

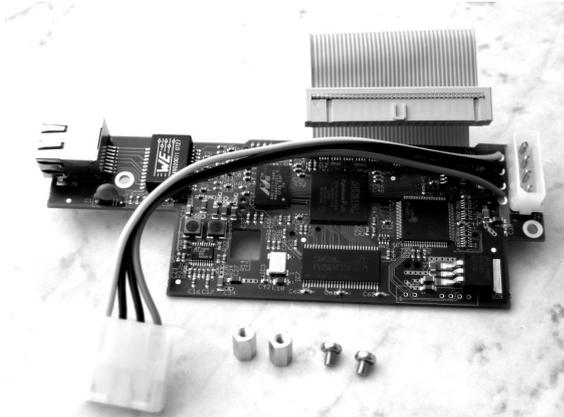
bonsaiLAN Assembly Instruction



If you are not familiar with electromechanics we strongly recommend to instruct a service technician to retrofit your bonsaiLAN module.

Content:

The bonsaiLAN module comes with:
-2 screws M3 x 4 mm (DIN7985)
-2 spacer bolts M3 x 10mm
and the PCB with plugged in 40-pin IDE cable.
Please check that all these items are present.



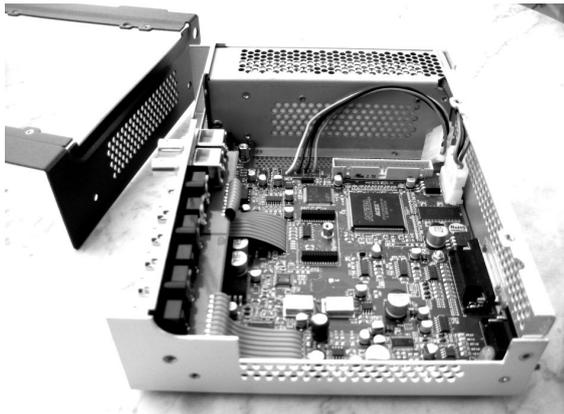
Information:

bonsaiDRIVES manufactured in 2007 and later are already assembled with back panels prepared for the bonsaiLAN module.
If your bonsaiDRIVE does not have yet the LAN breakout please contact your local dealer to get a new backpanel prepared for bonsaiLAN.

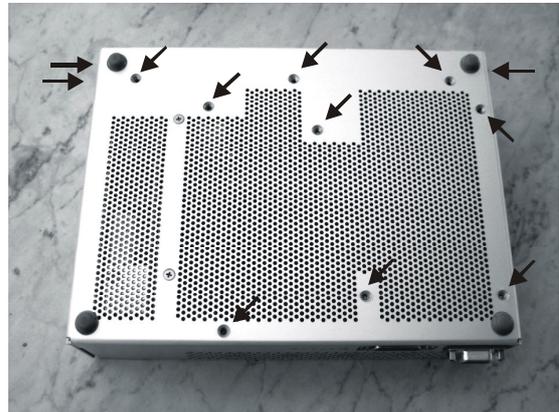


Starting Assembly:

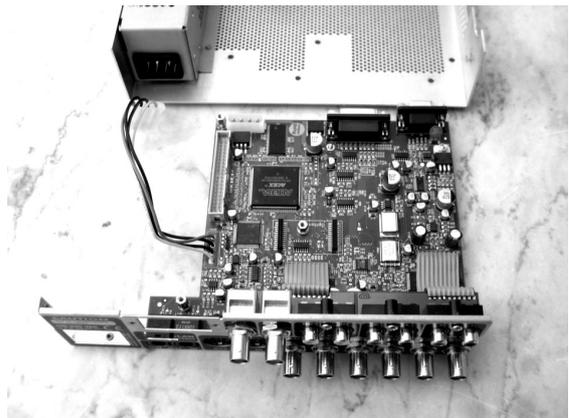
Step 1. Unscrew the 4 black Philips screws on the top and remove the harddrive with caddy. Another 6 black Philips screws (2 on the left, 2 on the right and two on the top) fix the top cover of your bonsaiDRIVE unit. Remove all these screws and demount the cover from the chassis.



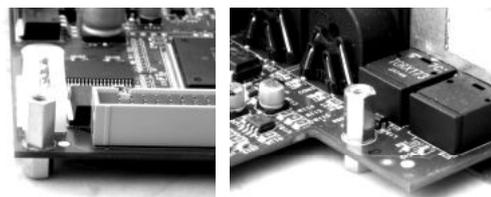
Step 2. Now remove the indicated 3 countersunk screws on the two sides and 9 countersunk screws on the bottom side of the chassis.



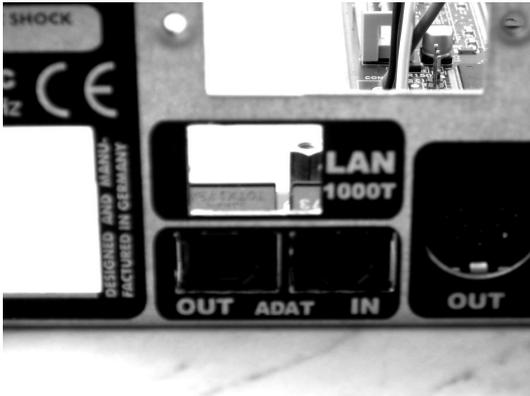
Step 3. Pull off the power supply DC connector and move out the mainboard including back panel.



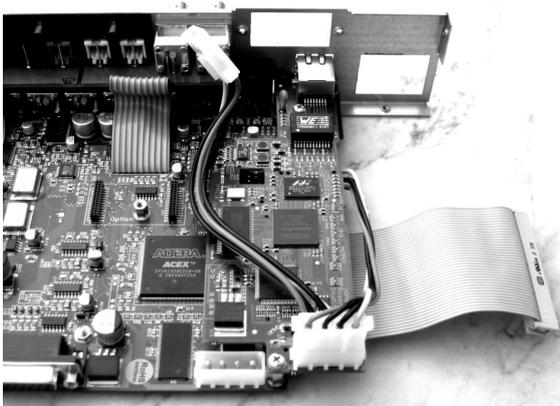
Step 4. Replace two M3 hex nuts (one next to the IDE connector, the other at the optical audio I/Os) with the included 10mm spacer bolts as shown in the two small pictures. Take care not to damage SMD parts on the mainboard.



Step 5. The break out for the LAN connector labeled LAN 1000T consists of two rated break points. Rotate the little square plate a few times to remove it.



Step 6. Plug in the bonsaiLAN PCB and make sure that the LAN connector fits correctly in the back panel and the two spacer bolts are placed exactly under the two mounting holes of the PCB. Then fix the PCB with the included M3 x 4mm screws and plug in the harddisk power cable from the bonsai mainboard into the 4 pin power connector of the bonsaiLAN module as shown in the picture below.

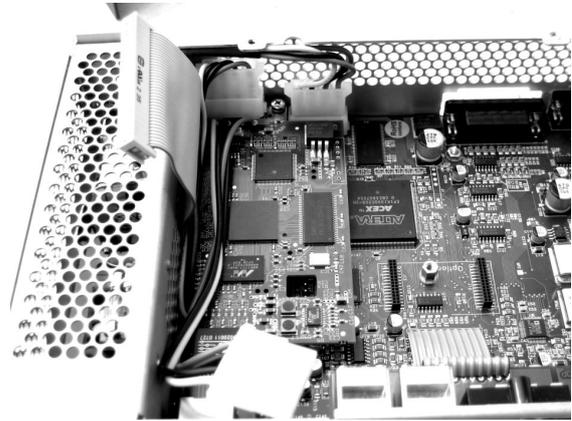


Step 7. Move the mainboard back into the chassis. (If you have difficulties to move the mainboard completely into the chassis please press down the 9-pin connector on the front side carefully to slide into its breakout). Plug in again the power supply DC connector. Check all cable positions according the picture. The 40 pin ribbon cable must be located outmost.

Make sure:

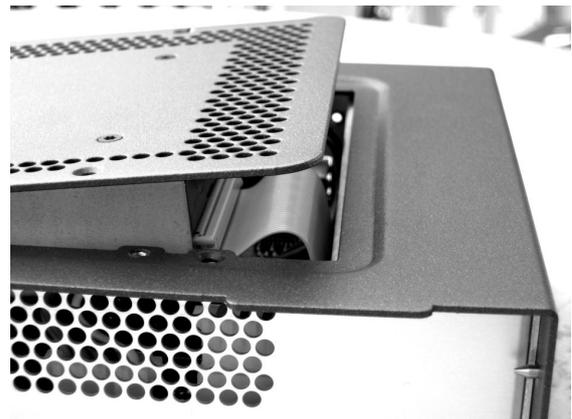
-The disk power cable from the mainboard plugs into the bonsaiLAN power connector!

- The power cable from the bonsaiDRIVE power supply plugs into the mainboard power connector!



Step 8. Refit all countersunk screws on the bottom (9 pcs) and the two sides of the unit (3 pcs). Now refit the top cover with the 6 black Philips screws.

Step 9. When you bring in the harddisk assure that the 40-pin IDE cable forms a loop to the top side of the unit as shown in the last picture. The disk power supply cable comes now from the bonsaiLAN module.



Step 10. Connect the bonsaidrive remote and press down the play and play reverse keys simultaneously. While holding down the two keys connect the unit to mains. The firmware update status will be indicated by illuminated keys "play", "play reverse" and "remote". Update the unit to version BF 00.50 or higher using serial COM port together with the provided update cable (included with your bonsaidrive) or any standard MIDI connection.

See also bonsaidrive user manual chapter 10 "Updating the firmware" on page 22.

Visit www.bonsaidrive.com to download newest firmware files together with update programs for Windows or Mac OSX.

www.bonsaidrive.com
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