
Subject: Re: 3 Pi dimensions and QSC 152 waveguide
Posted by [Wayne Parham](#) on Mon, 08 Aug 2011 13:10:16 GMT
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The Econowave was based on my design, and its design principles are the same. What you read in the High-Fidelity Uniform-Directivity whitepaper is what the Econowave borrows from. High-Fidelity Uniform-Directivity Loudspeakers Both a 12" and a 15" midwoofer can be used to good effect in a system like this because both are large enough to become directional in the upper midrange. This is a sweet spot, in that larger drivers can't reach high enough and smaller drivers don't become directional enough. But 12" and 15" midwoofers can be used to make a great DI-matched two-way loudspeaker.
