



Roland KC-300 Stereo Mixing Keyboard Amplifier Disassembly

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INTRODUCTION

This guide shows you how to remove the rear panel, giving access to all the internal components.

Warning: this amplifier is heavy. Take care to lift it safely. You should get a second person should help you lift it on or off a speaker stand.



TOOLS:

- [Phillips #2 Screwdriver](#) (1)
 - [Phillips #3 Screwdriver](#) (1)
 - [Small flat screwdriver](#) (1)
 - [Small adjustable spanner](#) (1)
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Step 1 — Preparation



- Switch off and unplug the amplifier.
- With the amplifier on the work bench, turn it around so that you have the rear panel facing you.
- ⓘ If the amplifier has recently been used the metal cooling fins may be hot.
- ⚠ Do not attempt to remove any of the small screws on the rear panel unless you need to after removing the rear panel from the case.

Step 2 — Removing fixing screws - 1



- Remove two Phillips #2 screws from the bottom of the rear panel.
- ⓘ Note that these are different from the remaining screws to be removed and should be stored separately.

Step 3 — Removing fixing screws - 2



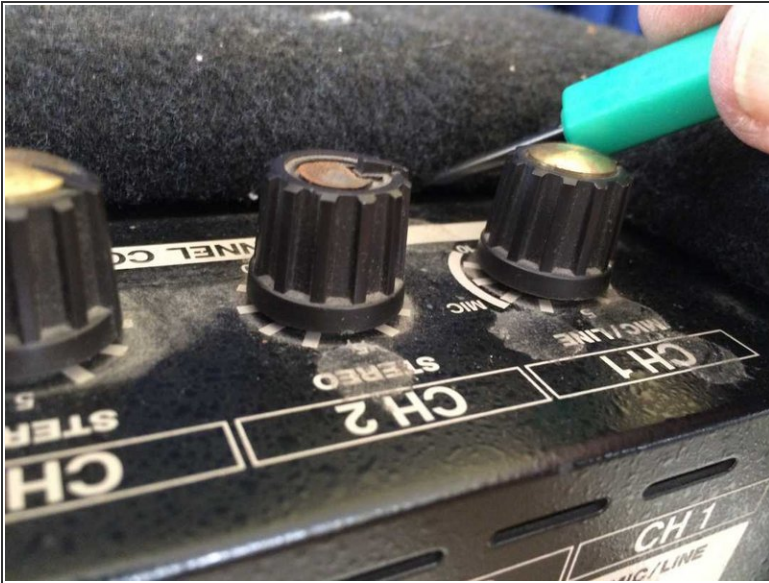
- Remove 2 Phillips #3 screws from the left hand side.
 - Remove 2 Phillips #3 screws from the right hand side.
- i** On reassembly it may be necessary to lift the rear panel by inserting a small flat screwdriver under the bottom edge in order to catch the screw thread. If the screws go in crooked they will be hard to tighten and you are likely to damage the threads.

Step 4 — Removing fixing screws - 3



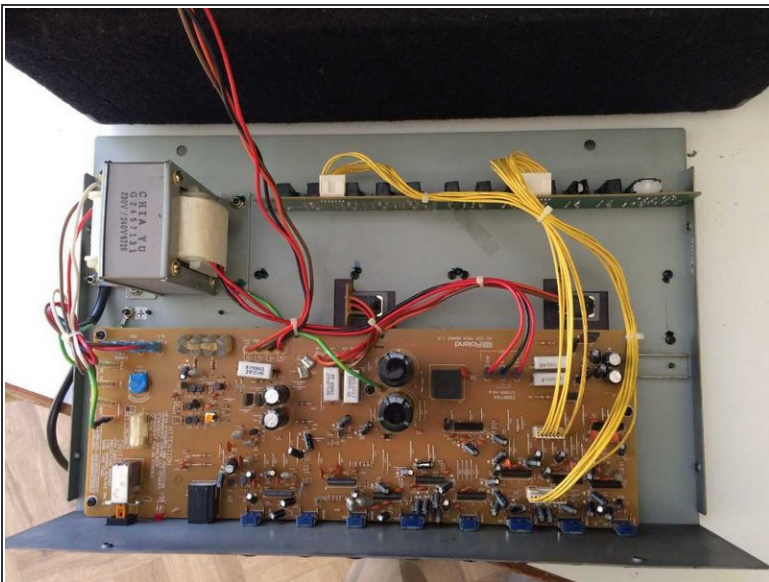
- Remove 2 Phillips #3 screws from the top of the case between the carry handle and the top control panel.

Step 5 — Rear panel removal



- It should now be possible to remove the rear panel away from the case, if necessary easing it away from the case by inserting a small flat screwdriver between the panel and the wooden case along the top and/or the bottom.

Step 6 — Inspection




- Lay the rear panel on the bench behind the case. You now have access to the electronics and the speakers.

Step 7 — Jack board removal



- To remove either jack board, first disconnect the multi-way connector by releasing the locking bar with a small flat screwdriver.
- Remove the plastic nuts on the rear panel from all the jack sockets on the board you wish to remove.
- Lift the jack board away from the rear panel.

 On tightening the plastic nuts on reassembly, hold the body of the jack socket to stop it being twisted, possibly damaging the contacts.

To reassemble your device, follow these instructions in reverse order.