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Posted by [ppkstat](#) on Tue, 23 Aug 2022 18:43:18 GMT

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Thank you Wayne. Everything makes sense now!

I really cannot understand why people think that subs are optional. If the goal of the system is to reproduce information accurately they're not optional, at all. They are a necessity, otherwise you can't get an accurate representation of the content in the first two octaves. There are several speakers on the market that they even struggle with the third!

2 is minimum, 4 is better. They will also have to be time aligned. There is excellent software for this today for free (like MSO) and a minidsp can tune them. Smoothing the the modal frequency is a bonus, but below 80Hz you can't do anything without 4 subs if you want a smooth response. You can't solve this with absorption in these frequencies.

Do you recommend plugging the port when using with subs by the way?

Another thing I wanted to mention. These speakers are sensitive, obviously but I had the idea that 10-30W would suffice to get good levels. Well in my space these will happily swallow a 100W and even more! Anything more than that is just too loud and I really don't wish to know what happens with 300W which is their supposed max rating.

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