Subject: Re: Qes affected by series parellel
Posted by lcholke on Sat, 26 Jun 2004 18:09:36 GMT
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Hi Jim,>Qes remains the same for the array as for a single driver.So If the array is wired in any 8 ohm configuration the Qes stays unchanged. I was hoping that Qes would explain the change.I wired the 4 drivers in series. Then these 4 sets in parallel. (8 ohm)>What you might experience is that you have increased the 'head room' for the array vs. single driver. >Hence, the array will effectively have the amount of the array gain improvement in dynamic range. I really like the 12db gain, and all the improvements that go with it.The 4x array I started with (OB, no xover) sounded very good.Wired as 2 sets in series, these then in parallel (8 ohm).I have a pic posted here as PE .87 16x array , http://fullrangedriver.com/tiki-browse_gallery.php?galleryId=2.Something is odd with the 16x array sound though.The impact of the sound is more like proac tablets (over dampened) than a fostex bk-16 back loaded horn (lively) . I first covered with blankets the top 4 and bottom 4 drivers to see if a cancellation was the problem. No real change. I was thinking that the curve of the baffle might have an odd comb effect. So I checked the wiring on the 16x array about six times thinking I missed something.I have now rewired to 8 total drivers/ side, 2x series combined to 4 sets parallel. (4 ohm total)The impact came back. Just as a ref note, the amp is a pass labs alpeh 5.I was hoping/thinking that the change had to do with the electrical dampening of the drivers.Finding the cause of a problem is most of the battle. --------Thanks for your help.Linc