

---

Subject: 3 Pi Theater With 8" Eminence Beta Midrange

Posted by [FredT](#) on Sat, 28 Jan 2006 01:19:09 GMT

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

---

I posted this on the High Efficiency Speaker forum, but I thought some Pi speaker owners might be interested too so it's duplicated here. I reconfigured the speakers with the woofer and tweeter in the enclosure just as the plans specify, and the Beta 8 in a separate 0.5 cu ft sealed enclosure atop the main cabinet. In the process I remodeled the enclosures into an "art deco" style. The Delta 12LF is now rolled off with a 6mH 16ga Erse Super Q inductor (0.27 ohms DCR). The woofer low pass filter now controls the midrange driver, with no changes except for the zobel cap. The sealed enclosure rolls off the bass with a -3dB frequency of about 120hz. The tweeter high pass filter is unchanged. It plays really loud and clear with the 40 watt Audio Mirror SET monoblocks, and the 3 watt Paramours will drive it to room filling volume too.

3 Pi Theater With 8" Eminence Beta Midrange

---