

---

Subject: Midrange+ HF positions,phase and goings-on \*Q\*

Posted by [Mike.e](#) on Fri, 13 Feb 2004 02:57:03 GMT

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

---

Hello!! need some help-I know a little about bass,but i need more midrange /main speaker design info!when i search for midrange design,speaker position,and phase i get a whole lot of hifi nonsense,'phase control on ur plate amp' 'blah blah our speakers are phase perfect' etc etc.I need--phase info regarding comb filtering,distance between woofers-'overlap' with low order crossovers and effects -low vs high roll off filtering-other issues such as horizontal positions of speakers vs vertical,dispersion etc( + your personal experience, LR 24db/octave filters LOOK GOOD in theory,but how do they compare to the simplicity of certain systems with 1st order)The only one i could find was ESP's phase guide but its so in depth i was scared off and left it for later when i feel like doing some study.\\No need to write much,just links will do!Im sure Adrian will have a link or 3 for me,its just i cant find them yet!According to my memory,the JBL pdf file available at PI speakers was mainly Pro usage ,not so much home speaker design and phasing etc...Cheers allMike.e \*wanting to learn more midrange\*

---