Subject: Re: $27,000 Speakers!
Posted by hudelson2 on Tue, 03 Apr 2018 00:42:27 GMT
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For that kind of money I would make a triamped system. That way each amplifier could be optimized for each speaker range. The amplified for the woofer(s) could be class D to power low efficiency woofer(s) that are needed to get deep bass from a reasonably sized enclosure. Amplifiers for the midrange and tweeter could be low power Class A amplifiers since the midrange and tweeter could be high efficiency.

Since there would be no inductors or capacitors (except for a possible blocking capacitor for the tweeter) the amplifiers would not have to deal with wildly varying phase angles between voltage and current. This would result in a much cleaner sound.