
Subject: Re: Flanking Subs vs Helper Woofers
Posted by [zheka](#) on Sat, 29 Dec 2012 02:27:04 GMT
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Wayne Parham wrote on Fri, 28 December 2012 17:46 Absolutely. That's precisely what you want to do. The more bass sound sources there are, the better. So the two flanking subs become two of the four distributed multisubs at low frequencies.

The summed LF output is only being run to the distributed subs, of course. The flanking subs are getting a low-passed copy of the mains they are flanking. So there may be source material where each flanking sub has different signal content. In this case, the blend will be different than if all subs got the same signal. But then again, if the flanking subs received truly different signals, they could be uncorrelated in the source material, itself. However, in practice, this is rarely the case. Usually the LF content of both left and right front channels is nearly the same. It is pretty much summed in the mix, in most cases.

I can see how this works with stereo. But it's not as clear to me when it comes to multi channel audio where the LF content from at least 3 more discrete channels and LFE are all summed in the subwoofer signal.
