Subject: tools for building my own xovers
Posted by freo on Wed, 17 Jan 2007 04:38:25 GMT
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Hello from AustraliaI am interested in building speakers from scratch, I have built the ed frias diy kit and I am now waiting for my pi 2 tower kit to arrive. I have some drivers I have pulled from old speakers, a couple of oval kef base drivers I think they are b139's, and a couple of good quality tweeters I was going to buy some mid range drivers and try my luck. I was wondering what equiptment I would need to build and measure the crossovers. Any help would be appreciatedRegards Roger

Subject: Re: tools for building my own xovers
Posted by Wayne Parham on Wed, 17 Jan 2007 15:01:04 GMT
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You can start off with circuit modeling tools like Spice and crossover simulators like the one in LSPCad. For acoustic measurememts, you might use a PC-based system like Speaker Workshop.

Subject: Re: tools for building my own xovers
Posted by Kim Schultz on Thu, 18 Jan 2007 11:06:41 GMT
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I use JBL Speakershop for designing boxes and crossovers, then measure with DLSA Pro, and tune the design by hand and ear.The beauty about DLSA Pro is that it can measure TS specs too, and it is not too expensive.regardsKim

Subject: Re: tools for building my own xovers
Posted by dB on Thu, 18 Jan 2007 12:34:07 GMT
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Hello roger friend, I use a "cheap" €52,00 Inductance Capacitance Meter by RANGE (RE6000) to measure coils and caps.You will spend a lot of money in xovers, sometimes more than in speakers to get it right. Thats why some factories sometimes don't mess with that, or the speaker(s) goes over (many)$1.000,00 USD. Be careful. After all it's our pleasure not theirs.dB, I am from Portugal.

Subject: thanks for the advice gentlemen n/t
Posted by roger friend on Sun, 21 Jan 2007 10:47:36 GMT
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