
Subject: Re: How do I keep deep bass from the neighbors?
Posted by [Wayne Parham](#) on Wed, 15 Feb 2012 21:43:34 GMT
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The good news about being upstairs in a traditional North American framed home is that the rooms are naturally damped somewhat. There are no rigid surfaces on any side, so all become panel absorbers, of sorts. The walls and ceiling are drywall, which acts a little bit like a panel absorber. Even the floor is somewhat lossy, and yet, the next boundary below it is several feet away, so it doesn't become a resonator (like crawlspaces do). This is pretty good for reducing the strength of room modes.

The bad news is bass passes right through. It radiates pretty much omnidirectionally, and even travels along the structure to be re-radiated by the surfaces in other rooms, as VDNorman mentioned. There is nothing to prevent the bass from being nearly as loud in an adjacent room (to the side, above or below) as it is in the listening room.
