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Subject: Theatre 4 Port Size

Posted by [BillEpstein](#) on Mon, 01 Oct 2001 12:21:08 GMT

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Hi Wayne, is 4" PVC okay for the port? If I can lay hands on a digital camera can I qualify for Pi decals?

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Subject: Re: Theatre 4 Port Size

Posted by [Wayne Parham](#) on Mon, 01 Oct 2001 18:00:06 GMT

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PVC pipe will work just fine for your port. Send me your mailing address and I'd be happy to send you a couple Pi logo decals.

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Subject: Re: Theatre 4 Port Size

Posted by [Crazy Dave](#) on Tue, 02 Oct 2001 11:43:45 GMT

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Hi Wayne, Can I get a couple logos too? Thanks in advance! Dave

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Subject: Re: Theatre 4 Port Size

Posted by [Wayne Parham](#) on Tue, 02 Oct 2001 12:46:52 GMT

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Sure, no problem. Send me your address and I'll send out the Pi logos.

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Subject: Re: Theatre 4 Port Size

Posted by [Crazy Dave](#) on Wed, 03 Oct 2001 11:42:33 GMT

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Hi Wayne, If you were designing a speaker for a theater or an auditorium, would you then increase the box volume? I think this would give you more lows and a sharper roll off, giving up some control. I guess you could also equalize instead (like KEF and Bose did). Dave

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Subject: PiAlign and bass reflex tuning

Posted by [Wayne Parham](#) on Wed, 03 Oct 2001 12:44:02 GMT

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In the case of most high efficiency woofers, PiAlign tends to make cabinets that are relatively small and slightly overdamped. Overdamped alignments are very forgiving of parameter shifts and room conditions. The relatively small box is also convenient, although larger boxes potentially offer greater extension.

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Subject: Re: PiAlign and bass reflex tuning

Posted by [Crazy Dave](#) on Wed, 03 Oct 2001 15:29:16 GMT

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Hi Wayne, What you say certainly does make sense. I think I will re-read your Pi-align paper. Does your Pi-alignment give you the double hump impedance curve that is normally associated with ported systems? Dave

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Subject: Re: PiAlign and bass reflex tuning

Posted by [Wayne Parham](#) on Wed, 03 Oct 2001 15:40:45 GMT

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Yes, there are two impedance peaks.

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