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Subject: Re: Wayne, what are you up to with the mag12?  
Posted by [Erik from Holland](#) on Mon, 05 Apr 2004 15:10:48 GMT  
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if you would look at the manifold design (find it at the www in thread above), you see a horn chamber, of wich the front opening is smaller than the combined surface of the drivers. And that is the hole trick of this sub. in the chamber you look at the behind (side) of the speaker, not the front. The front air displaced by the cone is channeled trough the surrounding chamber and is functioning like a reflex/ bandpass sub. working together they stand for a sub with quit straight (flat) charecteristics, it has no peak at some point.I`m using the double 15" manifold for almost 2 year now, and the charecteristics of this sub are quite nice. It does`nt have much low-end, but it rocks! certainly it has no resonant spikes.Know would'nt it be nice to design a sub working with this concept, driven by to mag12's, that has the output of a double 18" in only 200 liter of cabinetspace?Then i can use 2 per side at 2 Ohms and have great power in little space.

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