Subject: Sub enclosure for 10" mid within bass cab.? Bmar? Wayne?
Posted by Garland on Thu, 03 Apr 2003 12:56:31 GMT
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Hi guys,I'm putting together Dave Cope's three ways and need to know how small an enclosure the 10" JBL's can live with within the bass cabinet for the 15" TAD drivers. I don't want to use up more of the bass cabinet's volume than neccesary. I was thinking of a box with an internal volume of .42 cu. ft. Is this too small for the JBL 10"? I think maybe Bill M. might have advised on this but I can't find any record in my notes.Thanks!Garland

Subject: Re: Sub enclosure for 10" mid within bass cab.? Bmar? Wayne?
Posted by bmar on Thu, 03 Apr 2003 13:21:51 GMT
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Hi G,a .4 box would be good. To split hairs, I think I was planning to be around .5It's my impression that the smallest box you could build around the 10" will be big enough for the band width it will be used in. I think your right on the money with the small box and not use anymore of the 15" driver space than necessary.Bill

Subject: Re: Sub enclosure for 10" mid within bass cab.? Bmar? Wayne?
Posted by Chris R. on Thu, 03 Apr 2003 13:58:36 GMT
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Are these 2123's? The graph for those on JBL's site showsresponse in a 0.25 cu ft box.Chris

Subject: Drool. Slobber. ;-) n/t
Posted by DRC on Thu, 03 Apr 2003 14:54:26 GMT
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nt Keep your ears and your mind open.

Subject: Subenclosure volume
Posted by Wayne Parham on Thu, 03 Apr 2003 15:27:04 GMT
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Hi Garland!I put them in a 720 cubic inch sealed subenclosure, which is about 0.4 cubic feet. The volume isn't terribly critical as long as it doesn't shove the f3 point up above your crossover frequency. But you don't want it small enough that the system becomes underdamped, because it will make the midrange peaky and cause it to sound "throaty" down low.Wayne

Subject: Thanks!... and Dave, just a little bit longer...! (nt)
Posted by Garland on Thu, 03 Apr 2003 15:44:24 GMT
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nt