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Subject: Alpha 12 + Vifa DX25?

Posted by [uW](#) on Wed, 23 Mar 2005 19:28:34 GMT

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What do you think about the suitability of the Vifa tweeter for a Studio Series Three Pi? (Same cabinet volume and tuning as for Thermionic Three Pi, except with a conventional tweeter and (hopefully) a simple first-order crossover?) Thanks!-uW

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Subject: Re: Alpha 12 + Vifa DX25?

Posted by [Wayne Parham](#) on Wed, 23 Mar 2005 20:45:01 GMT

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I imagine it would work pretty well. The thing is that the box size for an Alpha 12 is so large. A 4.5ft<sup>3</sup> cabinet should be considered the absolute minimum size. Best to run Alpha 12's and 15's in huge boxes or open baffles. As for crossover, the DX25 is suitable for use down low, and the Alpha 12 develops plenty of output up high. I'd probably go with a first-order crossover, just like

10 watt resistor across it. I'd probably size up the series coil for the Alpha 12 though, maybe use 1.0mH to 1.5mH to reduce the output above 800Hz. Just use a single coil in series with the woofer and don't use a Zobel. That way it isn't acting so much as a crossover as it is providing a reduced shelf above 800Hz.

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Subject: Re: Alpha 12 + Vifa DX25?

Posted by [uW](#) on Thu, 24 Mar 2005 00:53:42 GMT

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Thanks, Wayne!-uW

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