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Subject: Re: L/C/R placement and toe-in  
Posted by [Wayne Parham](#) on Sat, 24 Nov 2012 14:43:15 GMT  
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Point the center straight forward. The sound everywhere within the forward lobe is the same, so it isn't more shrill on-axis or more laid back off-axis, provided you are within the 90°x40° forward lobe. That's one of the benefits of constant directivity.

I realize there are some other waveguide speakers that do not sound good on-axis, and the recommendation for those is that they not be setup to listen on-axis. That is probably why you

balance is the same everywhere within the pattern.

There is a difference in the center channel content though, and it is sometimes mixed hot with dialog. That's the point of the center channel, so it makes sense. But because of that, sometimes people prefer to adjust the volume of the center channel separate from the L/R mains.