

---

Subject: Re: Pi 4.5 possible?

Posted by [Wayne Parham](#) on Fri, 30 Jul 2010 01:03:36 GMT

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

---

Calculating the values for the woofer circuit is easier than it is for the tweeter circuit, because the tweeter circuit has the added complexity of R1/R2 proportions. The tweeter circuit has to balance not only voltage sensitivity matching but also filter Q and the conjugation of mass rolloff. We've  
circuit can be.

Basically, for the woofer circuit, you can just double the inductance and resiatnce values and

tweeter circuit (R1/R2) values 3dB lower than you would when using a 2226H woofer.

---