: change height from 14" to 16". All other dimensions stay the same. Ports also stay the same.

Estimated Response:



Suggestions:

- Predrill all holes for assembly, use wood glue and drywall screws
- Use router and [Jasper Jig](#) to for speaker cutouts for fast and easy cutting. Jigsaw will also work.
- For cabinet legs, you can use 2" PVC but can be tricky to attach to the enclosure. If you go PVC route, you will have to cut MDF endcaps with a either a hole saw or a router, epoxy those to the PVC then screw them onto the enclosure. The easiest way is to glue stack your choice of either 3 2.5"x2.5" square or 2.5" diameter (cut with hole saw or [Jasper Jig](#)) pieces of MDF. Square is easiest but round probably looks nicest.

Good Luck and Enjoy!