

Retro Stereo 50

Tutorial

How to dis-assemble and re-assemble a Retro Stereo 50.

Tools:

1.5mm hex screwdriver

T10 screwdriver

2.5mm hex screwdriver

T20 screwdriver

10mm spanner (to remove the nut holding the volume potentiometer)

Mid-size Philips screwdriver

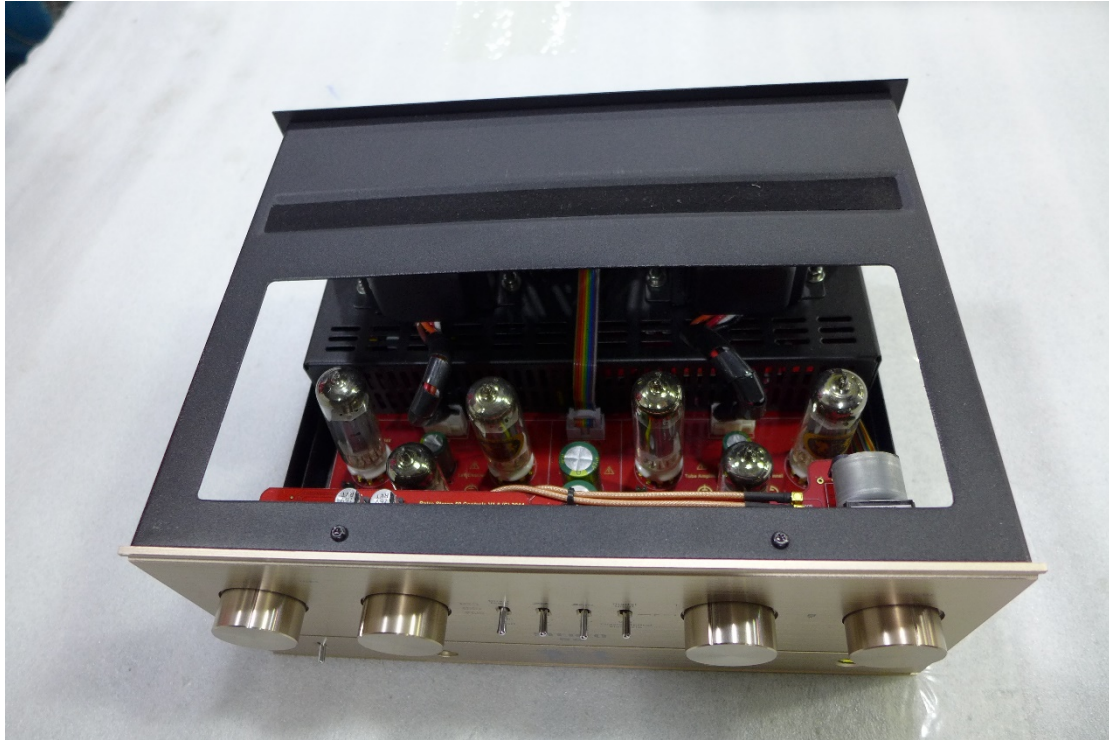
Step 1

- Lay a towel out on a flat table
- Flip the Stereo 50 upside and remove the 4 x feet



- From front-to-back, gently slide out the bamboo surround (taking care not to damage any part of the Stereo 50 or the bamboo surround)
- Place the bamboo surround to one side.

Step 2



- Then all around the metal case remove the 11 x screws. Lift the top cover and set aside.





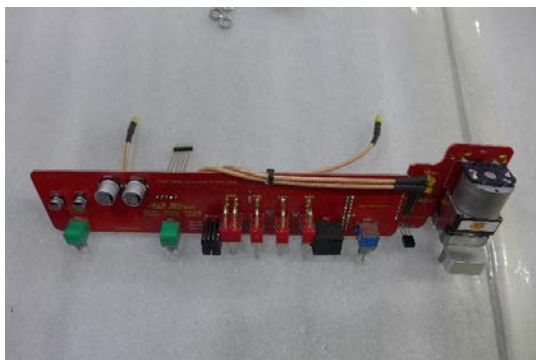
- Using the 1.5mm hex screwdriver, carefully remove the 4 x large knobs at the front the Stereo 50.
- Using the 10mm spanner, remove the 4 x nuts that hold the front control panel.



Step 3: Removal of the Front Control PCB

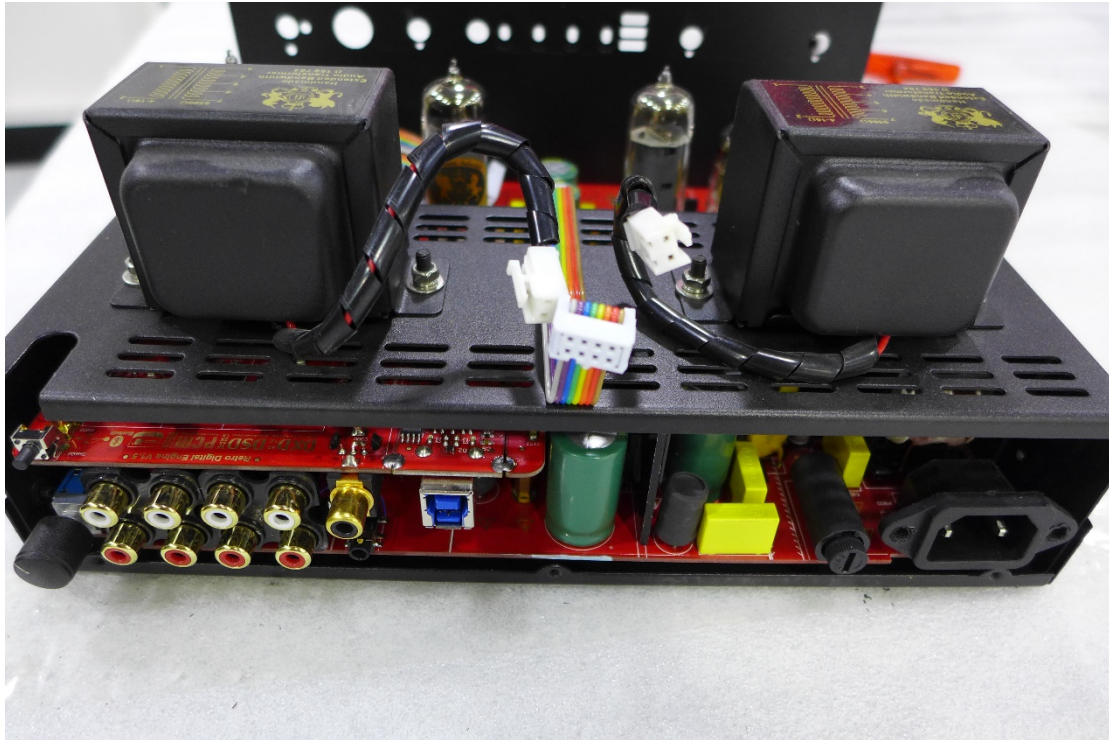


- Remove the complete front control PCB (2 pcs) by undoing 4 x screws on the far right which hold the volume pot in place.
- Unplug the 2 x cables and ribbon cable underneath the PCB and then lift and remove the front control PCB.

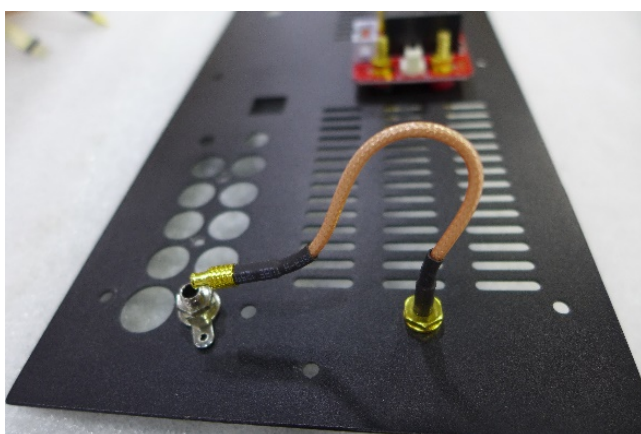


Step 4: Removal of Back Panel

- Undo the 5 x small Philips screws, 2 x large screws and RCA / component screws.



- Unplug a total of 4 ribbon cables, disconnect the transformer plugs and carefully disconnect the Bluetooth connection cable.



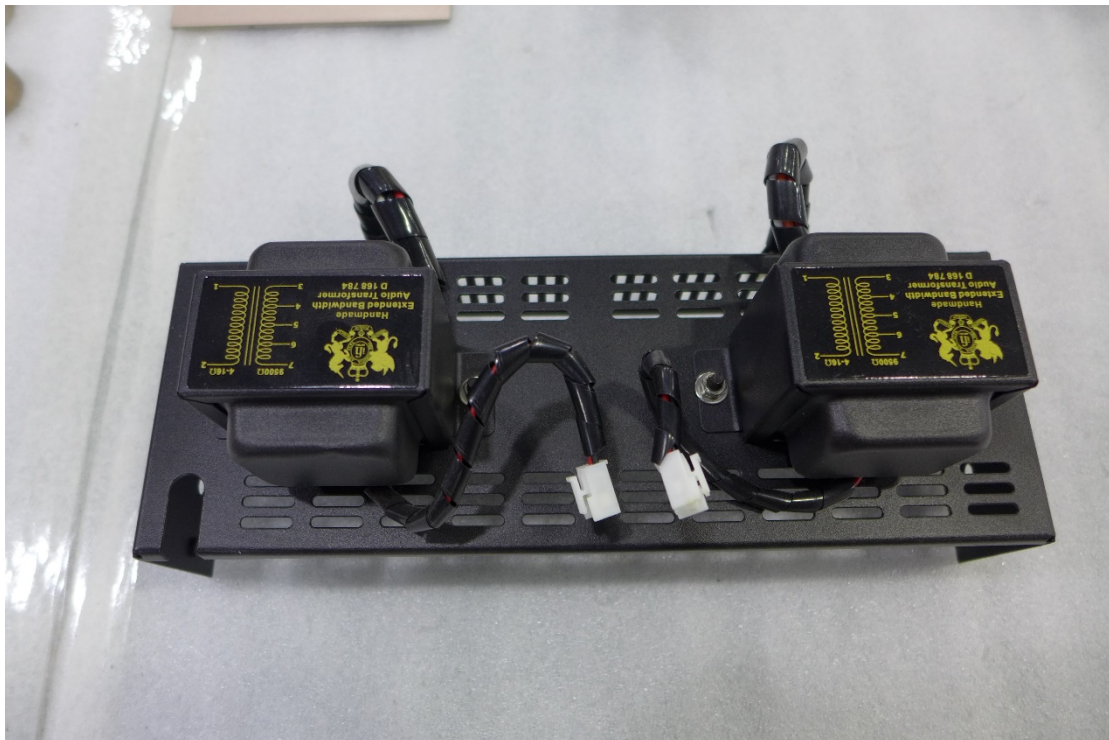
- Remove the back panel and place to one side

Step 5: Removal of the DAC PCB

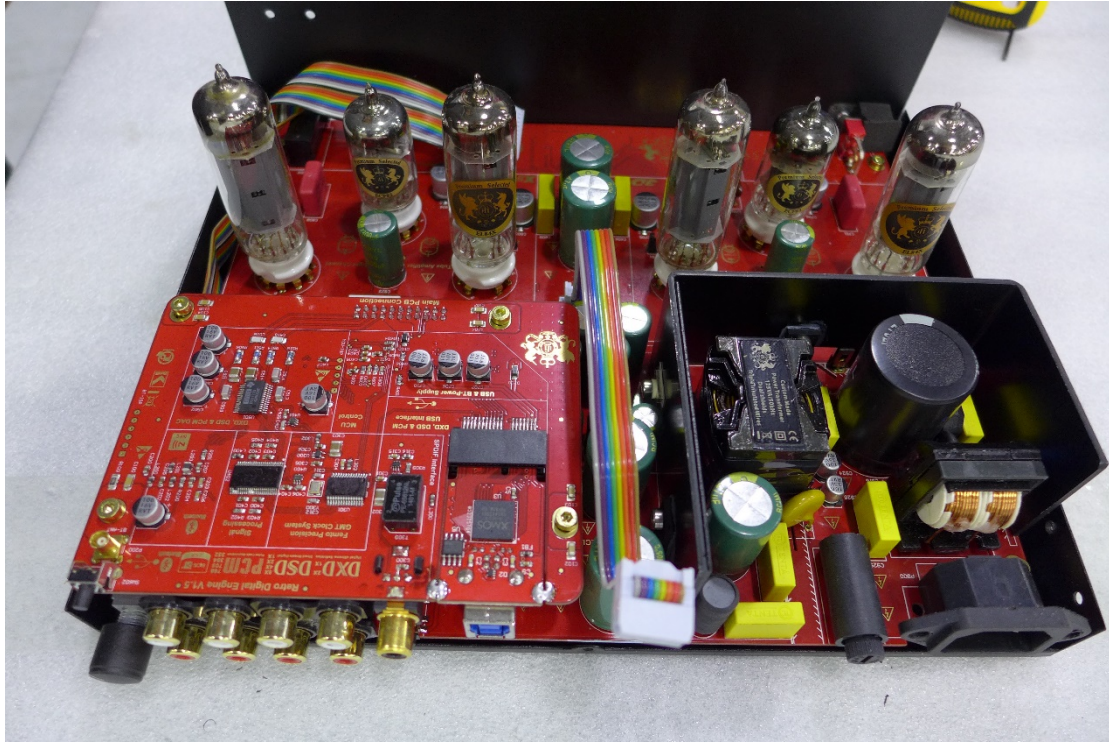
- Unscrew the side screws holding the transformer cage in place.



- Lift and remove the Transformer cage



Then you will see this:



- Remove the 4 x 2.0mm screws and take out the DAC PCB



- At this point you can remove the tubes whilst the main PCB is still secured.
- Place the tubes in a protected area so they don't get damaged.
- Remove the ribbon cables attached to the main PCB.
- Unscrew the main PCB and remove.

Re-assembly in the following order:

Main PCB > DAC PCB > Back Panel > Transformer cage > Front control PCB > Top chassis cover >

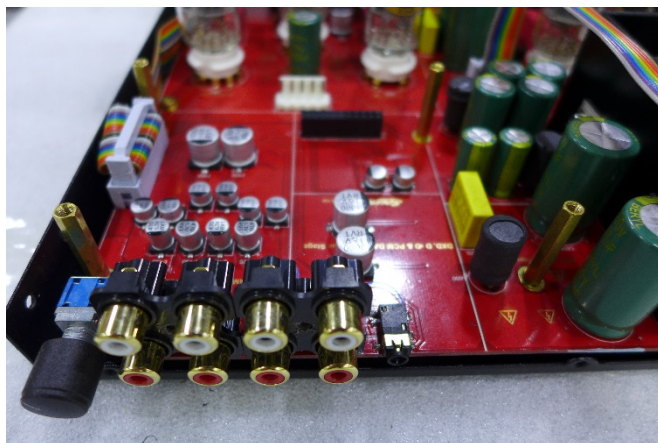
Re-Installation of the back panel (service notes)

Install the back panel first and the transformer cage second.

Do NOT tighten the 4 x 2.5mm screws that hold down the DAC pcb.

Line up the back panel via the back panel Bluetooth button first. Then gently fasten the screws but do not tighten.

The 2 x screws that attach the back panel to the bank of RCAs are longer so ensure the correct screws are screwed back in.



The IEC screws are the 2 x large screws. Do not over-tighten.

Re-Installation of the front panel (service notes)

Re-connect the 1 x ribbon and 2 x MMCX copper cables (directly at front EL84 tubes).

When inserting the front control panel, it is fine to slightly bend the pins so that they can be inserted.



Any questions - just ask.

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