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Subject: Re: Pi 4.5 possible?

Posted by [Wayne Parham](#) on Sun, 18 Jul 2010 14:20:06 GMT

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Infrasonic wrote on Sun, 18 July 2010 03:19I do have a question about your response to his thread. In there you mentioned, "Run the bottom woofer off the midwoofer crossover output, but add a large coil in series to limit its output to the bass range.". Just to be clear on this, he can get away with having both woofers hooked to the lowend output of your Pi4 crossover (with an extra filter for the bottom woofer in series for that output) and not have to modify your crossover? It looks like I couldn't do this simply like he did as the final load would be 4ohm. Everything else I can make work. I know the cabinet stuff and all that but the way I handle the crossover always goes over my head. What am I to do? I want to use your crossover network and have two 2226H's.

PCB, and tie another using a large value coil in series. The first woofer is the midwoofer, outputs conncted directly. It is the only load "seen" by the crossover, because the "helper" woofer is isolated by the coil, and the impedance of that branch becomes very high in the crossover region, sort of taking it out of circuit. At low frequencies, the coil impedance becomes low enough that

the deepest bass range. But that's OK, most amps can handle that load. All speakers have some impedance fluctuation.

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