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Subject: Re: Small-room acoustics

Posted by [Wayne Parham](#) on Tue, 17 Jul 2018 20:17:13 GMT

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The problem in small rooms isn't sound pressure level, because that's easy enough to fix simply by turning the volume down.

The problem is room modes; Regions that have no bass at some frequencies adjacent to regions with too much bass at some frequencies.

A number of subwoofers placed around the room will provide more uniform sound than a single subwoofer. Each sub is driven at very low power levels - an amount appropriate for balanced sound.

Three or four subs run this way will create much smoother bass throughout the room than a single sub will, even if the one sub generates as much acoustic power. The single sub will sound boomy in some locations and thin in others.