

## **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**

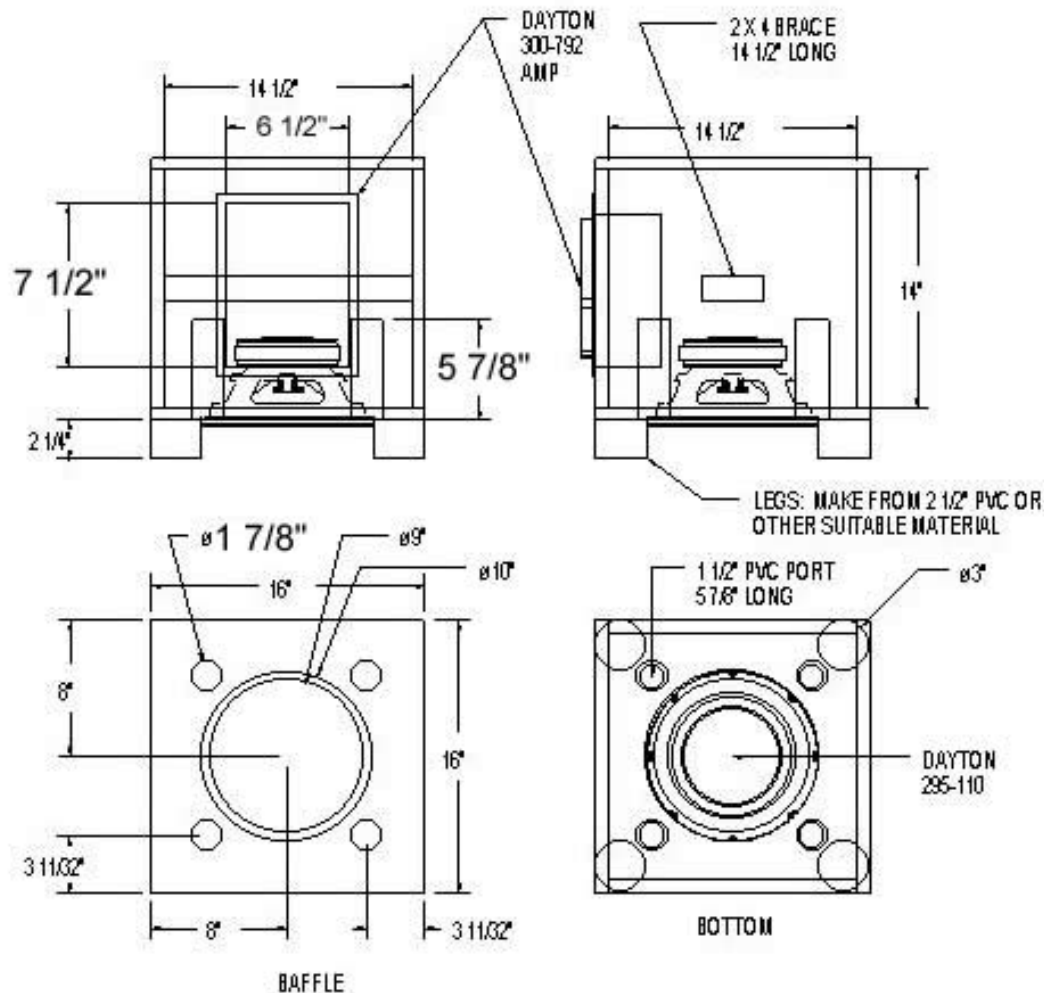
**Wood Glue**

**Paint/veneer/vinyl optional**

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**Total Cost: about \$250**

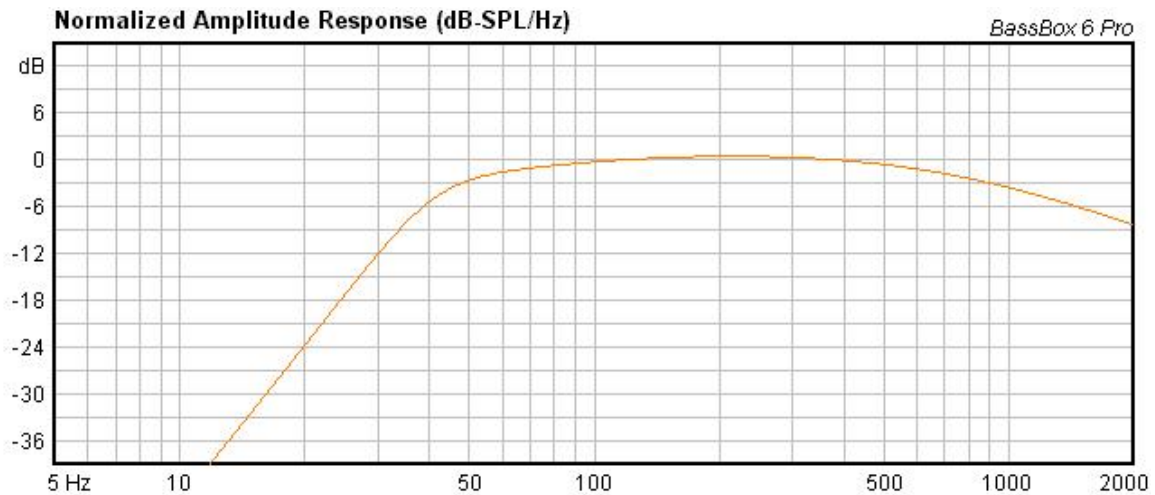
**Plans: all measurements in inches**



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!