Subject: Electro-voice 30 inch woofer
Posted by DanR on Sat, 28 Jun 2008 22:47:18 GMT
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While touring the Electro-voice manufacturing facility in Michigan, in mid 1967, one of the new products that was displayed as being readied for production was a 30 inch diameter woofer.Does anyone know anything about that speaker? Was it ever released for sale? What were its specs? How much did it cost or how much was it to cost?

Subject: Re: Electro-voice 30 inch woofer
Posted by Wayne Parham on Sun, 29 Jun 2008 20:02:41 GMT
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Here's a thread about the EV 30" woofer from 2003:How to Build a Sub-woofer with 30" Electro-Voice model 30W...Fostex makes a 31.5" woofer too, the FW800N. Ever seen that one?FW800NHere are speakers with 27" woofers:Mighty big speakers

Subject: Re: Electro-voice 30 inch woofer
Posted by Bill Wassilak on Sat, 05 Jul 2008 05:51:35 GMT
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The speaker also had a styrofoam(sp) cone. In the EV30W plans the full size speaker enclosure was 72cu.ft. but you could build a smaller version of it at 54cu.ft. I forget what the tuning frequency was for each enclosure. I had a chance to buy a set of these back in the mid 80's in the smaller enclosures, but it was kind of hard to justify 108cu.ft. of subwoofers in my living room at the time. Besides the cones were rare so if anything ever happened to them, or if I needed to get them re-coned I was SOL.

Subject: Re: Electro-voice 30 inch woofer
Posted by DanR on Sat, 05 Jul 2008 16:10:43 GMT
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Bill and Wayne - thank you for the information about the EV 30 inch woofer, the Fostex speaker, the Opal system, and the DIY project. Most interesting.An academic question: Is the need for high power and/or a huge speaker in order to "move air" so that low frequencies can be heard caused by the need to compensate for the ears' inadequate air conduction to the ear-drum?The Fletcher-Munson effect?Another memory check:Do you recall, from the early 60's, a project in one

of the electronic hobbyist magazines called "The Sweet Sixteen"?Sixteen run-of-the-mill small diameter speakers were mounted in a single large enclosure. The thought was that together they could move a lot of air with little distortion because the cone movement of each speaker was reduced. My neighbor at the time built one and I remember that it sounded really good.

Subject: Re: Electro-voice 30 inch woofer
Posted by DanR on Sat, 05 Jul 2008 16:13:24 GMT
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Thank you, Bill!

Subject: Re: Electro-voice 30 inch woofer
Posted by DanR on Sat, 05 Jul 2008 16:14:07 GMT
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Thank you, Wayne!

Subject: Re: Electro-voice 30 inch woofer
Posted by colinhester on Sun, 06 Jul 2008 15:35:00 GMT
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I seem to recall these 30" drivers had high distortion and very low sensitivity.

Subject: How about multiple smaller subs?
Posted by Wayne Parham on Mon, 07 Jul 2008 19:24:51 GMT
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I would opt for more subs, not larger. That will allow you to smooth room modes. My suggestion would be to use four smaller subs and position them where CARA shows will give you the smoothest bass throughout the room. An example would be four LAB12 woofers in 4ft3 cabinets. Sub placement (multiple subs)

Subject: Re: Electro-voice 30 inch woofer
Posted by John Chleapas on Fri, 11 Jul 2008 12:37:38 GMT
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I still lust for a pair of E-V Patrician 800 speakers that used those same 30" woofers. The woofers can be had occasionally in singles on fleabay and/or audiogon usually for $1000 to 1400. I remember reading somewhere that the last few kits to rebuild them were bought up by one speaker rebuilding company in the last few years. To make it worse I remember reading that not all of the rebuild kits were usable sadly. John

Subject: Re: Electro-voice 30 inch woofer
Posted by DanR on Sat, 12 Jul 2008 21:04:02 GMT
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John;Thanks for sharing the dream. I heard the Patrician over 40 years ago and just remember how clear it sounded. But, that was then ...How they would stack-up next to an equivalently priced speaker today would be an interesting thing to hear.I recall that the EV factory tour-guide (1967) said that the retail price was actually inflated over what they could have sold it for at a reasonable profit because price was associated in the audiophile's mind to quality (still is). I think they retailed for around $700. each back then.Looking at the various opinions of their sound quality, on-line, it appears that the series got mixed reviews. Interesting how one's memories compare to others.DanR

Subject: Re: Electro-voice 30 inch woofer
Posted by jpvanson on Fri, 25 Jul 2008 03:30:05 GMT
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If you want to see an overkill (in quantity, not necessarily quality judging by lukewarm comments on the sound by others who have supposedly heard it) use of these 30" woofers, look to Doug Ronald's "Wall of Sound".

Subject: Re: Electro-voice 30 inch woofer
Posted by DanR on Sat, 26 Jul 2008 20:17:25 GMT
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I wonder if those folks have any hearing capability left ...Sure is a lot of money.