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Subject: Re: Woofer for Econowave

Posted by [Wayne Parham](#) on Fri, 29 Aug 2008 16:52:10 GMT

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I like the Alpha 10, but a driver this small makes the crossover point higher for directivity matching in the horizontal plane. This in turn reduces the angle of the vertical nulls. If the Alpha 10 is used on a horn, the horn sets the pattern but as a direct radiator, the size of the cone is what matters. When matching a direct radiator to a horn, I prefer 12" and 15" drivers. Everything seems to come together in this configuration. When using the Delta 12LFA, I recommend you use the three

crossover circuit use the same basic layout, so it's definitely on the right track. But I'm not sure they've tested it as thoroughly, particularly in regards to baffle placement, phase and null angles. I

tested and mature design.

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