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Subject: Re: Pro 4 + seven midhorn and tweeter

Posted by [Wayne Parham](#) on Wed, 25 Apr 2007 01:20:44 GMT

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The mouths of the midhorn and tweeter must be flush and physically close. The midhorn should be above the woofer and within a couple feet of it. Within these constraints, you can place the components wherever suits you best. As for wood, acoustically, MDF is great. It's made of dust from many fibers bound with glue, so it's inherently non-resonant. But it's not very durable as a piece of furniture. Even if you never get it wet, in humid environments the wood will swell enough that butt joints will show through veneer - you'll see the seams. I think MDF is better acoustically than the best plywood, but it's heavier and less durable. I'd never build a basshorn out of it because of that, but if you use the right joints, it makes a good home hifi speaker.

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