Subject: Towers and speakers on stands
Posted by Wayne Parham on Wed, 10 Jan 2007 02:34:17 GMT
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I really like your speaker, Fred.I thought about adding it to the line, as we discussed. But I think it's just as well that we just let people know your version is around - that's kind of how the

to make the speaker with existing kit parts or whatever.Another hybrid I wanted to toss around is a

the larger enclosure volume is really useful for additional damping. The characteristics of the Alpha 8 make it suitable for very small boxes, so you don't really need the enclosure volume. Adding another woofer is no trouble at all in the space you have.What is gained when adding a second woofer is elimitation of floor bounce amplitude notch in the midbass, where distance to the

or a bookshelf speaker on a stand, what you see is a dip in response at the frequency where

ground, and response is smooth. But move the woofer up away from the ground more than a couple of feet, and floor bounce starts making these notches and peaks.By adding a second woofer, you can fill in the dips and average the response. This is one of the characteristics I like about your arrays, they tend to average out the response curve and remove the problem of floor bounce. By using a second woofer, this can be accomplished. Moving the woofer lower will do it too, but that hurts midrange, if the driver is acting as a midwoofer. The Alpha drivers are inexpensive enough that adding a second to eliminate floor bounce is a good option.