Subject: Three pi sub
Posted by Roland Gama on Thu, 24 Jan 2008 12:51:24 GMT
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Hello WayneCan I have the plans for the three pi sub? The ones using the lab12 drivers.

Subject: You've got mail!
Posted by Wayne Parham on Thu, 24 Jan 2008 15:39:00 GMT
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Subject: Re: You've got mail!
Posted by Roland Gama on Fri, 25 Jan 2008 10:27:00 GMT
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Thanks for the plans.How would you compare a pair of three pi subs against a single 12pi v2 in relation to sound quality not power?

Subject: Differences between subs
Posted by Wayne Parham on Fri, 25 Jan 2008 15:34:55 GMT
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basshorn subwoofer has three mechanisms that reduce distortion. One is push-pull drive, which works at all frequencies in the passband, but only reduces even numbered harmonics. The second mechanism is horn loading, which reduces excursion in the passband (above 30Hz), which in turn reduces distortion above 30Hz. The third thing is the front chamber and horn folds provide a low-pass filter that attenuates high frequencies, and that results in a reduction of harmonics from third on up.The difference in output is about 15dB too. While that's not an

response down to 20Hz.  It is also a much smaller box.