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Subject: Replacement speakers for K-250  
Posted by [slk854](#) on Wed, 08 Jul 2015 13:01:39 GMT  
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I may be in need of some speakers. This would be for the 2-15+horn cab... One for sure will be the horn driver. Can someone tell me what I need to start looking for. I see them on ebay for reasonable to outrageous. I have no idea which one was originally in it. I do like the look of the silver dust caps.

Reason for not knowing what is in the cab is that I do not own it yet, and have no idea what is in it. The 15" that are in it do not have the silver dust caps in the center. I am not sure if that model always had those kind in it or not. There is no sound coming from the horn at all, so I am assuming it is not in there. The cast housing is there. A friend said that the horn driver would just screw into the back of the housing. So that sounds easy...

Steve

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Subject: Re: Replacement speakers for K-250  
Posted by [stevem](#) on Wed, 08 Jul 2015 14:19:19 GMT  
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Which horn set up do you have, the early one with the siren horn?  
If so they use a 16 ohm 1 3/8" screw on driver, it could be blown, or sometimes the inline 50 volt 4 uf crossover cap blows up.  
If you need a new driver the parts express / Goldwood 270-188 driver is a 16 ohm 100 watt model that cost 43 bucks.

If your 15 inchers are good and you must have aluminum dust covers you may be able to add them dependant on the voice coil diameter the drivers have.  
It would seem that in 1969 or so the standard 15s in these cabinets ( non Bass drivers ) started to come with the aluminum covers.  
If those two 15s you have are shot then you could get them re-coned with the aluminum domes.  
If you use this as a standalone cabinet I would get a real passive crossover for it and not just a the cheap in line cap like stock!

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Subject: Re: Replacement speakers for K-250  
Posted by [Iowa Boy](#) on Wed, 08 Jul 2015 15:49:26 GMT  
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The speakers in question since they have aluminum dust caps could be KEI, JBL or CTS....mine is KEI. He is not talking about a siren, but the H 811 B horn that was used in the PA and guitar cabinets.

Since you are using this for guitar (horn) you will not find any new speakers with aluminum dust caps already on them. Look for another 2-15 cabinet with the dust caps or look online for D-130

not D-140 speakers. KEI are pretty scarce except for the 12's. Also watch for JBL PA cabinets that you can rob the speakers from. Make sure you get 8 ohm speakers and not 16.

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Subject: Re: Replacement speakers for K-250  
Posted by [pleat](#) on Thu, 09 Jul 2015 01:52:09 GMT  
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Kustom offered KEI speakers with the aluminum dust cap with a black center dot for venting. Altec speakers have a 3" diameter aluminum dust cap, and the JBL speakers have a 4" dust cap. CTS 15" speakers have a 2" diameter cardboard style dust cap with a center vent. The CTS 10" and 12" speakers did have the aluminum dust cap as used in the Kasino guitar amps.

Depending on the year, some Jensen's did have the 2" diameter aluminum dust cap with the black center vent.

I have used the Circuit Shop in Caledonia, MI for reconing 15" CTS and for 5.00 more per speaker they will add a 4" diameter aluminum dust cap that when installed in the cabinet, you'd swear it has JBL speakers.

pleat

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Subject: Re: Replacement speakers for K-250  
Posted by [slk854](#) on Thu, 09 Jul 2015 21:57:29 GMT  
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Ok I have a lead on an amp I am going to look at tomorrow. It is a K-200-2 with a 2-15 speaker cab. Is the impedance right for the K-250. I am thinking I can use the speakers out of that cab for my k-250. That would give me 2 JBL's, and all I would have to find next would be the Horn driver. That way I could put together a black 2-15 + 1 Horn cab for the K-250. Sound do able?????

Steve

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Subject: Re: Replacement speakers for K-250  
Posted by [pleat](#) on Fri, 10 Jul 2015 00:00:58 GMT  
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Steve, the K200 series cabinets used 16 ohm speakers wired in parallel. So the 2x15 cabinet your going to look at would a 8 ohm cabinet. (Assuming the original speakers are still in the cabinet). The only way to tell for sure is to remove the back if your not sure what to look for.

The 2x15 cabinet in the K250 series uses 8 ohm speakers wired in parallel for a 4 ohm cabinet. You can always run a higher impedance, but it's not a good idea to run below the 4 ohm your K250-4 amp head wants.

The other difference, the 2x15 cabinet for the K200 series has a taper from top to bottom when viewed from the side. The K250 head is deeper from front to back, so you will have some of the amp hanging over the back of the cabinet.  
pleat

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Subject: Re: Replacement speakers for K-250  
Posted by [slk854](#) on Fri, 10 Jul 2015 00:51:25 GMT  
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Well my idea was to remove the speakers from the K-200, which hopefully they are JBL's and put them into the empty black K-250 cab. That would give me 2 good speakers. All I would need to do then would be to find a horn driver...I will know tomorrow what I have to work with and report back. But now I understand what you are saying about in parallel. I really need 8 ohm speakers to be correct for the K-250 cab

Steve

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Subject: Re: Replacement speakers for K-250  
Posted by [pleat](#) on Fri, 10 Jul 2015 01:17:25 GMT  
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The other option would could be, find two of the older K200 series cabinets with each cab being 8 ohms and you could safely drive both cabinets giving a 4 ohm load to the K250-4 amp head.  
pleat

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Subject: Re: Replacement speakers for K-250  
Posted by [slk854](#) on Wed, 15 Jul 2015 15:30:27 GMT  
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Well guys I hate to admit my errors or just not paying attention to what I was doing, but I rewired the speaker cab last night and I decided to check the speakers one more time for impedance. My meter was set on the wrong thing and they do in fact test out as 16 ohm speakers (not 8 ohm as I last reported)..Dummy me.....

Steve

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Subject: Re: Replacement speakers for K-250  
Posted by [Iowa Boy](#) on Thu, 16 Jul 2015 15:36:23 GMT  
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So do the 16 ohm speakers have the dust caps on them and are you wanting to keep them or get rid of them for 8 ohm ones?

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