Subject: Push Pull Subwoofers
Posted by Adrian Mack on Mon, 11 Aug 2003 04:35:57 GMT
View Forum Message <> Reply to Message

Hey Wayne,In a recent post of yours regarding the audibility of phase, you mentioned that you were going to do an article on push-pull subwoofers. Did you ever get around to this? They interest me too, and having the cones directly coupled and wired out of phase, reducing even order distortion is very interesting to me. Anyway, if you get the time I'd love to see a write up on this!

Subject: Re: Push Pull Subwoofers
Posted by Wayne Parham on Mon, 11 Aug 2003 05:21:27 GMT
View Forum Message <> Reply to Message

I haven't done any work with push-pull loudspeakers yet, but I am still somewhat interested in them. I'm planning to make a fall project to study the configuration, and to build and test a prototype.Check out the following links:EAWM&K SoundWhisperEach of these are commercial sites, but they show implementations of push-pull bass configurations. Personally, I find the

serve to act as a summation chamber in the area between the baffle and corner apex. This may prove to be an attractive loudspeaker configuration.

Subject: Re: Push Pull Subwoofers
Posted by Adam on Tue, 12 Aug 2003 05:21:26 GMT
View Forum Message <> Reply to Message

I've done it a few push-pull setups before, I didn't notice any audible difference in distortion or anything over a conventional system... Adam