Subject: How big should a sound system be?
Posted by 3dfreak on Tue, 28 Sep 2010 01:42:41 GMT
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Hi guys! I have a room which I dedicate for sound tripping. I'm a sound geek but not techy. Approximately, it measures 20 feet long, 15 feet wide and 12 feet high. How "big" should the speaker be for optimum experience? I mean, I enjoy the sound without waking up my sister in the other side of the wall.

Gosh, I don't even know how to measure the bigness of a speaker. Literature confuses me. But once I get the size, whatever it is, I'll decide whether I'll purchase the speakers or build them myself. I may not be techy but I think I can construct a box with all the tools my Dad has

Subject: Re: How big should a sound system be?
Posted by Adveser on Tue, 28 Sep 2010 06:19:02 GMT
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Well, I used to think size was the indicator of quality, but that has not been the case in a long time since they've been able to make smaller speakers with much bigger outputs than they used to.

It is all about the power output of the drivers, really.

I really don't know what you are asking. 120db @ 2 meters is how loud a sound system should be as far as i'm concerned, for home listening. I couldn't tell you what wattage would be necessary to get that.

As far as the physical size of a speaker I say the bigger the better. Get something that outputs the power you want and has the f bandwidth that is required. An 8" speaker might do it or a 16" one might do it it all depends on the size of the magnet.

Subject: Re: How big should a sound system be?
Posted by BigMacAndCheese on Tue, 28 Sep 2010 12:11:29 GMT
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I'm no techie either but you have Adveser's info for that side. On a practical note I would say that unless you live in a castle with 6 feet thick walls it is going to be hard to avoid disturbing someone in the next room! You may want to think about soundproofing a little and then splashing out on good speakers.

Subject: Re: How big should a sound system be?
Posted by Lancelot on Mon, 15 Nov 2010 14:38:17 GMT
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I agree with BigMac regarding sound proofing unless your nearest neighbor is 5 kilometers away

from your house.

Size of speakers doesn't really matter nowadays. I have a set of small speakers in my office but the sounds it make can be heard on the next room.