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Subject: Re: horn types?

Posted by [Wayne Parham](#) on Thu, 23 Dec 2004 21:25:47 GMT

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You could certainly pair an APT tweeter with an Alpha 8 or 10 speaker, and I'd expect good results. You'll need to pad the tweeter down to match, and you'll want a crossover slope that blends well. Very do-able. I've used a handful of successful arrangements for speakers like these.

a smaller tweeter crossed over higher. For many years, I used the KSN1038 piezo tweeter and I could count on very good performance from that part. But it looks like I'll be switching to the Vifa DX25 soon because the KSN1038 has been discontinued. The KSN1038 is a compression horn driven by a small cone diaphragm. Performance is good particularly for the money. But supplies are nearly exhausted, and I'm not sure if and when CTS will find a buyer for the tooling. So I've redesigned to use a Vifa DX25 dome tweeter, which is silky and smooth. They're more expensive, but they do sound nice. I considered using the APT tweeters when making the change, but I decided on the Vifa DX25 instead. I used a first-order filter on the Vifa, and I suppose that might work on the APT too. But unless a person is very careful with input power, I'm not a fan of first-order crossovers on compression drivers. It's too easy to over-drive them and send the diaphragm into the phase plug.

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