
Subject: Deltalite vs other Eminence drivers
Posted by [Henry Eng](#) on Sun, 10 Apr 2005 17:29:23 GMT
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Can someone who has heard the Deltalite 12 or 15-inch driver and other Eminence drivers make a comment on whether the Delta's are good compared to their higher-end models? Obviously there will be compromises...Thanks-Henry

Subject: Re: Deltalite vs other Eminence drivers
Posted by [Wayne Parham](#) on Mon, 11 Apr 2005 00:59:05 GMT
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They're pretty good, but midrange response is reduced because of the lack of a radiating dust cap.

Subject: Radiating dust caps, Wayne?
Posted by [Garland garland](#) on Mon, 11 Apr 2005 20:27:43 GMT
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...Awhile back I mentioned that I had enjoyed the effect of adding a layer of a felt like material to the dustcaps of my Delta 15A's. I experienced a cleaning up of the midrange (from what I don't really know). Could this be due to reduced midrange response similar to what your talking about here?G.

Subject: Re: Radiating dust caps, Wayne?
Posted by [Wayne Parham](#) on Tue, 12 Apr 2005 02:48:59 GMT
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Could be, it's hard to say. On the Eminence drivers without a radiating dust cap, midrange output is significantly reduced.

Subject: Re: Radiating dust caps, Wayne?
Posted by [Chris R](#) on Tue, 12 Apr 2005 15:51:34 GMT
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Which Eminence drivers have and don't have the cap you are referring to?

Subject: Re: Radiating dust caps, Wayne?
Posted by [Wayne Parham](#) on Tue, 12 Apr 2005 17:18:44 GMT
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The Magnums and the neodymium drivers have mesh dust caps, so they don't radiate any sound.

Subject: Re: Radiating dust caps, Wayne?
Posted by [Crazy Dave](#) on Sun, 17 Apr 2005 19:09:52 GMT
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Hi Wayne, Given the reduced midrange output, what would the optimum Crossover be for these drivers? Dave

Subject: Re: Radiating dust caps, Wayne?
Posted by [Wayne Parham](#) on Sun, 17 Apr 2005 22:04:21 GMT
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They're all different, but I don't use any of them as midrange or midwoofers. I don't think the Magnums are suitable for two-way systems, they must be used with mids. The neodymium parts must be crossed over to mids pretty low too.

Subject: Re: Radiating dust caps, Wayne?
Posted by [Crazy Dave](#) on Mon, 18 Apr 2005 02:27:03 GMT
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So they are more suitable as 3-ways, or if used as a 2-way, the tweeter must be able to be crossed low. Maybe 800Hz? That would be out of line with your design parameters of keeping the crossover out of the voice range. Thanks for the response, Dave

Subject: Re: Radiating dust caps, Wayne?

Posted by [Wayne Parham](#) on Mon, 18 Apr 2005 03:06:22 GMT

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The neodymium 2510 can be crossed over at 1kHz, even on the midhorn. But I'm crossing the Magnums lower than that, and using them purely as woofers.

Subject: Thanks! (nt)

Posted by [Crazy Dave](#) on Mon, 18 Apr 2005 14:20:40 GMT

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No text!
