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Subject: Re: Thx Wayne.

Posted by [Wayne Parham](#) on Wed, 27 Apr 2005 23:09:04 GMT

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I'm not as concerned with the bottom end, which Hornresp does a good job of modeling because cone motion is pistonic. I'm more concerned with the behavior of the driver at the upper end of its response curve. That's more determined by cone shape, including the dust cap. If you have anything to make measurements with, you might verify the mid/tweeter crossover point. If not, then look at the manufacturer's spec sheet. If the speaker has a lot of energy above 2kHz, you probably want the midrange coil and if not, then probably not. Look at the crossover schematic and the notes about different drivers for some examples. Your woofer models very much like JBL

bass bin. I think your speakers will work out very well if you build them exactly like the plans show, but maybe verify the midrange/tweeter crossover and choose the midrange circuit that suits your drivers best.

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