Subject: Room treatments and OB
Posted by Ivor the Engine Driver on Wed, 28 Feb 2007 16:54:52 GMT
View Forum Message <> Reply to Message

Has anyone used diffusers/traps/absorbers behind their OBs to good effect? This is something I want to try with my new passive OB arrays as part of an effort to eliminate all or most of the electronic complexity of my active arrays.

Subject: Not heard the term OB, & Why do you want to get rid of the electronics?
Posted by Marlboro on Thu, 01 Mar 2007 13:48:26 GMT
View Forum Message <> Reply to Message

What is an OB array? And secondly, why do you have a problem with electronics? The use of electronics in the crossover means that one can use low current devices, rather than passive components that will vary in their specifications due to the high power current, heat and other factors that are inherent in passive crossovers. Electronic crossovers have demonstratively superior qualities, in most circumstances(not all of course). Even in situations where one is using the most superior quality parts, there are still issues. By the time you've paid for the very high quality passive crossover components, you could have purchased a very low noise digital crossover from Behringer.I'm afraid that I fail to understand why you would do that. Please explain.Marlboro

Subject: OB = Open Baffle
Posted by Wayne Parham on Thu, 01 Mar 2007 15:39:15 GMT
View Forum Message <> Reply to Message

It's just an abbreviation. Open baffle speakers are dipoles. Linkwitz is fond of them, and I've noticed open baffle speakers have a pretty loyal following, sort of like the horn crowd. Not mainstream perhaps, but definitely popular in some circles.

Subject: That I understand.
Posted by Marlboro on Thu, 01 Mar 2007 16:30:30 GMT
View Forum Message <> Reply to Message

Somehow I never heard anyone call it OB.....maybe a senior moment since I am pushing 60 now.... ;-0.Seems to me that there are specific characteristics in the speaker itself that are necessary for "OB" use. Since I was never into them, I never collected the data on that with

them.Does anyone know the T/S parameters that are required for OB to work?Marlboro

---

Subject: Re: That I understand.
Posted by Bill Wassilak on Thu, 01 Mar 2007 16:39:12 GMT
View Forum Message <> Reply to Message

Linkwitz web site has a lot on open baffle, as far as T/S specs go I think Fs and a high Qts is what matters. Usually speakers with a Qts of .7 or higher are good for open baffles.Bill W.
