
Subject: K100 15 COMBO

Posted by [GPFALLON1](#) on Tue, 01 Feb 2011 03:57:00 GMT

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IM A NEWBIE THAT JUST BOUGHT A BLACK K100 1-15 SC OR COMBO MODEL, THE SPEAKER IS PROBABLY NOT ORIGINAL, SINCE ITS A SHEFFIELD 4OHM THE POWER AMP IS A PC 900. CAN SOME EXPERT VERIFY THE CORRECT SPEAKER OHMAGE AND POWER OUTPUT, I WAS THINKING OF GETTING A CARVIN 8 OHM RATED A 250 WATTS, SINCE ILL BE PLAYING BASS AND PEDAL STEEL THROUGH THIS. ANY IDEAS ? THANKS GARY

Subject: Re: K100 15 COMBO

Posted by [pleat](#) on Tue, 01 Feb 2011 12:27:43 GMT

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Welcome to the site. Your SC K100 is 50 watts rms or 100 watts peak power. The amp originally came with a 8 ohm speaker from the factory. I'd make sure when you change speakers to get a 8 ohm. Kustoms will run fine with a higher impedance, but I don't recommend running a lower impedance speaker than what the amp wants. Interesting combination, pedal steel and bass guitar. A lot of guys really like the Altec 421A speaker for those amps.
pleat

Subject: Re: K100 15 COMBO

Posted by [cassent5150](#) on Tue, 01 Feb 2011 20:58:24 GMT

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I totally agree with pleat, the 8 ohm 421A is the ideal speaker. 15 inches of solid gold tone and a frequency response down to 30 HZ make it "MUCHO VERSITAL" in any low wattage amp 100 watts or less. I'd be afraid of high wattage speakers because of added structural weight of the heavier cone, heavier voice coil and added magnetic structure to deal with at 50 watt RMS. That will hurt you in efficiency. I would think more like a low wattage high efficiency speaker replacement with a wide frequency response like Jensen P15N or C15N or a JBL "F" series like the D130F and my favorite the Altec 421A. I have that Amp with the Altec 421A and it sounds fantastic!! Steve C

Subject: Re: K100 15 COMBO

Posted by [GPFALLON1](#) on Sun, 13 Mar 2011 17:19:32 GMT

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THANK YOU ALL FOR THE INFO. I DID MY RESEARCH AND VIA THE VINTAGE ADVERTS ON THIS SITE I FOUND THESE AMPS AND THE 150 SERIES SC, ORIGINALLY CAME WITH A CTS OR THE 421 A. ALSO 8 OHMS OR MORE = LESS STRESS ON THE OUTPUT TRANSFORMER. I HEEDED YOUR ADVICE AND FOUND A 421 A VIA DUSTYS SPEAKERS

ON EBAY NEWLY PAINTED AND RECONED FOR \$169 + shipping. freq range 35 to 8k wow super full range .150 watts rms @ 8 ohm. wow should be great for bass guitar, and pedal steel ultra high and low notes. plus i have the satisfaction of knowing i have the exact same sound we geezers remember. another beautiful black t&r lives, thanks guys gary fallon, tampa bay,

Subject: Re: K100 15 COMBO

Posted by [steven](#) on Sun, 13 Mar 2011 18:46:11 GMT

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Hello and welcome!

The Altec driver will make you very happy and you got it for a good price.

One thing I must mention though, Solid State amps do not have a output transformer for impedance matching so thats why having the proper ohmage speaker is so critacle to the output stages life no less the amps output wattage.

Subject: Re: K100 15 COMBO

Posted by [GPFALLON1](#) on Sun, 13 Mar 2011 19:28:06 GMT

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thanks for the correction ,im such a tube man,transistors just deal with the load ,lets see i got this amp for \$180 and speaker for \$190 inc shipage for \$370 any way you look at it i got a gem.great site.,gary fallon tampa bay
