
Subject: Why 4 channels?

Posted by daveobergoenner@gmail.com on Wed, 07 Feb 2007 16:06:14 GMT

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My K-200 A5 has 4 input channels. For the life of me, I can't figure out why they would waste so much space and money inside this thing to provide 4 completely separate input channels.

To reduce the noise, I'm thinking about cutting this down to just 2 functional input channels (which is still probably one more than I need as a bass player).

The A5 version has the "Ross PC102" input boards, which seem quite a bit different from the earlier schematic. The PC102 is about 5 1/2 inches tall, and about 3 3/4 inches wide. I'm just assuming the input transistors are at the top of these boards?, since the input trace runs up there. There's one NPN, and one PNP...does that sound right?

Anyway, I was thinking about just using the two input channels on the left side...farthest away from the power transformer. I'm guessing I could just power the others down. Looks like there's a red wire running (looping) the power to all the input channel boards. My thought was to just unsolder the power wire that runs over to the two on the right side (channels 3 and 4). It would be pretty easy to re-connect it if I were ever to sell it...so it would be back to stock.

Anyone have any thoughts on this?

BTW, bench tested this baby last night, and it makes an even 100 watts RMS into 4 ohms at clipping. Going straight into the power amp section (blue wire from the summing board), the frequency response is amazingly flat, and distortion is very low. Much better than I expected from an amp which uses 2N3055 (basically voltage regulator transistors) for the outputs.

Dave O.