## Subject: Adding Tweeter to Full Range Driver Posted by ttan98 on Fri, 02 Mar 2007 01:40:49 GMT

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I am wondering whether there are any major improvemnets in the sound quality by adding a tweeter to a full range driver. An example would be Fostex FE167E, Fostex suggests in their phamplet of adding their own Fostex tweeter. Does this prove benefitial? I am sure some of you out there have tried this combination. If you have found it to improve the sound quality then let us know what type of tweeter you picked and why thanks...

Subject: Re: Adding Tweeter to Full Range Driver Posted by Duke on Sat, 03 Mar 2007 01:04:16 GMT

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In my opinion adding a supertweeter can be detrimental if the speaker sounds balanced as is. If you're augmenting with a subwoofer or if the speaker has very good bass but could use a bit more energy on top, then a supertweeter will help. In any event, a supertweeter will probably improve the detail and sense of speed. In my opinion those characteristics are nice if they don't come at the expense of making the tonal balance seem too lightweight. I use or have used Fostex FT17H and/or T90A with an equalized FE206E, which was augmented down south by a powered woofer section. Without the augmenting woofer, the equalized FE206E sounds more balanced to my ears without a supertweeter. Duke

Subject: Re: Adding Tweeter to Full Range Driver Posted by Bill Wassilk on Sat, 03 Mar 2007 03:50:21 GMT

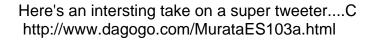
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I agree with everything Duke said. It's been a while since I've listened to the Fostex Fe167. I forget what model of Fostex's it was, but it was one of the smaller FE series seemed like it started going cone breakup mode, or rolling of between 6k-8k, but people were x-over betweem 8k-10k with just a cap to add the extra high-end extension. Jim Denton or Akhilesh should chime in, they've used Fostex's in the past.Bill W.P.S. The Fostex FE206E is one of the smoothest single drivers I've heard.

Subject: Dagogo review

Posted by colinhester on Sun, 04 Mar 2007 01:16:08 GMT

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Subject: Re: Adding Tweeter to Full Range Driver Posted by akhilesh on Sun, 04 Mar 2007 16:58:56 GMT

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I like using a dome tweeter, for the 8 inch full rangers. One can use ot with the 6 inchers also, if needed. Of course the more you add: sub, supertewweter, caps, inductors, the more you lose that single driver magic, so take each step only if necessary. -akhilesh

Subject: Re: Adding Tweeter to Full Range Driver Posted by ttan98 on Mon, 05 Mar 2007 21:57:51 GMT

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Thanks everyone for the input...