
Subject: Speaker replacement
Posted by [jimbpilot](#) on Thu, 18 Feb 2016 16:29:33 GMT
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If you are not able to replace JBL D-140 in a three tower bass cabinet at a acceptable cost, what would you suggest as a replacement 15" 16 ohm bass speaker, something in Carver or eminence ?? JB

Subject: Re: Speaker replacement
Posted by [Iowa Boy](#) on Thu, 18 Feb 2016 19:55:39 GMT
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Eminence Delta's are a good speaker and reasonably priced at around \$100; you might watch Ebay or Craigslist for an old JBL speakers since there are still a few out there floating around. Until you find a replacement speaker for that 8 ohm one, I'd leave it unhooked and just use the two 16 ohms wired in parallel and use the 8 ohm as a radiator.....even though it won't be producing sound, you will still have some movement which will give the impression that it is kind of working.

Subject: Re: Speaker replacement
Posted by [jimbpilot](#) on Thu, 18 Feb 2016 20:30:47 GMT
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But if you wired all three of them in parallel. what would the ohm load be ???

Subject: Re: Speaker replacement
Posted by [Iowa Boy](#) on Thu, 18 Feb 2016 23:21:19 GMT
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If you wire 3 16 ohm speakers in parallel you will get a 5.33 ohm load which is okay to run your amp through.....2 16 ohm speakers will give you 8 ohm load.....still okay just will not get the full power out of the amp. For full power you want ideally a 4 ohm load which you can't get with 3 speakers.....5.33 is the closest you can get. Just keep all three speakers at the same ohm rating....mixing ohms does not give you a balance sound. 2 8 ohm speakers will give you 4 ohm load.....3 8 ohm speakers will give you 2.66 ohm load and your amp will run hot....not advisable especially if you have the amp cranked. If you run the 2 16 ohm speakers and the 1 8 ohm speaker in parallel.....not sure what your ohm rating would be but pretty sure it would be lower than the desired 4 ohms. You'd eventually blow the 8 ohm speaker anyway in time since it is getting more power than the other two 16 ohm speakers.

Subject: Re: Speaker replacement

Posted by [stevem](#) on Fri, 19 Feb 2016 11:55:22 GMT

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Why are you not able to replace it, do you have two already, or can not afford buy a used one that works or even one that needs to get re-coned?

Weber speakers can make you one but the cost will likely be near 250 bucks when all is said and done.

If you already have one good one but no second one the main thing to try and get is a driver with a Alnico magnet as the D140 has, not a Ceramic magnet, and that's the hard thing!

If you go on eBay and look at the Used silver frame Magnavox 15" speakers you will find many with big Alnico magnets for under 100 buck, you can grab one and send it to Weber for a re-cone and they can get it close to the original JBL but for the wattage rating which should not really matter!

Subject: Re: Speaker replacement

Posted by [jimbpilot](#) on Fri, 19 Feb 2016 16:48:13 GMT

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What is the difference between a JBL D-140 and a JBL K-140 15' bass speaker ??

Subject: Re: Speaker replacement

Posted by [stevem](#) on Fri, 19 Feb 2016 17:05:56 GMT

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The D140 as in the D130 was rated for 60 watts RMS , the latter K series was rated for 150 watts RMS and was made with a revised spider and cone to hold up better long term, other than that it has the same magnet structure and the same 40 to 2500 HZ frequency response of the D series.

Subject: Re: Speaker replacement

Posted by [jimbpilot](#) on Fri, 19 Feb 2016 20:32:55 GMT

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Thank you guys for all your help. I am going to get this project up and singin' to me yet ...
jimbpilot

Subject: Re: Speaker replacement

Posted by [Kustom_Bart](#) on Sat, 20 Feb 2016 18:58:46 GMT

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Just take your 8ohm and have it reconed in 16 ohm.
