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Subject: Studio 2's and Subwoofer

Posted by [cavernicola](#) on Tue, 30 Nov 2004 04:16:34 GMT

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I'm thinking about adding a subwoofer to go with the Studio 2's, since I'm "hitting them hard" at high volume with alot of bass. I was thinking something along the lines of the Dayton Quattro 10" subwoofer. I have just enough mdf left to build them in a ported cabinet as recommended here: Dayton Quattro Ported. It looks very interesting to me since its very small and can produce low bass at high spl's, and its cheap too! What would be a good frequency to cross over with the Studios in a small room (17' X 12'). I was thinking around 100 Hz. What about slopes? Should I go for a high (24 db Linkwitz) or medium (12 db/oct dec?) slope? Thanks in advance...

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Subject: Re: Studio 2's and Subwoofer

Posted by [Wayne Parham](#) on Tue, 30 Nov 2004 16:54:47 GMT

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Crossover between 60Hz and 100Hz. If you're planning to go with just one sub, I'd go with a high-order slope and use an amp that allows some adjustments. When you use a single sub, it is usually pretty far away from the mains so you'll want to have some ability to tailor it according to placement and room conditions. If you can go with two subs, I'd place them within a couple feet of each other because with sound sources are within a 1/4 wavelength of each other.

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