

---

Subject: Re: alternative speakers for Ten Pi  
Posted by [Adam](#) on Wed, 20 Aug 2003 15:38:48 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

To follow up on Wayne's mention of my system, the Kappa 15LF's performed reasonably well in the ten pi enclosures I designed for them. Unfortunately, output (while incredibly loud) is also somewhat chesty, and just didn't have the bottom end I wanted. Additional cabinet bracing would have helped the situation a fair bit, but not enough to fully make up for the difference. As I have nothing to weigh against, I would say the project was a modest success, although not worth all the work. Adding a subwoofer to cover the 60 Hz and below region, now wow... That was another story. Having a subwoofer to fill out the bottom octaves truly eliminated that chesty sound from the ten pi's and delivered an excellent sounding system. I'm not sure if this is typical of Wayne's horn design or improper implementation of the woofer, but the bottom end response simply didn't do it for me. The same driver in a standard ported box, tuned to around 40 Hz was not as loud, but provided a far smoother bass and midbass sound, superior midrange characteristics and deeper response. Adam

---