Subject: Please recommend a smooth 18" x 8" HF horn & driver...
Posted by LineArrayNut on Mon, 18 Dec 2006 22:31:26 GMT
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I'm locked into the form factor, pretty much. Any suggestions appreciated.

Subject: Re: Please recommend a smooth 18" x 8" HF horn & driver...
Posted by Paul C. on Wed, 20 Dec 2006 03:25:55 GMT
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How's this for smooth... Altec 811-B with Eminence PSD2002 and Pi crossover.

http://www.pispeakers.com/Measurements/PSD2002_on_Altec811_with_pi_1K6a008db_crossover_take1.gif

Subject: Re: Please recommend a smooth 18" x 8" HF horn & driver...
Posted by SteveBrown on Wed, 20 Dec 2006 12:58:54 GMT
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Down 10db at 18k? Is this with or w/out HF comp?

Subject: Re: Please recommend a smooth 18" x 8" HF horn & driver...
Posted by Paul C. on Wed, 20 Dec 2006 20:22:04 GMT
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There is almost no musical information at 18 khz, especially since most adults can't hear over 15 khz anyway. And that is a pretty good range for a driver/horn combo.

Subject: Re: Please recommend a smooth 18" x 8" HF horn & driver...
Posted by Paul C. on Wed, 20 Dec 2006 20:23:56 GMT
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That graph is with that crossover, which has high freq comp.

Subject: Re: Please recommend a smooth 18" x 8" HF horn & driver...
Posted by Zene Gillette on Thu, 21 Dec 2006 07:40:31 GMT
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Hi ... Does someone have knowledge how the Em 2002 driver compares with an Altec 806-8A driver on the 811 horn? Zene

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Subject: Re: Please recommend a smooth 18" x 8" HF horn & driver...
Posted by SteveBrown on Thu, 21 Dec 2006 12:11:43 GMT
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Yeah, I guess you're right, I was just kind of surprised it rolled off like that. I do think that upper stuff lends a sense of air and openness, but no real information there.

Subject: That looks good, where do I find a pair to buy?
Posted by LineArrayNut on Fri, 22 Dec 2006 12:59:22 GMT
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And the horn dimensions are 18" x 8"? Thanks for your suggestions.

Subject: Re: That looks good, where do I find a pair to buy?
Posted by Bill Wassilak on Fri, 22 Dec 2006 21:48:27 GMT
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I'll check my inventory to see if I have any left, If not check with Colin Hester here on the board, I sold a pair to him a year ago and I think he switched to something else. There's somebody else on the board here that has quite the Altec collection, but I forgot who. But I'll let you know next Tuesday if I have any left.Bill W.

Subject: Re: That looks good, where do I find a pair to buy?
Posted by Paul C. on Sat, 23 Dec 2006 03:30:44 GMT
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Height 8 5/8" (21.9 cm)Width 18 3/4" (47.6 cm)Depth 13 1/2" (34.3 cm)

Subject: Thanks, I appreciate it. (nt)
Posted by LineArrayNut on Sat, 23 Dec 2006 18:14:18 GMT
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nt

Subject: Re: Please recommend a smooth 18" x 8" HF horn & driver...
Posted by Bill Wassilak on Tue, 26 Dec 2006 16:13:59 GMT
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No luck on the 811b horns, I checked and I have only 1 but it's damaged. You might keep an eye on ebay they pop up there ocassionally.Bill W.

Subject: THX anyway! (nt)
Posted by LineArrayNut on Wed, 27 Dec 2006 06:33:58 GMT
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Subject: Still looking for horns?
Posted by colinhester on Wed, 10 Jan 2007 14:17:06 GMT
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I know someone who might have a pair of Altec 811b horns. I looked up your IP. You're in the Cleveland area, right?.....C

Subject: I went ahead and bought the whole VOTT...(PIC)
Posted by LineArrayNut on Thu, 11 Jan 2007 15:15:39 GMT
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I'm in Dayton, TN. I think I mighta paid too much, what do y'all think? $1475 shipped from Miami, FL for the pair.2 Altec 828 Cabinets2 Altec 15 inch 416 8A Low Frequency Drivers2 Altec 807 8A High Frequency Drivers2 Altec 811 Sectoral Horns2 Altec N 1285 8A Passive Crossovers
Epay ad

Subject: Re: Please recommend a smooth 18" x 8" HF horn & driver...
Posted by Paul C. on Mon, 15 Jan 2007 02:48:10 GMT
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Since I first suggested the Altec 811b horns, I have purchased two pair on ebay without difficulty. One pair was a VERY new looking Heathkit 811b pair.I don't see any difficulty in buying these.

Subject: Re: I went ahead and bought the whole VOTT...(PIC)
Posted by DMoore on Tue, 23 Jan 2007 20:19:37 GMT
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Less than 700 each? Not too bad providing everything works. A little paint, and you're jammin.DM

Subject: They sound OK, big azz image throw, but polarity ?'s (please help)
Posted by LineArrayNut on Tue, 30 Jan 2007 13:13:50 GMT
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The shipper screwed up and shipped them on a small pallet and splintered the bottoms, oh well. They work good, no low bass or upper highs, but are ok. Question is, the horns have no obvious polarity markings. The terminals are on top. Looking from the back at the driver, which side is positive and negative? thanks for the replies!

Subject: Look for a notch in response
Posted by Wayne Parham on Tue, 30 Jan 2007 15:23:57 GMT

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Do you have access to any measurement equipment where you can look for a notch in response from out-of-phase signals? If not, maybe download Speaker Workshop. If the tweeter is miswired, you'll see a notch in response somewhere within an octave of the crossover frequency.

Subject: Terminals are marked "1" and "2"
Posted by spkrman57 on Tue, 30 Jan 2007 22:47:58 GMT
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Altec used this to determine polarity.I believe(from memory only) that termnal "2" is positive and "1" is negative for a positive waveform exiting the horn mouth.Regards, Ron

Subject: Re: Terminals are marked "1" and "2"
Posted by Wayne Parham on Fri, 02 Feb 2007 17:22:28 GMT
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See Altec documentation below:
Altec Technical Note AN-9

Subject: Re: Please recommend a smooth 18" x 8" HF horn & driver...
Posted by DMoore on Mon, 05 Feb 2007 20:27:43 GMT
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I don't know what your application is, but here's mine, a P-Audio 4525 400Hz (2" throat) horn with a BMS 4590 2" driver (coax) in it...DM
P-Audio4525HornandBMS4590curves