
Subject: Re: The AudioKarma Econo-Waveguide Speaker
Posted by [Wayne Parham](#) on Tue, 12 Apr 2011 17:41:03 GMT
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Looks good!

You might want to also measure the verticals to make sure your forward lobe is right. Do something like this:

Crossover optimization for DI-matched two-way speakers There's a video in that post, and it shows an easy way to find the position of the vertical nulls. Sometimes, if the forward lobe isn't perfectly straight ahead (as is often the case), it will help you decide if you want to add a little tilt to the platform on the stands.

Here's a little 30-page whitepaper on this design approach that you might enjoy:
High-Fidelity Uniform-Directivity Loudspeakers
