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Subject: Subwoofer placing behind the listening position?  
Posted by [Champion](#) on Wed, 15 Apr 2009 10:31:16 GMT

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Hi Wayne, I have read a few of your posts on multi-sub and positioning. It sounds really interesting and I am tempted to try it in the near future (when I have some spare money!). Your posts mentioned a few ways to place the subs (e.g. in 4 corners, one in a corner, other in mid-way of the wall etc). My question is, if my main speakers are placed at the two front corners already, can a sub (or two subs) be placed behind the listening position at the corners with low low-pass frequency? It sounds very different to what most 'audiophile' would do. I have a very narrow room so there is no space for subs close to the front wall. I have always find that getting good bass is very difficult and 90% of the time my listening position is at an anti-node for some bass frequency. I have used some DIY bass trap which helps a bit but not enough, and they are huge and ugly. So I am really keen to try other solutions.

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Subject: Re: Subwoofer placing behind the listening position?  
Posted by [Wayne Parham](#) on Wed, 15 Apr 2009 16:26:12 GMT

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Sub placement(s) behind the listening position are often justified, in addition to closer flanking subs. Naturally, the amplitude and low-pass frequency of the more distant subs will need to be adjusted so they cannot be detected as separate sound sources. I find that subs placed closer to the mains can be low-passed higher and can also have higher amplitude. Those are what I call flanking subs because of their position in relation to the mains. With higher low-pass, they tend to smooth the upper modal region. The more distant subs are necessarily low-passed at a lower frequency. They tend to smooth the lower modal range.