
Subject: Re: 3 PI build

Posted by [BFP](#) on Thu, 23 Jan 2014 23:26:22 GMT

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Now it's time to build the box and brace it. I started by gluing the top and sides to the baffle then added the bottom. Clamps were left on for a few hours and the boxes left for 24hrs before being handled.

Next up, bracing. I'm a fan of using a lot of bracing inside cabinets, especially large ones. I decided on 2 window braces, one below the horn and one between the port and the woofer. I also added a brace at the mid point of the woofer and stick braces on all the panels. Cutting or routing braces can be a lot of work. I cut this down by gang drilling the corners of the 4 window braces and cutting as much as possible on the mitre saw. I only had to do the short sides with the jig saw.

4 brace blanks stacked and clamped in place for drilling with a forstner bit.

One of the braces being installed

File Attachments

- 1) [DSCF9576.jpg](#), downloaded 8433 times
 - 2) [DSCF9577.jpg](#), downloaded 8450 times
 - 3) [DSCF9575.jpg](#), downloaded 8444 times
 - 4) [DSCF9580.jpg](#), downloaded 8512 times
 - 5) [DSCF9592.jpg](#), downloaded 8435 times
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