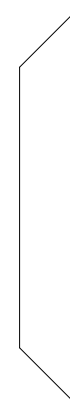
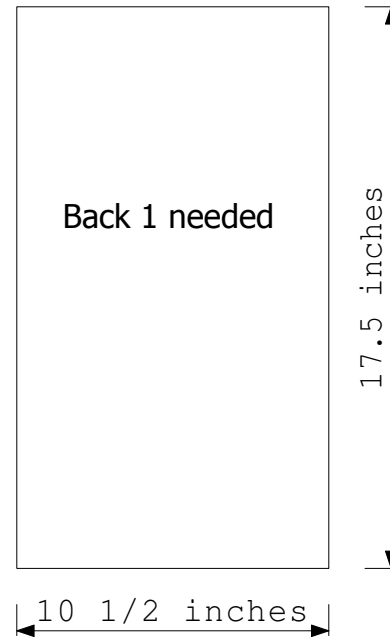
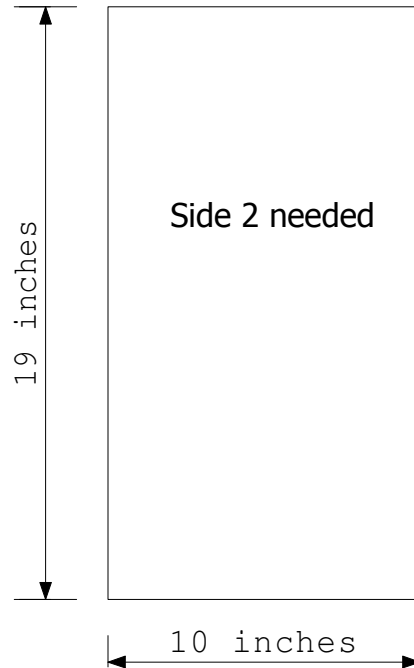
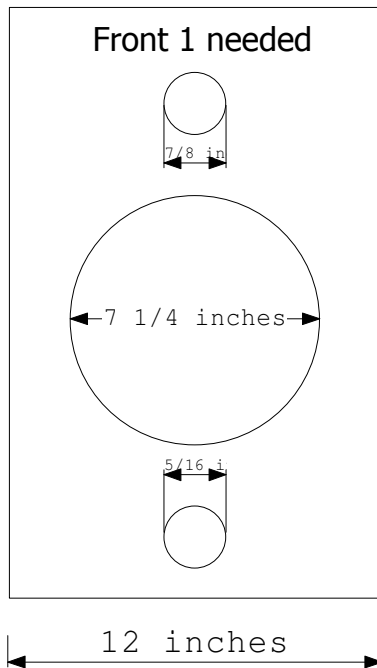


Basic 8" 2 way Design

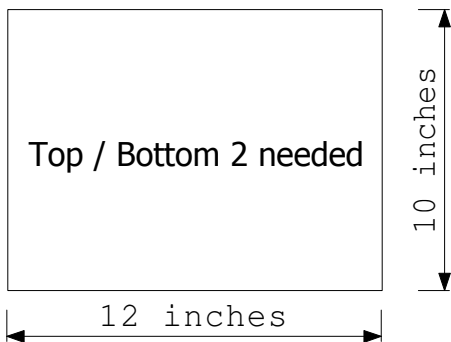


Top - bottom - side - detail

Front and rear cut at 90 degrees

Sides cut to a 45 degree angle

for a finished edge



This is a pretty simple design. The only real trick, is the 45 degree edge cuts. This makes for a nice edge, where the sides, top and bottom meet. You can adjust the dimensions and butt joint if you prefer. The front panel, just mounts flat to the face of the cabinet. The rear panel is recessed and screwed into cleats mounted inside the cabinet. Everything is basic as a design, the cabinet is just shy of 1 cf., which is perfect for a woofer this size. The kit comes with a port that you install from the front, it is friction fit. If when cutting the hole for the port, it gets a little sloppy, just RTV in place.

This project uses just a hair over one 1/2 sheet of plywood. You can use MDF, particle board, plywood, to build the cabinets, if you wish. The options are yours.

You can fill with acoustic batting, but it isn't needed, since the cabinet is closely matched to the woofer. But add if you wish.

Once finished, you end up with a pretty nice sounding speaker.

Crossover wiring is straight forward. Solder the leads to the crossover, and attach each lead to the proper speaker terminal. Positive to positive and negative to negative, for each driver.

Finally have fun and enjoy your project.

Measurements are Not to Scale