
Subject: to Stage or to Theater

Posted by [dbeardsl](#) on Fri, 01 Mar 2002 20:32:51 GMT

[View Forum Message](#) <> [Reply to Message](#)

I searched the Forum.. couldn't find a good previous discussion of these different Pi's So yeah, The stage with its smaller box and tougher driver The Theater with its proly more linear response, well, lower at least. I already have boxes as big as the Theaters (a bit bigger actually, some 3ways I made using EV 15TRXB's) and honestly, the response goes REALLY low. I love the smooth bottom octave of these, but I'm not sure don't want another pair of 8cu ft enclosures... The Stage 4 Pi's are an option... I'm just concerned that I'll lose some in the 25-40hz region.. my guess is that it has a pretty steep rolloff below 40 or so, where as the Theaters with the delta 15 have a much smoother rolloff (All guessing and speculation) Now, The question is quantitative. How much lower is the Stage at say 30Hz? anybody have a gander, measurements, or calculations (Wayne?)

Subject: Re: to Stage or to Theater

Posted by [Wayne Parham](#) on Fri, 01 Mar 2002 21:09:56 GMT

[View Forum Message](#) <> [Reply to Message](#)

The Stage Series speakers are made for higher power applications, and work well without much

sitting in a corner or very near. But don't run that speaker out in the open.

Subject: Some actual calculations

Posted by [dbeardsl](#) on Sat, 02 Mar 2002 09:53:17 GMT

[View Forum Message](#) <> [Reply to Message](#)

I Ran PiAlign on The EM Delta 15LF, Then used WIN ISD (see link) to graph the responses of it and The Delta 15 and a number of others. The response of that 15 LF is almost exactly the same shape (several db less efficient though) in a 3.8cuft box as the Delta 15 in the Theater 4Pi box. Of course, the published graph looks like there is a massive 15dB dip in the 40-50Hz area. Would it really have a dip like that in this application? or is that some wierd effect of running in an Infinite

baffle. anybody have any thoughts on this?

<http://www.linearteam.dk/>

Subject: Delta 12's, 15's and the new Magnum series
Posted by [Wayne Parham](#) on Sat, 02 Mar 2002 15:43:53 GMT
[View Forum Message](#) <> [Reply to Message](#)

response was much better than the Delta 15LF. I think the Delta 15 is a cleaner sounding driver, which was particularly important to me when using it in a two-way system. I do like the Delta

speakers have rapidly become very popular speakers and with good reason. Their performance is good, particularly for the price. They are somewhat large, however, and as you've noted, this is

to beat. Have you seen the new Magnum drivers from Eminence? They are in a completely different price range, and so a comparison with the Delta series parts isn't merited. But I think you might find their announcement to be interesting, nonetheless. It appears Eminence has decided to stop inferring that JBL Professional Series offerings were "over-engineered" and have decided to enter into the arena with them instead. Their new LF motors boast flux-stabilizing shorting rings that reduce harmonic distortion. I'm very interested to evaluate these drivers, and plan to do that shortly.

Subject: Thanks
Posted by [dbeardsl](#) on Mon, 04 Mar 2002 16:14:43 GMT
[View Forum Message](#) <> [Reply to Message](#)

Thanks Wayne. Now I just have to decide on cabinet construction :-)
1X2's edge glued, Birch Plywood, Marine grade plywood maybe, MDF, ...

