
Subject: Adding Tweeter to Full Range Driver
Posted by [ttan98](#) on Fri, 02 Mar 2007 01:40:49 GMT
[View Forum Message](#) <> [Reply to Message](#)

I am wondering whether there are any major improvements in the sound quality by adding a tweeter to a full range driver. An example would be Fostex FE167E, Fostex suggests in their pamphlet of adding their own Fostex tweeter. Does this prove beneficial? 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
[View Forum Message](#) <> [Reply to Message](#)

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
[View Forum Message](#) <> [Reply to Message](#)

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 off between 6k-8k, but people were x-over between 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
[View Forum Message](#) <> [Reply to Message](#)

Here's an interesting take on a super tweeter....C
<http://www.dagogo.com/MurataES103a.html>

Subject: Re: Adding Tweeter to Full Range Driver
Posted by [akhilesh](#) on Sun, 04 Mar 2007 16:58:56 GMT
[View Forum Message](#) <> [Reply to Message](#)

I like using a dome tweeter, for the 8 inch full rangers. One can use it with the 6 inchers also, if needed. Of course the more you add: sub, supertweeter, 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
[View Forum Message](#) <> [Reply to Message](#)

Thanks everyone for the input...
