

---

Subject: Re: Horns, transmission lines and reflex cabinets

Posted by [Retsel](#) on Wed, 10 Aug 2005 18:41:07 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

This is not my experience comparing my Lowther DX4s in Hedlund Horns versus Open Baffles. In Hedlund horns, the DX4s have an average efficiency of over 100 db (I think 101 db). In Open Baffles, I think that Dick Olsher claims an efficiency for the DX4s of something like 98 db. In open baffles, I use a single inductor as a first order filter to roll off the high frequencies from 500 hz and above. I then have a fairly flat frequency response from 150 hz to the high frequencies (~10 khz). In Hedlund Horns, the DX4s are flat all by themselves (no filter needed) from 70 hz to the high frequencies (~10 khz). Thus there are no losses in inductors, and I can get down lower. Retsel

---