
Subject: Two New Line Array Kits

Posted by [FredT](#) on Fri, 12 Aug 2005 12:11:03 GMT

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Selah Audio and GR Research are both offering newly designed line array kits that sell for less than \$1,000. Rick and Danny are able to offer "quasi array" kits at this price by combining an array of woofers with a single centrally located ribbon tweeter. Enclosure plans are included with both kits. I have built quasi array and full array enclosures before, and the quasi array enclosures are no harder to build than point source two-ways, just a bit more work. The Selah "Day Tek" kit includes nine Dayton RS-150 woofers with a single Fountek tweeter. It is designed to be augmented with a subwoofer, but a full range version that substitutes eight RS-180 woofers is available for the same price (\$800/pr). The Day Tek tweeter is located alongside the woofer array, so the enclosure can be modified later to include a full tweeter array. A photo can be seen on the Selah web site gallery pages. The GR Research array includes eight of GR's proprietary M-130 woofers and a RA-104.5 ribbon tweeter. The RA8 is offered as a joint GR/RAW Acoustics kit and will be unveiled at the RMAF. The "pre order" price is \$800; regular price will be \$900. The RA8 is a ported full range design. Photo of the unfinished enclosure at the Audio Circle GR Research forum. The RA8 will be a bit easier to build than the Day Tek because the M-130 woofers have a smoothly curved flange, so a simple cutout with no recess can be used. These new offerings are significant because they provide an opportunity to own a line array that uses high quality drivers for about \$1,000 including the price of the enclosure materials. Past offerings in this price range have been few, and they were usually compromised by their budget priced drivers.

Subject: Links-Two New Line Array Kits

Posted by [Rudy Jakubin](#) on Fri, 12 Aug 2005 15:28:01 GMT

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The DayTek's <http://www.selahaudio.com/id103.html> The RA8

<http://www.audiocircle.com/circles/viewtopic.php?t=20593> Very nice design's. Congrat's to both of them. The DayTek's are intriguing. "Add more ribbons later"...

Subject: Re: Two New Line Array Kits

Posted by [RAW](#) on Fri, 12 Aug 2005 15:46:56 GMT

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Fred The RA8 is a RAW Acoustics product. Danny is designing the RA8. I have Danny doing the crossover design as he has done something very similar for a customer in the past. And I have no issues with having Danny design the crossover at all. Yes the complete RA8 can be made for around \$1000.00 MDF polyect That was my objective with the RA8 \$1000.00 complete
<http://www.rawacoustics.com/>

Subject: Re: Two New Line Array Kits
Posted by [FredT](#) on Fri, 12 Aug 2005 18:07:19 GMT
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Thanks for the clarification about the fact that it's a RAW Acoustics product. I have built some speakers using a woofer array with a single tweeter. The drivers in mine were not as good as the ones in the RA8, but I still found this type of array offers most of the advantages of a full woofer & tweeter array at a much more affordable price. This will be a nice addition to the other diy speaker kits that are available.

Subject: Re: Two New Line Array Kits
Posted by [RAW](#) on Fri, 12 Aug 2005 18:17:13 GMT
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Thanks. Yes these types of arrays have a few good points to them. Best of all the price.

Subject: Re: Links-Two New Line Array Kits
Posted by [justinc](#) on Fri, 12 Aug 2005 19:14:43 GMT
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The dayteks also have a fantastic matching center channel available. The pair up on Ricks site are mine, and I must say for the price I think this type of design is the way to go. Even after I spent quite a bit on that maple burl veneer The arrays ended up only costing around \$1100. They did take a while to build but it was well worth it in the end.

Subject: Re: Links-Two New Line Array Kits
Posted by [FredT](#) on Fri, 12 Aug 2005 21:41:24 GMT
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With the burl veneer they're definitely some of the nicest looking enclosures I've seen.
