
Subject: frosting on the pi

Posted by [tdc](#) on Wed, 04 Sep 2002 14:21:18 GMT

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The JBL tent sale has 2402H drivers with 16 ohm 2405 diap. This per tech support is good for 6500 to 21500 cps. If I get an extra pair for the 4 pi (pro with Jbl drivers and a 2345 horn) where would one bring it on board (cross over point) tdc

Subject: Re: frosting on the pi

Posted by [Wayne Parham](#) on Wed, 04 Sep 2002 17:31:59 GMT

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I'd remove the compensation circuitry from the 2426 and crossover to the 2402 somewhere around 6.5kHz - 8kHz.

Subject: Re: frosting on the pi

Posted by [tdc](#) on Wed, 04 Sep 2002 18:23:19 GMT

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Wayne, you mean you and others did all that series-parallel explanation to me for nothing! I guess I could enter the resistor necklace in a art show. Seriously, if I lose the necklace would I use a first order both ways at 8000 cps. tdc

Subject: Re: frosting on the pi

Posted by [Wayne Parham](#) on Wed, 04 Sep 2002 20:25:56 GMT

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You might keep the tweeter's compensation cable assembly; That way, if you ever want to put it back and run the system that way again later, you'll have it built and ready to go.

Subject: Re: frosting on the pi
Posted by [tdc](#) on Wed, 04 Sep 2002 20:29:37 GMT
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Wayne, I intended to keep it and try both arrangements. How could I sell anything it took so long to figure out. I still wonder if you have a recommendation about the slope for the 8000 cps x-over?
tdc

Subject: go with jbl's advice and
Posted by [Sam P.](#) on Wed, 04 Sep 2002 20:57:54 GMT
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cross using a 12dB/octave filter. Remember, those tweets are described as "tight pattern control, deep penetration, and extremely high ON-AXIS sensitivity". Your upper freqs are going to be in a narrow 40 degree beam...is that OK in your listening situation? Might want to look for some 2404's (the baby cheek tweets) that are wider dispersion. A search at HUG for jbl 2402 will also turn up some suggestions from previous users, IIRC. Sam

Subject: Re: go with jbl's advice and
Posted by [tdc](#) on Wed, 04 Sep 2002 21:10:20 GMT
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Thanks. I didn't know JBL had suggestions but will look for old posts. The narrow pattern is something I was concerned about. The Coral bullet (H-70) in my Hitachi Hs-500 is equipped with a set of fins to spread the sound field. That idea was also used with the JKL potatoe masher so I thought I would give it a try.tdc