

Subject: Marchand passive crossovers for Pi four
Posted by [xcortes](#) on Tue, 29 Jul 2008 04:12:57 GMT
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I asked Phil Marchand if he could build me boards to biamp my Pi speakers. In case someone is interested this looks like the ticket. This is my mail: Hello, I want to biamp a 5 channel system. I would like to use XM46 modules. The speaker level crossovers are as follows (for 8 ohm drivers):

Low pass: o-----1.0mH-----o | | in 10.0uF
out | | o-----o High pass:

compensation network. Assuming that we make R2 8K ohm (I will use tube amps with 100K input impedance) we could have on your boards the following: Low pass: o-----1.0H-----o Please note the top octave

|o-----o High Pass: ----0.00047uF---

|o-----ol've been looking at your boards and it looks like I would need to install the compensation network outside the board. Is this something you would recommend? What would be the price in kit form? I would require 5 high pass and 5 low pass sets. And his answer: Hi Mr. Cortes, Thank you for your message. Sorry for not answering sooner. We can help you with these XM46 crossovers. I understand you would need 5 low-pass, and 5 high-pass, a total of 10 boards. The regular price of the XM46-K Kit. is \$ 75.00 each. But because you have only 2nd order filter (instead of 4th order), and order 10 pc, we can supply these to you for \$45 each. We can make the kits with the values shown by you, including the extra parts. I think you can fairly easily place the extra parts of the HP filter on the circuit board itself. Hope this helps Sincerely Phil Marchand