

How To (dis)assemble a Bose 321 II:

WARNING: The procedure described below definitely voids your warranty for the unit!

1. Required tools:

You need two screwdrivers, one philips #2, one slotted 2

2. Preparation:

Power up the Bose 321 II, eject the disc tray and pull all cables (so that the tray stays outside as shown):



3. Take off the faceplate of the DVD by pulling it vertically upwards (it definitely comes off - controlled force ...):



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4. Push the tray back into the drive (to be out of the way for disassembling the frontcover:



5. Use the flat screwdriver to lift the top of the frontplate along the seam (carefully, don't scratch it - it should come off easily)



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6. Flip the unit and do the same along the bottom seam; once both sides are worked that way the frontplate comes off to the front.



7. Unscrew the six screws on the bottom:

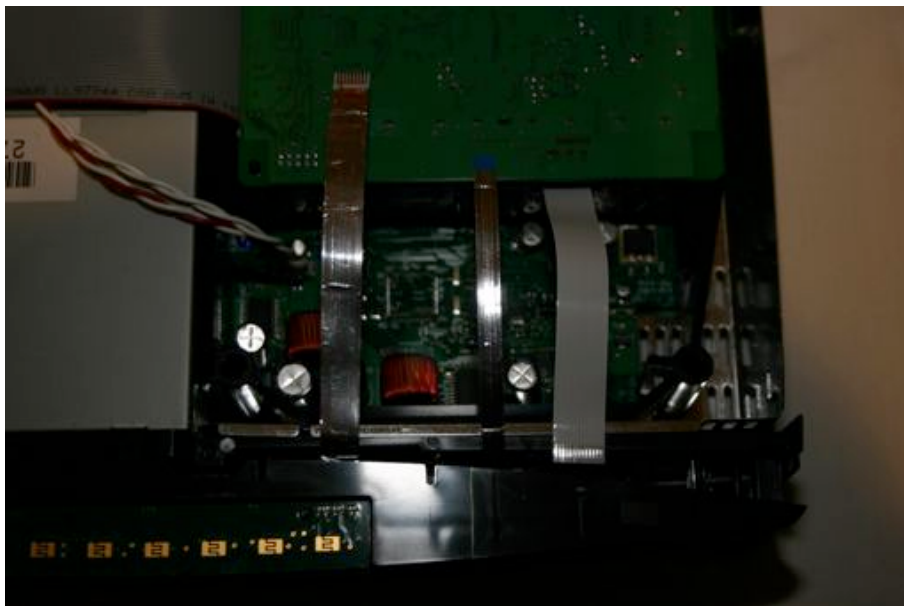


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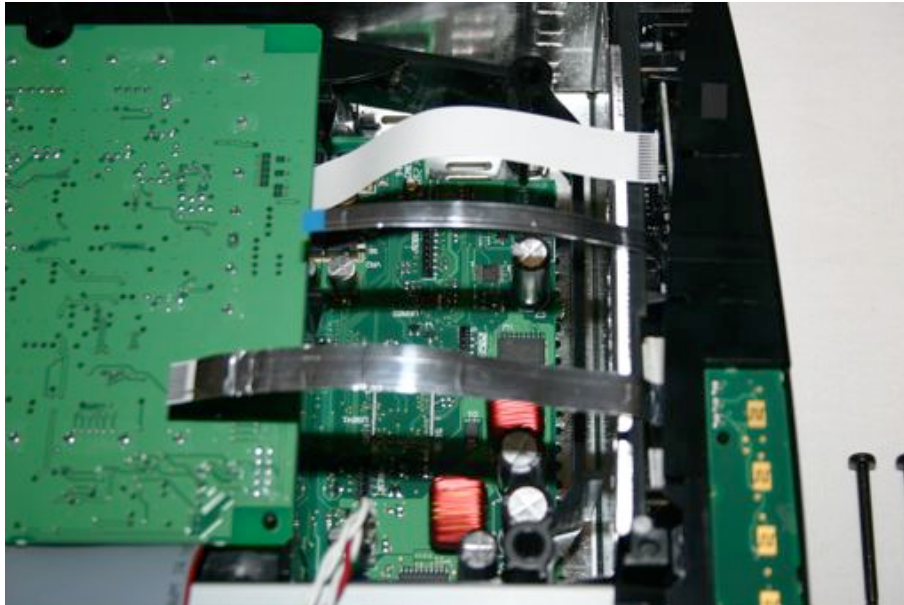
8. Turn the unit and take off the topcover:



9. There are three ribbon cables that have to be pulled out of the main PCB - don't bend them, they get out easily ... (two silver for the frontplate display and buttons, one grey for the tuner):



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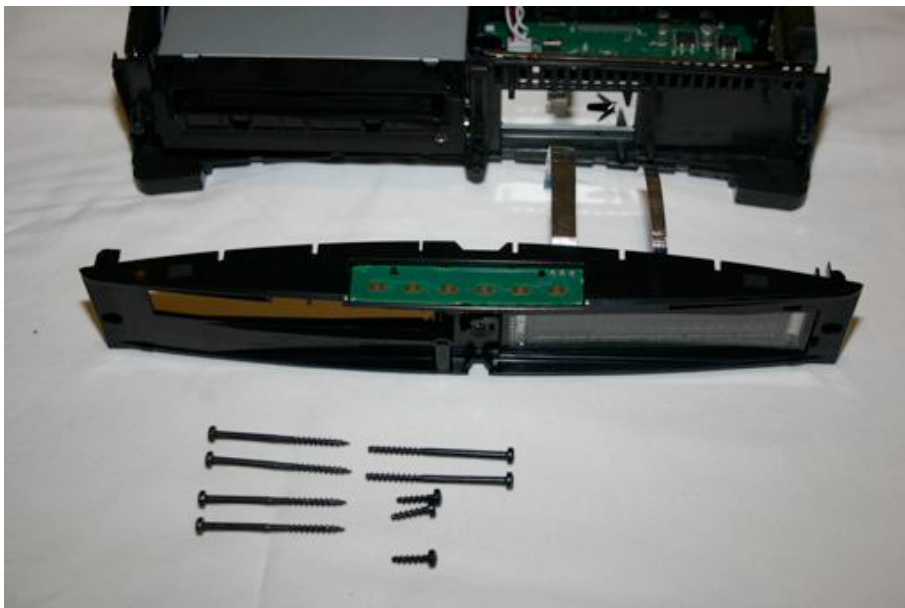


10. Take out the tuner PCB (no screws!):



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11. The next three screws hold the faceplate, unscrew them and take it of:



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12. Pull the IDE and the power cable for the DVD drive off the main PCB:



13. Pull the DVD with the carrier (black plastic frame) vertically out; again no screws, but be careful not to bend capacitors:

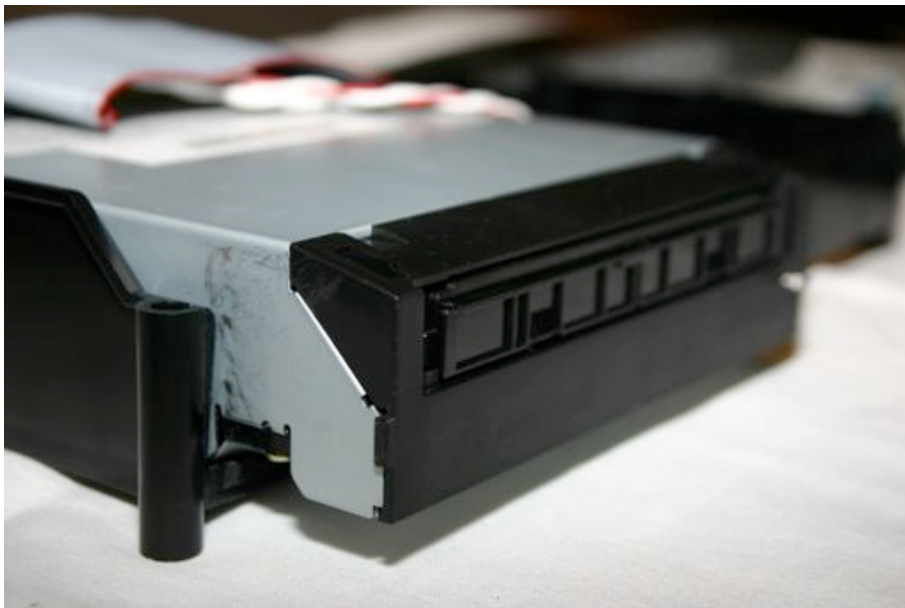


14. That's it in regard of disassembling the Bose 321 II; the drive is now ready to be hooked to a PC and the flashing of the RPC1 firmware can start!

15. Assembling is in reverse order and should be pretty self-explanatory ...

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16. And finally here some additional shots of details; as one can see in the last photo the main PCB is already prepared to accomodate a 60pin ribbon connector and and RJ45 receptacle (which is soldered onto the PCBs of the Bose 321 GSX - according to the manual 'for future use only'). The details for the DVD drive show that the front is slightly abgled - hopefully regular replacement drives will fit in (in case the newer 1802 drives have to be determined un-tweakable) ...



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