Subject: How to find the acoustic sweet spot in a room
Posted by Lark on Thu, 02 Mar 2017 20:22:55 GMT
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I was watching an old episode of Big Bang the other day and it was so funny to watch Sheldon going around the movie theater trying to find the acoustic 'sweet spot' but then it got me thinking - Do normal rooms have those?

Subject: Re: How to find the acoustic sweet spot in a room
Posted by vhfspeeks on Wed, 05 Apr 2017 11:46:02 GMT
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It isn't so much rooms that have it, than anywhere with a speaker set-up. The sweet spot is just the focal point between the speakers, usually a pair, sometimes a whole set up.

There are some people using computers to make the sweet spot move with the listener. It would have driven Sheldon nuts!

Subject: Re: How to find the acoustic sweet spot in a room
Posted by drake on Tue, 11 Apr 2017 17:08:55 GMT
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You actually made me miss Sheldon Cooper. Finding that sweet spot is normally challenge for most of us. Luckily for me, our youngest sibling runs a recording studio and we let him fix all those issues around the house.

Subject: Re: How to find the acoustic sweet spot in a room
Posted by Wayne Parham on Tue, 11 Apr 2017 17:21:33 GMT
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Study the concept of uniform directivity. Loudspeakers that are able to radiate a pattern that has constant directivity make a much larger "sweet spot." If you have speakers that radiate a pattern with uniform directivity, and if you have them setup properly, you can achieve the same quality sound throughout a large area of the room.
Uniform Directivity

Subject: Re: How to find the acoustic sweet spot in a room
Posted by Vernon on Tue, 18 Apr 2017 00:02:54 GMT
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I will definitely try to learn more about uniform directivity. This could be the answer I'm looking for

when it comes to having uniform quality of sound throughout the room.