

---

Subject: Re: Plans Request

Posted by [Wayne Parham](#) on Tue, 21 Jun 2011 20:54:57 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

You can't really know what modifications will do without measurements. Sometimes, they're non-issues, other times they really make a difference. In general, the smaller cabinets can be tweaked a little bit in the dimensions because internal standing waves are high enough in frequency that the insulation effectively absorbs them. This makes woofer and port location a little less critical. But you do really need to keep the driver position on the baffle the same for the crossover, otherwise its phase will not interact with baffle spacing to give the right forward lobe. Don't spread the woofer and tweeter apart, for example, because this will make the forward lobe thinner, possibly too thin, depending on spacing.

---