Subject: 3 Pi review, and question on using bass bin as sub
Posted by Champion on Sat, 19 Jul 2008 02:16:47 GMT
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Hi all, a short review and a few more construction photos on my 3 pi.One question - any one tried to use the 3 pi (or other) bass bin as a subwoofer? Any idea on how to design a crossover for such purpose? I don't very deep bass, but something to around 30Hz and give a slight boost on the bass for my Merlin TSM would be great. Just want to have some fun. Thanks.
http://www.onestepcloser.co.nz/wordpress/?p=95

Subject: Re: 3 Pi review, and question on using bass bin as sub
Posted by Wayne Parham on Sat, 19 Jul 2008 02:38:04 GMT
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provides nice full rich bass that doesn't draw attention to itself. But it is really designed for use as a full range speaker, and you can get deeper bass from a design tuned for use specifically as a subwoofer. One example is a LAB12 woofer in a 4.5ft3 cabinet tuned to 22Hz. I can send plans if you're interested.

Subject: Bass bin as sub and reckhorn
Posted by Champion on Sun, 20 Jul 2008 13:16:28 GMT
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Hi Wayne, besides the extension, how is the quality of the bass bin compare to a real sub? Is it not as flat/fast as a real sub? BTW, anyone has experience with the reckhorn A400/A401 sub amps? Seems very reasonably priced and with plenty of controls. Are they of good quality?

Subject: Re: Bass bin as sub and reckhorn
Posted by Wayne Parham on Sun, 20 Jul 2008 17:45:14 GMT
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slow gradual lower rolloff which never gets boomy, even when parameters shift from use at high power levels or when the loudspeaker is used in small rooms. That's usually plenty for most people, and I'd say 95% of the people use them that way. In fact, I can't think of anyone that's bothered to augment them with a sub.It's just that a subwoofer that's tuned for lower frequency

going strong at that frequency and will go all the way down to 20Hz or below.If you want the real deep bass at earthshaking levels, like for home theater, then adding subs is an easy way to do it. They're also very useful for smoothing room modes in problem rooms with no damping. In that case, you're not looing for additional output at all, you're just filling in holes caused by exaggerated room modes. Either way, the subs are fairly easy upgrades, if wanted or needed.