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Subject: Studio 2 Port info?

Posted by [crazychile](#) on Tue, 12 Oct 2004 14:54:31 GMT

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I am making a variant of the Studio 2 only using the PSD2002 for HF. Could someone please give me the port dimensions for the standard (non-tower) version of the Studio 2? Much  
Abliged, crazychile

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Subject: Re: Studio 2 Port info?

Posted by [Wayne Parham](#) on Tue, 12 Oct 2004 16:55:03 GMT

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Subject: Re: Studio 2 Port info?

Posted by [GarMan](#) on Tue, 12 Oct 2004 18:21:32 GMT

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Chile, If all you're doing is replacing the HF driver, it should not change port dimension at all. Cabinet and port dimensions are only relevant for bass alignment. (Although, if you're mounting the HF horn into the cabinet, you might need to increase cabinet dimension slightly to account for the volume displaced by the horn.) Going with the 8-PI as Wayne suggested is a good option. However, if you're sticking with the standard "bookshelf" format, you will need to introduce a crossover between the Alpha10 and PSD. The crossover designed for the Theater-3 would work well in this case, but verify with Wayne.Gar.

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Subject: Re: Studio 2 Port info?

Posted by [crazychile](#) on Tue, 12 Oct 2004 20:03:53 GMT

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Yeah, That's nice but I am confined to a bookshelf speaker for this application. GarMan- I e-mailed you about this a couple of days ago but no reply. Did you get it? I had some questions about the crossover. I am aware that the HF won't affect the port. What I am asking is what the port dimensions for the Studio 2 are? Anyone? Anyone? thx, crazychile

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Subject: Re: Studio 2 Port info?  
Posted by [GarMan](#) on Tue, 12 Oct 2004 21:29:46 GMT  
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Sorry, Chil. Didn't receive any email. But I've been using my address for work purpose last week so it might have over flowed. If you ask Wayne for plan for the 2-PI, it'll contain the port info you need. Try me again at [gclow\(at\)ca.inter.net](mailto:gclow(at)ca.inter.net)

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Subject: Re: Studio 2 Port info?  
Posted by [Wayne Parham](#) on Tue, 12 Oct 2004 22:51:16 GMT  
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Gar's right about the port and about the crossover. The port is 2" diameter x 1.875" long and you tweeter cable assembly for the PSD2002 and the right Zobel for use with a direct-radiating Alpha 10.

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Subject: Re: Studio 2 Port info?  
Posted by [crazychile](#) on Wed, 13 Oct 2004 10:05:08 GMT  
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Thanks Wayne. Thats 1.875 long PLUS the thickness of the baffle right?My front baffle will be 1.5" thickcrazychile

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Subject: Re: Studio 2 Port info  
Posted by [Wayne Parham](#) on Wed, 13 Oct 2004 15:31:40 GMT  
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The total length of the port should be 1.875" from edge to edge. If your baffle is 1.5", then I'd probably glue another 0.375" thick panel in the area that the port will be and drill a 2" hole through it. Maybe use a 2.5" x 2.5" square that's 0.375" thick or something like that. The hole drilled through the baffle and the extra piece will give you an overall port length of 1.875".

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