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Subject: Room gain?

Posted by [vhfspeaks](#) on Mon, 29 May 2017 17:09:59 GMT

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How much of a problem is room gain in a small room with strong subwoofers? A room I was working on just didn't sound right no matter what subwoofer was in, but it looks like the subwoofers I tried might be too powerful for the room's acoustics. Are there any tools to detect or assess problems like this?

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Subject: Re: Room gain?

Posted by [Wayne Parham](#) on Tue, 30 May 2017 14:09:48 GMT

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A constrained space will increase SPL by virtue of directivity. But room modes in a small room will cause large deviations in SPL because of room modes. Some places will be very loud and some very soft at a given bass frequency. So the best thing to do is to install multiple subwoofers to smooth the sound field in the modal region.

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Subject: Re: Room gain?

Posted by [vhfspeaks](#) on Mon, 05 Jun 2017 08:07:27 GMT

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That makes sense. So smaller and many is the way to go. I just hope I can do this within budget, and I'm very glad I'm within the return-and-exchange period.

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