Subject: Eminence just announced a new 2" compression driver
Posted by Wayne Parham on Wed, 17 Jan 2007 22:57:52 GMT
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Eminence announced the PSD3006 compression driver. It's been a while since they discontinued the PSD3003, so lets hope this new driver is worth the wait. The Eminence PSD3006 uses a titanium diaphragm instead of phenolic.
Eminence PSD3006 spec sheet

Subject: Not sure of some specs on them????
Posted by spkrman57 on Thu, 18 Jan 2007 11:04:59 GMT
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Wayne, Most compression drivers use a 2 to 1 ration of diaphram size to throat size.This driver is 3" with 2" throat.They state resonance as 511 hz and response as 500 hz on up. I would not use this one below 1 khz.Not sure these specs make sense to me.Ron

Subject: Re: Eminence just announced a new 2" compression driver
Posted by PPoli on Thu, 18 Jan 2007 12:38:16 GMT
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Why are you interested in 2" compression driver?They don't seem to match Pi projects, with their high crossover cut, specially for 2" drivers, and the probably need a refining tweeter above.Anything new under the sun?

Subject: Re: Not sure of some specs on them????
Posted by Wayne Parham on Thu, 18 Jan 2007 15:40:53 GMT
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I haven't brought in one of these in yet to see how it does, but I think it should be suitable for 600Hz or 800Hz crossover.

Subject: Re: Eminence just announced a new 2" compression driver
Posted by Wayne Parham on Thu, 18 Jan 2007 16:02:49 GMT

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Subject: Re: Not sure of some specs on them????
Posted by spkrman57 on Mon, 22 Jan 2007 17:46:31 GMT
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Wayne, I will wait until you get a pair of them and report back to us!Ron

Subject: Re: Eminence just announced a new 2" compression driver
Posted by dB on Tue, 23 Jan 2007 02:14:11 GMT
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For sure this must be "The Ultimate Concert Hall Master Speakers".

Subject: Re: Eminence just announced a new 2" compression driver
Posted by Wayne Parham on Tue, 23 Jan 2007 03:01:56 GMT
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Subject: Re: Eminence just announced a new 2" compression driver
Posted by dB on Thu, 25 Jan 2007 23:29:40 GMT
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Hey Wayne,I would like to have them side by side.This 2" is about ready for compensation. What do you think? We should also compare prices as soon as we know the PSD3006 price.(If you need any T/S like the Le param. that they don't use to publish, I usually ask Professor S. Silva from Selenium Brasil.)You may even be able to ask for a new SUB with specs made by you.The response frequency curve is away above 102dB@20K so that you don't need a super tweeter.(DPD - stands for PTC)DPD® - Driver Protection Device – including a PTC and an HPCCR resistor, this system assures longer durability at eventual overcharge.The original .pdf for

the 2" SELENIUM D3300Ti DPD is here:http://www.seleniumloudspeakers.com/site2004/catalogo/pdf/driver_titanium_D3300tidpd_new.pdfWe will know your report about the drivers and some news about your new Master Speaker design for Concert Halls.
http://www.partsexpress.com/pe/pshowdetl.cfm?&PartNumber=264-228&DID=7

Subject: Re: Eminence just announced a new 2" compression driver
Posted by Wayne Parham on Fri, 26 Jan 2007 03:18:45 GMT
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I'm eager to check out the PSD3006 too. My time right now is spoken for, but I'm itching to bring in a PSD3006 and measure it on my LMS system.

Subject: Re: Eminence just announced a new 2" compression driver
Posted by dB on Fri, 26 Jan 2007 08:16:39 GMT
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I didn't see it's response curve yet. As you know we can't access the information on the Eminence PSD3006. I want to see if it works above 10K without a super tweeter. It's the 2" better for large halls? Regards.

Subject: Re: Eminence just announced a new 2" compression driver
Posted by Wayne Parham on Fri, 26 Jan 2007 14:39:20 GMT
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I'm interested to know the same thing. The main thing about the larger compression drivers is they are able to be used at a lower crossover frequency than smaller ones. Most handle a little more power too.
