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Subject: Re: Basshorns - Pro and Con

Posted by [Earl Geddes](#) on Sat, 15 Jan 2005 01:53:34 GMT

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Yes I have seen Floyd's discussion. This is basic Acoustics 101. His analysis assumes perfectly rigid walls and even their studies were done in fairly rigid rooms. I do not build my rooms like this. You see, if the walls are limp and well damped at LF then the room appears to be free space, or very close to it. But of course we don't want to be in a free space room at higher frequencies so the walls must be rigid at those frequencies for a good room ambience and spaciousness. The construction techniques are well outlined in my texts. Floyd was most interested in my construction techniques when he read my book as he had never tried them. Please remember that I did my PhD thesis on small room acoustics, and that was more than 20 years ago, so my concepts are based on some pretty substantial theory. Far more in depth than the simple acoustics theories allow.

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