
Subject: Re: First Impressions

Posted by [Martin](#) on Sat, 09 Apr 2005 17:31:13 GMT

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David is a nice guy and I have bought several pairs of drivers from him. Very enthusiastic about his products and he has taken a lot of criticism for his positions. He is very upfront about his beliefs. But, I definitely do not agree with David. If you look at the 8" full range drivers he sells, they do have a lot in common. Typically they have a f_s between 50 and 60 Hz, a Q_{ts} between 0.20 and 0.35, and a M_{ms} between 10 and 15 gm (so the V_{as} values are also close). This includes the Lowthers and the Fostex drivers. If you put any one of these drivers in a ported enclosure tuned to say 55 Hz, the final performance of the drivers will be close. The enclosure only reinforces the bass below 100 Hz. The amount of bass produced will be a function of the Q_{ts} , low Q_{ts} will have weaker bass output. His enclosure will work under the right conditions but they are probably (maybe I could claim definitely) not optimum. Martin
Quarter Wavelength Loudspeaker Design
