Subject: Array wiring
Posted by greenie512 on Sun, 24 Jul 2005 11:35:11 GMT
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Well, finally (surface, economy) my 34 NBS arrived in Brisbane. I was talking about doing a 3/4/4/6 power taper in a thread below. Now I have to do it? could some one confirm I have the wiring configured correctly?I'm assuming within a series group I go "in" positive, "out" negative to next positive etc.Cheers - Phil

Subject: Re: Array wiring
Posted by FredT on Sun, 24 Jul 2005 12:17:05 GMT
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Your diagram is correct, but it might be simpler to wire one four-driver set as 4,5,6,7 and the other as 11,12,13,14. Each set of drivers is wired "positive in, negative out to the next positive", etc. Drivers 8-10 are located at the center of the array, with the four-driver sets located directly below and directly above the center three. The six driver set is split, with 1,2, and 3 located at one far end of the array and the 15,16,17 located at other end. The four "sets" are wired in parallel, providing a nominal impedance that's equal the impedance of the individual drivers. (Someone please correct me if any of this is wrong) This should make an awesome looking array.

Subject: Re: Array wiring
Posted by greenie512 on Sun, 24 Jul 2005 21:17:31 GMT
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Thanks Fred - your wiring suggestion is easier. I'm not sure why I decided to split/balance the sets of 4 around the centre I think you are correct and it'd be easy just to have a whole set either side and the power taper would remain the same.