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Subject: Re: Mono "flanking sub"

Posted by [Wayne Parham](#) on Tue, 24 Nov 2015 18:46:50 GMT

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The crossover should be very gentle, like second-order, for best results. With a gradual rolloff like that, we're not really doing low-pass "crossover" to the subs because there is too much overlap. Blending with the mains is the goal. The mains and flanking subs should share the modal range, with the helper woofers gradually rolling off.

When you do that right, you can't even tell the subs are on. They blend seamlessly, and the sound seems to come from the mains. The upper midbass and lower midrange is made smoother than when the subs are off, but other than that (and the added deep bass extension), you can't tell the subs are even present.

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