
Subject: Impedance curves for Eminence Woofers?
Posted by [Patrick Kopson](#) on Mon, 20 Jan 2003 13:59:49 GMT
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Where can I find the impedance curves for Eminence Woofers--especially the Alpha 10-A and Delta 12LF-A?Thanks

Subject: Re: Impedance curves for Eminence Woofers?
Posted by [Wayne Parham](#) on Mon, 20 Jan 2003 18:25:26 GMT
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Eminence offers three details that describe their impedance curves: Z_{max} , R_e and L_e . These allow you to plot a fairly accurate representation of the impedance of their woofers in free air.

Subject: Thank you
Posted by [Patrick Kopson](#) on Mon, 20 Jan 2003 18:31:44 GMT
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I found the Z_{max} data on the spec sheets, and that is all I really needed.

Subject: What'cha gunna build, Patrick? nt
Posted by [Garland](#) on Mon, 20 Jan 2003 22:16:16 GMT
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Subject: Re: What'cha gunna build, Patrick?
Posted by [Patrick Kopson](#) on Tue, 21 Jan 2003 18:35:54 GMT
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I completed (not finished because the cabinets are bare MDF--not even sanded yet) my 2 Pi's a few days ago. The tonal balance is off as described in the "piezo shout" thread above. To me, a complete newbie, the Delta 12-LF's high frequency roll-off looks like a better match to the 1038 than the Alpha 10-A's. Also the Alpha 10-A has a hump between 1K and 4K, whereas the Delta 12-LF has a smaller hump between 2K and 3K. So I thought I might try a cross between a Studio 2 and a Theater 3. But I will try slightly attenuating the 1038's and damping there plastic horns first.

Subject: Re: What'cha gunna build, Patrick?
Posted by [Garland](#) on Tue, 21 Jan 2003 21:01:23 GMT
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What did you use for damping in the cabinet? Like my Theater 4's, the 2 Pi's I built 6 months ago have a 1/2" layer of felt carpet pad under poly 1 1/2" poly batting lining three sides of the cabinet. These 2's don't sound "broken" but they are on the bright side which is good with many of my older jazz recordings which are often pretty weak in the treble. Please report back on the effects of damping the horn. Thanks and hope to see you at some listening session soon!G.

Subject: Re: FWIW, here's what I did....
Posted by [Matts](#) on Wed, 22 Jan 2003 00:22:27 GMT
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Patrick-when I built my 2Pi's, I used the full thickness of R13 fibreglass insulation on three walls and used the recommended inductor, although the inductor affects the Alpha 10. They sound good. I also damped my tweeter "horn" later, just for the heck of it cause I had some extra Xtreme Dynamat, and it helped tighten up the bass and mids, to my surprise, and didn't really affect the high notes. Good Luck!Matts
