Subject: Initial imprssion of the Audio Nirvana 6,5
Posted by Bob Brines on Sat, 04 Jun 2005 14:00:26 GMT
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I've just had my first good listen to Fred's Audio Nirvana 6.5" drivers.Background:My first thoughts were to slap the AN's in a new pair of FT-1600's I was building for a customer and then A/B them with my own FT-1600's with the stock FE167E's. The d... magnet wouldn't go through the driver cut-out! The I.D. of the AN flange is smaller than the O.D. of the magnet. And someone calls himself an engineer? Plan B: I slapped together a pair of FB-16 boxes. I enlarged the driver cut-out to 5 7/8". This leaves very little material on the baffle to mate with the flange of the basket, but it does go, and an FE167E will still fit.Fit and Finish:Fred's drivers are blems. There is a minor dent in the surrounds. No big deal and doesn't affect performance. The cone is black paper and the frame stamped steel painted flat black. The AN has zero eye appeal and when mounted on a black baffle, it will essentially disappear. For this reason alone, I will not be advertising the AN as a drop-in for the FE167E in my speakers. The cone and whizzer are standard speaker paper. They appear well made, gluing and alignment are good. The Magnet is huge. It appears to be the soft, rubbery material that refrigerator magnets are made of rather than hard ceramic. I could be wrong about this, but I can make a finger nail impression on the face of the magnet extending beyond the back plate. My question about this driver: With a magnet so heavy, why is the BL so low and the Qts so high? The AN is not shielded, but I have no problem with the drivers 20" away from the TV and in the plane of the screen. The T/S parameters measured are not significantly different from the published numbers, and, yes the AN is close to a one-for-one replacement for the FE167E.Listening impressions:The AN has the same type of sound that the FE167E has. Good detail and open mid-range. Highs seem to be comparable, although I haven't done any FR measurements yet. The AN has a bit more bite than the FE167E, a bit more forward. This could be real or it could be that the AN needs more break-in. I did not optimize the cabinet or the BSC for the AN, or have I tried the AN with/without a zobel. They are currently running without a zobel. The bottom end of the AN matches the FE167E in the FB-16 cabinet. This confirms that the T/S parameters are a close match.I need to live with the AN's a bit longer, but my initial impression is that there is not much to choose from between the FE167E and the AN 6.5. IF the bite/brightness of the AN is real, then it might be a better choice with tube, and the FE167E better for SS. Time will tell. Still, IMO, the FE167E has much better eye appeal. That is the deciding factor for me. YMMV.Bob

Subject: Re: Initial imprssion of the Audio Nirvana 6,5
Posted by Martin on Sun, 05 Jun 2005 00:16:53 GMT
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"The Magnet is huge. It appears to be the soft, rubbery material that refrigerator magnets are made of rather than hard ceramic. I could be wrong about this, but I can make a finger nail impression on the face of the magnet extending beyond the back plate. My question about this driver: With a magnet so heavy, why is the BL so low and the Qts so high?"It is probably a cheap inefficient magnet, this is what may give the price advantage. If they used a magnet like Fostex, then the price would have been like Fostex. If the price was the same as Fostex, there would be

no motivation to buy an unknown pair of Audio Note drivers instead of a proven product. Most DIYers are cheap and price often wins over quality.

Subject: Re: Initial imprssion of the Audio Nirvana 6,5
Posted by paba on Sun, 05 Jun 2005 04:20:03 GMT
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Does AN have a website where we can see some T/S or specs of these drivers? Are there more models.I heard two speakers recently with AN drivers in it, one was a backloaded horn and one was ported box and the horn sound very nice. I can't say for sure they were the same model drivers, but it seems to me if your fit for a horn then you don't fit in ported box, but what do I know.I've heard the FE167E and it is very good in transmission line.cheerspaba

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Subject: Re: Initial imprssion of the Audio Nirvana 6,5
Posted by paba on Sun, 05 Jun 2005 04:27:56 GMT
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Oops, It must be late, I mixed up audio nirvana with Hemp Audio.Everything in my post refers to Hemp and not AN.sorry about thatpaba

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Subject: Re: Initial imprssion of the Audio Nirvana 6,5
Posted by Bob Brines on Sun, 05 Jun 2005 09:44:41 GMT
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Specs are here.
 AN/Fostex Specs

Subject: Re: Initial imprssion of the Audio Nirvana 6,5
Posted by ronbrady on Sun, 05 Jun 2005 13:08:48 GMT
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Hi BobNice write-up on the AN driver. I'm sure that the molded magnet is much less expensive than the machined ceramic but it could have an advantage over the ceramic in that the elastic properties of the material would tend to damp the resonance of the stamped steel basket.Just a

thought.Ron Brady

Subject: Re: Initial imprssion of the Audio Nirvana 6,5
Posted by roncla on Sun, 05 Jun 2005 14:23:52 GMT
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Most DIYers are cheap and price often wins over quality.HAY! i aint cheap! When i take my lady out for a nice supper i even supersize.ron

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Subject: Re: Initial imprssion of the Audio Nirvana 6,5
Posted by roncla on Sun, 05 Jun 2005 14:31:50 GMT
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I doubt it. The fridge magnet is more of a polymer(ok some sort of plastic/rubber thing) base with a fine ferrous oxide matrix that has been magnetized. It will not have the retentivity or the Gauss of a ceramic for the same volume. It may ,over time, lose its strength due to the inherent vibrations/heat produced by a driver. Time will tell.ron

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Subject: Re: Initial imprssion of the Audio Nirvana 6,5
Posted by Martin on Sun, 05 Jun 2005 14:32:19 GMT
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"When i take my lady out for a nice supper i even supersize"I bet you even get out of the car and eat in! I bet she pays?Martin

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Subject: Re: Initial imprssion of the Audio Nirvana 6,5
Posted by roncla on Sun, 05 Jun 2005 14:38:40 GMT
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I bet she pays?Dang straight, ya think i am made of money?All kidding aside, when i see someone just starting out in this hobby i try to convince them to start out with a better performing, more expensive, driver. Its what they will end up with anyway. Its like if i was going into auto racing would i start with a tweaked Yugo or a Porshe.ron

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