Subject: Re: JBL 2226 vs EV EVX-155
Posted by Wayne Parham on Tue, 31 Jul 2007 13:29:03 GMT
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The EV heatwick is something like my cooling plug. Lots of loudspeaker manufacturers are beginning to work on reducing thermal buildup in the pole piece from radiated heat. Motor core cooling plugs reduce thermal compression, stabilize electro-mechanical parameters over a greater operating range and make the speaker more robust.Properly sized shorting rings are very good at reducing distortion from midbass frequencies up. However, bear in mind that the shorting ring must be carefully sized and positioned to exactly counteract flux modulation by inducing the opposite and exactly equal force. This is not trivial, and so some shorting rings are better than others.That said, I have only casual experience with EV drivers. I have designed very few that used them. The ones I have worked with sounded good, but I still think I liked the JBL's better. Hard to say if that was "prejudicial" from long time preference or not.