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Subject: Re: Speaker Screens

Posted by [Adveser](#) on Wed, 01 Jun 2011 04:02:44 GMT

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So to massively oversimplify:

So the choice is in which way phase cancellation occurs then?

This is a fun subject. there's a million different ways the f's can travel and if two hit each other out of phase, it will distort.

Doesn't the grill also smooth frequency response due to the reflections, you know cancels more direct transients and thus makes more radiating transients more apparent? Room reflections would make this more apparent, and cause more problems.

Sounds to me the closer you are to the speaker, the more you're gonna want that grill.

I know very little about this sort of thing because I don't design speakers.

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