
Subject: Re: The AudioKarma Econo-Waveguide Speaker
Posted by [Wayne Parham](#) on Tue, 12 Apr 2011 16:09:01 GMT
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Yes, I am familiar with that crossover. It's essentially a Pi Crossover but with an L-Pad acting as part of the R1/R2 network. There was a lot of discussion about that in the early months of the Econowave thread. They used my crossover to base their design on, and I supported them in that effort.

I agree with your decision to omit the L-Pad. I never really liked them for several reasons. You simply select the R1/R2 pair that provides the requisite attenuation.

An L-Pad is used by the Ewave guys to allow one crossover to be used with many different woofers, but I prefer selecting the right pair of R1/R2 values instead. There's a chart of values I listed at the link below that shows what values give the necessary attenuation and provide the right transfer function at the same time.
Compensation component values
