
Subject: What will dampen the sound on in-wall speakers?
Posted by [NewGuyATL](#) on Tue, 20 Feb 2007 01:02:45 GMT
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I've installed Polk RC 85i's into the shared wall of my townhome, but didn't realize how much my neighbors were going to hear the sounds from the woofer. (Even at moderate volume levels.) Is there a foam, or backing that I can slide back there to deflect the sound? There's only about an inch or two of space between the magnet and the firewall.

Subject: Re: What will dampen the sound on in-wall speakers?
Posted by [Wayne Parham](#) on Tue, 20 Feb 2007 15:05:54 GMT
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There is very little you can do. The midrange frequencies can be reduced with insulation but that isn't going to do much to attenuate bass.

Subject: Re: What will dampen the sound on in-wall speakers?
Posted by [NewGuyATL](#) on Wed, 21 Feb 2007 00:44:40 GMT
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What about an actual enclosure? If a floorstanding speaker can eliminate sound coming out of the back of it, (if it's not ported in the back) shouldn't the same be true in-wall?

Subject: Re: What will dampen the sound on in-wall speakers?
Posted by [Wayne Parham](#) on Wed, 21 Feb 2007 01:06:27 GMT
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That will help. I thought you had already enclosed the speakers and the problem persisted. Make the cabinet as large as you reasonably can and fill it with insulation. The speakers are undoubtedly designed for installation on an infinite baffle which means they have relatively high Q. To put them in a small box would cause a large midbass peak and substantially reduce deep bass.

Subject: Re: What will dampen the sound on in-wall speakers?

Posted by [granch](#) on Sat, 04 Aug 2007 04:41:56 GMT

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If you were free to use different speakers, I would highly recommend the Altec/Western Electric 755 or 755A. These are designed for a box little bigger than the speaker itself and should fit easily, with box, in your walls. They will give you everything but deep bass which you should get from a larger subwoofer anyhow. Boxed or not I guarantee you will like the sound. What does my guarantee mean? It means that I will gladly take them off your hands at a price I can afford....which, to be honest is not much. The 755 is the speaker that, along with its air-spring bass woofer, revolutionized audio in the mid '50's in the AR -1 bookshelf speaker system. Dick
