
Subject: Integrating full-range as wide-range

Posted by [GarMan](#) on Mon, 05 Jun 2006 14:42:02 GMT

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After listening to my Goodmans Axiette 8 II's for a week, I'm still very impressed by it. However, it's obvious it's missing the very top and bottom end. The top end's easy. I simply added a set of piezos I had lying around, crossed at 10kHz, and the improvement was immediately noticable. What I need help on is integrating the bottom end, specifically cabinet design. I have a pair of JBL 2235, each in its own 5 ft³ cabinets that I use in my main system. The bass from these are incredible and would complement the Goodmans well. I'm sure I can get "good" bass from the Goodmans with a well aligned cabinet, but it will never be as deep and loud as the JBL's. Questions: If I intend to integrate the Goodmans with the JBLs, can I get away with a simple sealed box? I like to keep the cabinet as small and simple as possible. I know that a larger vented box, or even BLH can extend the bass lower, but what are the advantages of taking the fullrange down to, say, 50Hz if I'm using a "sub"? If the sealed box is okay, what size? There's little to none information on the web about these speakers. From this forum's experience with similar drivers, how low will it go in a sealed enclosure? The drivers currently sit in a 2 ft³ vented.thx, Gar.
