
Subject: flanking subs with small mains

Posted by [dheflin44](#) on Fri, 22 Feb 2013 19:37:12 GMT

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Hi Wayne,

My current mains are fairly small (usable output only down to 60 Hz), so I've been searching for a way to blend in flanking subs while using my AVR's bass management to limit the main's extension below 80Hz. Please let me know if you think the general idea below is worth pursuing.

Since the AVR can't output overlapping sub and main outputs when bass management is used, I'd like to generate the overlap by using the line-level inputs on the flanking sub's plate amp to sum the L/R pre-out with the sub pre-out. The built-in low-pass filter in the plate amp could then be used to roll off the flanking subs above 100Hz as prescribed. To get the relative gains correct, the level of the overlapping upper range between the mains and flanking subs would be adjusted manually using measurements. The lower range of the subs (could be flanking and distant subs together) could then be set using Audyssey.

Thanks,
Darrell
