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Subject: Replacement module for 2X15 bass cab?  
Posted by [Rich Rice](#) on Fri, 11 May 2012 12:08:13 GMT  
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I have a K250 with a 2X15 cab, which works perfectly. I bought second matching 2X15 cab, but somebody stripped the power module out of it. The factory hole was covered with a plate with a 1/4" jack- nothing else. It looks like the rest of the cab and speakers are unmolested and original, CTS square magnet speakers in there.

I'm trying to locate a proper power module to bolt into the cab, but having trouble locating such an amp. Has anybody mounted a different power amp with good results? If so, which one and did it fit in the factory hole? Sound good?

Thanks!

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Subject: Re: Replacement module for 2X15 bass cab?  
Posted by [stevem](#) on Sat, 12 May 2012 11:23:15 GMT  
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Hello.

You do not have many options here!

You stand a better chance of flapping your arms and getting to the moon than finding a original power module!

You really have two basic ways to go, one expensive and one somewhat cheap.

(1)

The expensive way would be to buy a beat to hell K250 head who's power supply and output stage still works and then removing the front panel, unplugging the two preamps and then cutting the chassis way way down to fit in the cabinet.

(2) buying a used power amp and just setting it up on the floor behind the cabinet.

Kustom power amps are drivin by alot of signal voltage from the preamp section, what this means to you is that if you go the seperate power amp route the amp you pick would need to be rated for about 300 watts rms into 4 ohms to end up with the 125 watts rms that the original power module would have had on hand.

You may also be able to find a one of the seperate bi-amp power modules that kustom used for their latter PA serise of mixers.

These had a high frequency and low frequency power amp section and can sometimes be found on ebay for 250 like the one I picked up last year!

A outside third way to do this would be if you had electronics ability and you built yourself a custom power stage out of the many self contained 40 to 100 watt intergrated output ICs that can be had these days.

A simple two rail power supply is all that is needed to get this done.

Let us know how and what you do?

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Subject: Re: Replacement module for 2X15 bass cab?  
Posted by [Rich Rice](#) on Sat, 12 May 2012 11:41:47 GMT  
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Thanks for the reply. I've been doing lots of research on various power amps, as I realize the rarity of the original power modules. I was really surprised to see one on ebay, and it went for something like \$27.00.. I bought the cab after that auction had closed, so I now feel like I missed the bus...

Anyhow, I have several very high power amps to use, but don't really want to drag extra stuff around. I have a feeling I'll try to find a class D bass amp that's small enough to mount to the floor of the cab, fly the ins and outs to a back panel, and use an effects return to bypass the pre section on the auxiliary amp.. Seems like the easiest solution in the long run.. I'll definitely post some pics/info here when it comes together. It may be a while, and I'll keep looking for an original power module. I just hate the idea of cutting into a nice old cabinet...

Piss me off.. [http://www.ebay.com/csc/i.html?\\_sacat=See-All-Categories&\\_from=R40&\\_nkw=kustom+module&LH\\_Complete=1&rt=nc](http://www.ebay.com/csc/i.html?_sacat=See-All-Categories&_from=R40&_nkw=kustom+module&LH_Complete=1&rt=nc)

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Subject: My solution.. Not too bad.  
Posted by [Rich Rice](#) on Sun, 13 May 2012 12:42:14 GMT  
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I thought things through, and ended up buying an Ampeg PF350 head. It delivers 350 watts into 4 ohms, has a very small footprint, and much more versatility than I bargained for. I was going to install it inside the cab and just use the effects return straight from the "module out" jack on the Kustom. However, after trying it out with the cab I decided it was too useful an amp to bury in the speaker box.. I have other uses for it, as I can plug my pedal steel into it and an external source (like a computer or ipod) and mix the signals together, then listen to the combined output through headphones- thus enabling silent practice. This unit can be run without speakers. So..

The Ampeg will remain external, it powers the second cab via the effects return and has a volume control to balance the levels of the two cabinets. Another added benefit is the XLR direct out, which makes mains support super easy.. It looks great, sounds great, and weighs less than 8 lbs. It fits in a laptop case, and can be gigged with any cab I choose. I don't have to butcher the Kustom, and can bide my time trying to find a power module. In the meantime, I can shake the windows with both of the bottoms. Great solution, but it did cost me more than I wanted to spend- the versatility, portability, and end result warranted the extra expense. I can go play small gigs with one trip load-in and one trip out. The Ampeg head and a Bag End bottom fill a room in short order, and sound great!

<http://www.ameg.com/products/portaflex/pf-350/>

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Subject: Re: My solution.. Not too bad.  
Posted by [steve](#) on Sun, 13 May 2012 13:47:55 GMT  
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Good thinking!! I forgot about these small class D switching type power supply heads.  
Low end wise for bass your better off without a power amp in there hogging up the needed room  
to tune the cabinet anyway!

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Subject: Re: My solution.. Not too bad.  
Posted by [Rich Rice](#) on Sun, 13 May 2012 13:51:44 GMT  
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This thing is just killer now!! I LOVE the way it sounds.

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Subject: Re: My solution.. Not too bad.  
Posted by [Rich Rice](#) on Tue, 15 May 2012 20:01:06 GMT  
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OK, here comes the backpedaling.. It sounded great until played with a 6 piece band. I returned  
the Ampeg this morning. 350 watt digital amp doesn't keep up with the K250 head. I'm guessing  
that their 350 watts are clean power, and then they just cut it off on the top end. Digital distortion is  
not pretty, so they would have to do that. It was good, but not \$300 good. For that, it should keep  
up with the original, in my opinion. So yeah, it worked, but a little disappointing in hard use. I  
guess I'll keep looking for a module and power the second cab with my GK 800RB until I either  
find an old module or buy a second K250 head.. It was worth a try, anyway..

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Subject: Re: My solution.. Not too bad.  
Posted by [pleat](#) on Wed, 16 May 2012 00:03:53 GMT  
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Another thought is to buy a rack mount Kustom III monitor amp. Same output as the power module  
and I've seen them on Ebay for 100.00 or less. I think you could stuff that amp in the 2x15 cab.  
Kustom also made a mono 130 watt rack mount along with a stereo version. If your handy, the  
K300 PA heads don't bring much money and could be adapted as well.  
pleat

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Subject: Re: My solution.. Not too bad.  
Posted by [pleat](#) on Wed, 16 May 2012 00:51:13 GMT  
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I had another thought, the old Peavey Musician guitar heads and the Bass heads from the 70's  
era, the power amp is the back panel of the amp. Those could easily be mounted on the floor of

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the cab or a side wall. Even the old Standard Peavey PA heads could be used as well.  
pleat

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Subject: Re: My solution.. Not too bad.

Posted by [Rich Rice](#) on Thu, 24 May 2012 22:24:51 GMT

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Thank you for the great suggestions! I wound up buying a Peavey Century head, which is actually a pretty cool amp in its own right. I powered the second cab with the Peavey for a few days. It is rated at 100 watts (solid state), but I have also read it produces about 120 watts RMS. If I used the Peavey as a full range amp, it has a very good sounding parametric eq and preamp section. Then I was running the Kustom as the slave, as I was liking it better driving the Peavey. I got along fine with it for a few dys, and then a kind forum member contacted me through my wanted ad on here. He had a new old stock power module that had never been mounted, and was willing to help me out. Hell of a nice guy, he shipped it to me and it arrived overnight. Talk about a difference.. I just shook my house with the 250 and the powered cab (both cabs) and this is what I was expecting. Great sounding pair now, limited by the original CTS speakers in both bottoms... Guess I need some JBL D140F's in there to get it up to snuff..

This never ends, ya know.. LOL

Thank you my friend for the module and advice.

As an aside, I'm going to hang on to the Peavey- just because..

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