
Subject: Re: Building YOUR single driver speaker:
Posted by [akhilesh](#) on Sun, 21 Mar 2004 12:01:28 GMT

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Hi Martin, I can intuitively see how stuffing traps the midrange & upper bass, and only allows those waves to escape that we want. I haven't looked at your models, but it seems prima facie, that the density & size of stuffing will influence the wavelengths we trap, and the remaining empty box will behave like a standard vented enclosure. Feel free to correct my "intuition". TL seems like a cleaner design than BR, which allows ALL waves to float around the box. My guess is a BR would be more colored than a TL, (more like a "horn" than a TL). In my particular case, the contouring circuit (BSC) reduces the midrange & upper bass, and the super tweeter augments the upper midrange and highs and the two effects combine to produce sound that is pleasing to my ears. However, a TL design would probably be more neutral. The only reason I mentioned tube amps is because you already have an important prerequisite: high eff speakers (92 db +) that would sound great with low powered (and cheap) tube amps. One amp I would recommend is the zen amp (www.decware.com) that goes for \$499 and has a money back guarantee I think if you don't like it. This would be a good way to experience a good tube amp and see if it is indeed for you, with very little cost. thanx-akhilesh