

---

Subject: Re: Pro's and con's of adding a super tweeter to HF horn section?

Posted by [Wayne Parham](#) on Wed, 30 Jul 2008 20:36:48 GMT

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

---

The pros are extended HF. The cons are there's no way to get good summing at a high crossover frequency. The higher in frequency the crossover, the more narrow the angle between anti-phase nulls. So what you end up with is basically no area of constructive summing, all areas are outside. Dense interference is the best you can hope for, because at least it creates a fairly uniform average distribution. In the end, it always sounds phasey to me.

---