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Subject: 10-pi plan request

Posted by [Duncan McBride](#) on Tue, 20 Jan 2004 02:15:04 GMT

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I've searched through past posts to see what speakers might be suitable for the Bottlehead Paramours, and I was very interested to read that these amps could be used with the JBL driver in the 10-pi. I really like the idea of building the folded horns, even though the Theater 4's would be more practical and sensible, and fit in my living room. Perhaps if I could see the plans for the 10-pi I could get over this dangerous infatuation - thanks

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Subject: Re: 10-pi plan request

Posted by [GarMan](#) on Tue, 20 Jan 2004 04:19:26 GMT

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Hi Wayne, I've also been studying the information on the 10PI on your website. Comparing the dimensions of the 4PI and 10PI, it seem like the 10PI is just a 4PI with the woofer facing the other way and fitted with a horn. Can you confirm if this is true? Have you, or any of your customers ever try convert a 4PI into a 10PI, provided tweeter attenuation is adjusted? Gar.

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Subject: Re: 10-pi plan request

Posted by [Wayne Parham](#) on Tue, 20 Jan 2004 04:24:55 GMT

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That's pretty much it. Some have built a convertible version that has the motor cabinet detachable for versatility. You can run the motor cabinet alone, or you can clamp on the horn.

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Subject: Re: 10-pi plan request

Posted by [Adam](#) on Tue, 20 Jan 2004 04:38:48 GMT

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The 10 pi ported cabinet alignments (given by pialign) without the attached horn are outstanding for midbass response. I've never actually used the program specifically to design a midbass enclosure, but designs that I've made and optimized on my own for midbass driver cabinets usually fall very close to the specs that pialign gives. The result is a very potent midbass and upper bass speaker. Strapping on the horn helps augment the bottom end. Adam

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Subject: You've got mail!

Posted by [Wayne Parham](#) on Tue, 20 Jan 2004 04:41:10 GMT

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Paramours don't seem to be as sensitive to the woofer's impedance fluxuations in the resonance region as do some other SET amplifiers. So you have a few more loudspeaker options than I would recommend for other SET amp owners. Four examples that I really like are the Theater

best suited for SET amps, but they aren't the worst either. Their efficiency is good, and their impedance curve is acceptable, but it's a close call. Some SET amps sound a bit anemic on

be used. But unless the room is huge, the speakers are so large they are intrusive.

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