

---

Subject: Re: Phase question on DE 250 on 4Pi crossover  
Posted by [Wayne Parham](#) on Mon, 30 Mar 2009 22:36:07 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

That's right, the acoustic phase of the DE250 is reversed with respect to the PSD2002. I'm not sure if the diaphragm is physically moving in the opposite direction or if it is an acoustic thing, but I designed the crossovers with actual measurements, so I am confident in the results. As an aside, most compression drivers are wired so that positive voltage results in negative pressure. The diaphragm moves "forward" out of the gap, which is away from you when looking down the throat of the device.

---