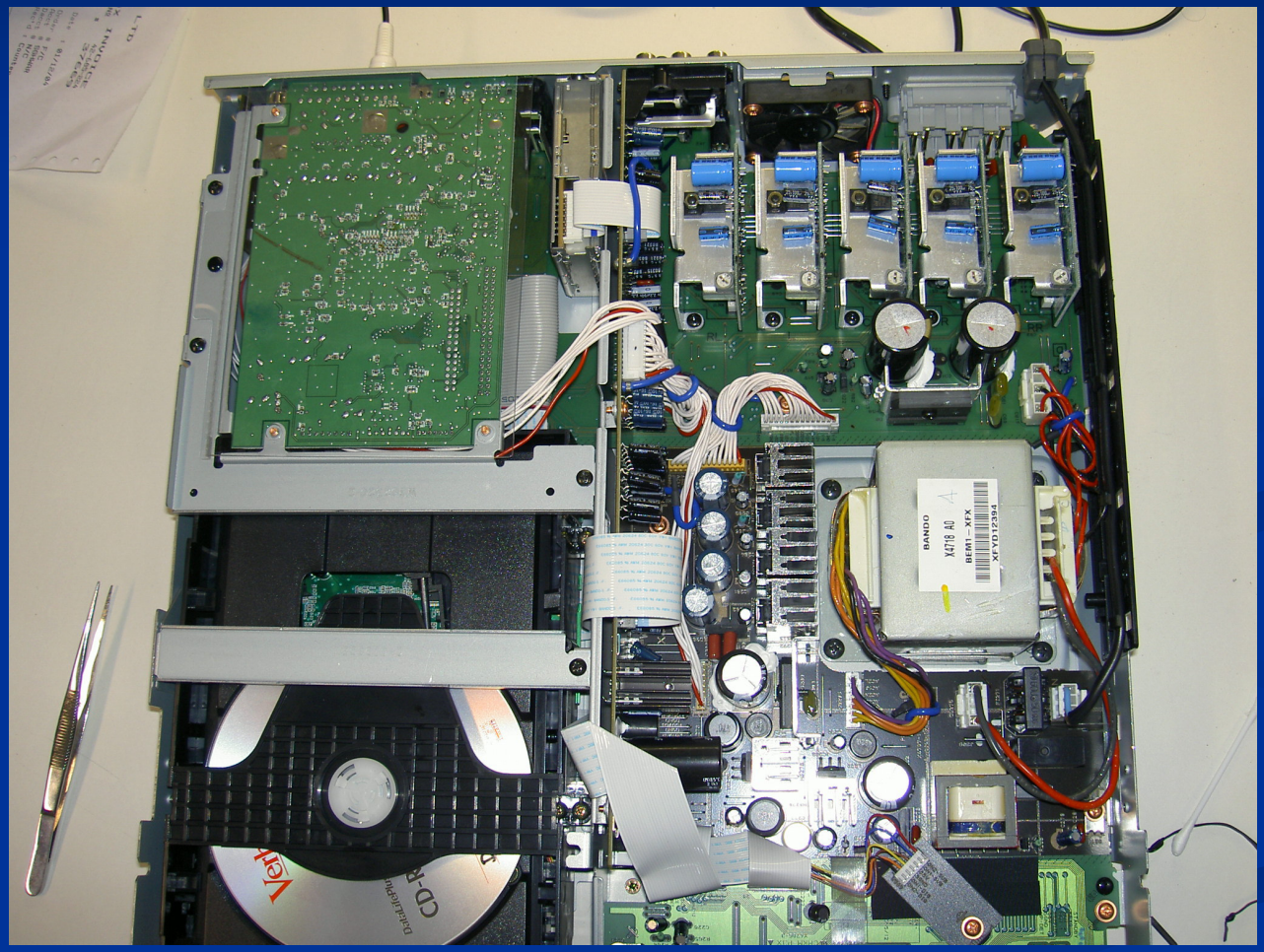
DVXS120/150/200

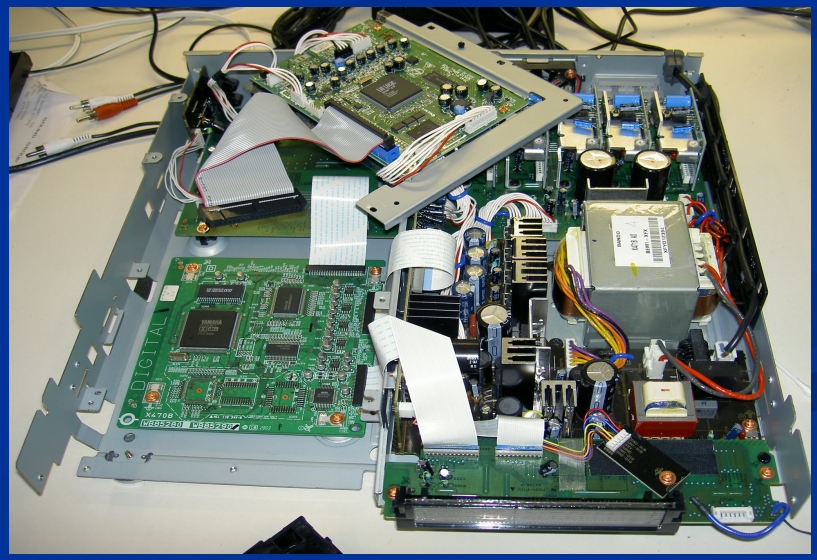
Internals



Fault finding

Most of the faults in these units are in the dvd stage of the unit it is important that we check firmware in them.
Major improvements have been made by firmware updates. These can be downloaded via our YSISS website.

To check firmware versions press open tray then hit menu on the remote. You will see all the appropriate firmware versions which will give you an indication of the unit's condition.



Common Faults

If the unit is displaying ‘reading’ on display, locking up in operation or showing ‘welcome’ and not acknowledging any functions.

- Please check and replace the mono board.

When a unit has a problem with not reading cds, dvds or skipping on discs.

- Please check mechanism and replace if required.

The unit can also inhibit a fault of not turning on because of the mono board, this can be known by entering the diagnostic mode and a PS2 Protect will be shown.

Common Faults

Please do not forget these units also have a ‘Diagnostic Mode’ just like our AV Receivers to assist you with fault finding.

We have six different protection functions-

I PROTECT (current protection)

DC PROTECT (dc protection)

AC PROTECT (ac protection)

TMP PROTECT (thermal protection)

PS PROTECT (powersupply protection)

PS2 PROTECT(dvd power supply protection)

Please use this mode to assist you with the repair of these units.

Repair Instructions

These instructions must be done.

When repairing any of the models please implement the following firmwares.

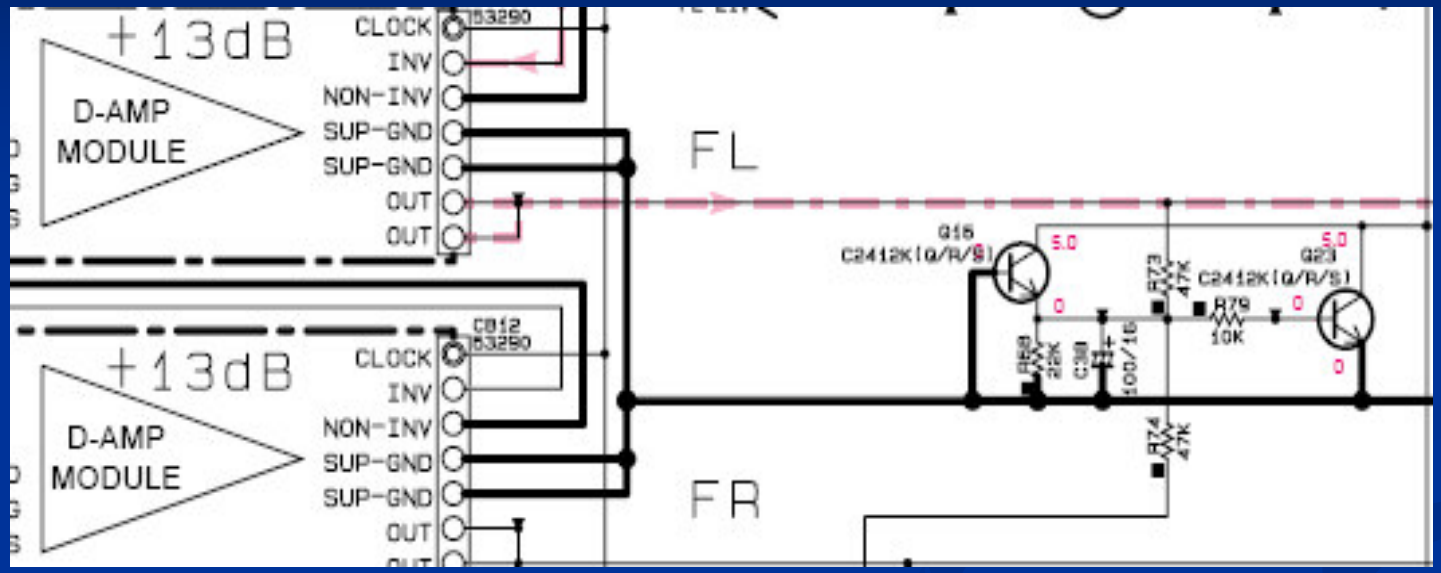
DVX-S120 – P78 and 212H

DVX-S150 – P78 and 212H

DVX-S200 – SA40 and UDE139

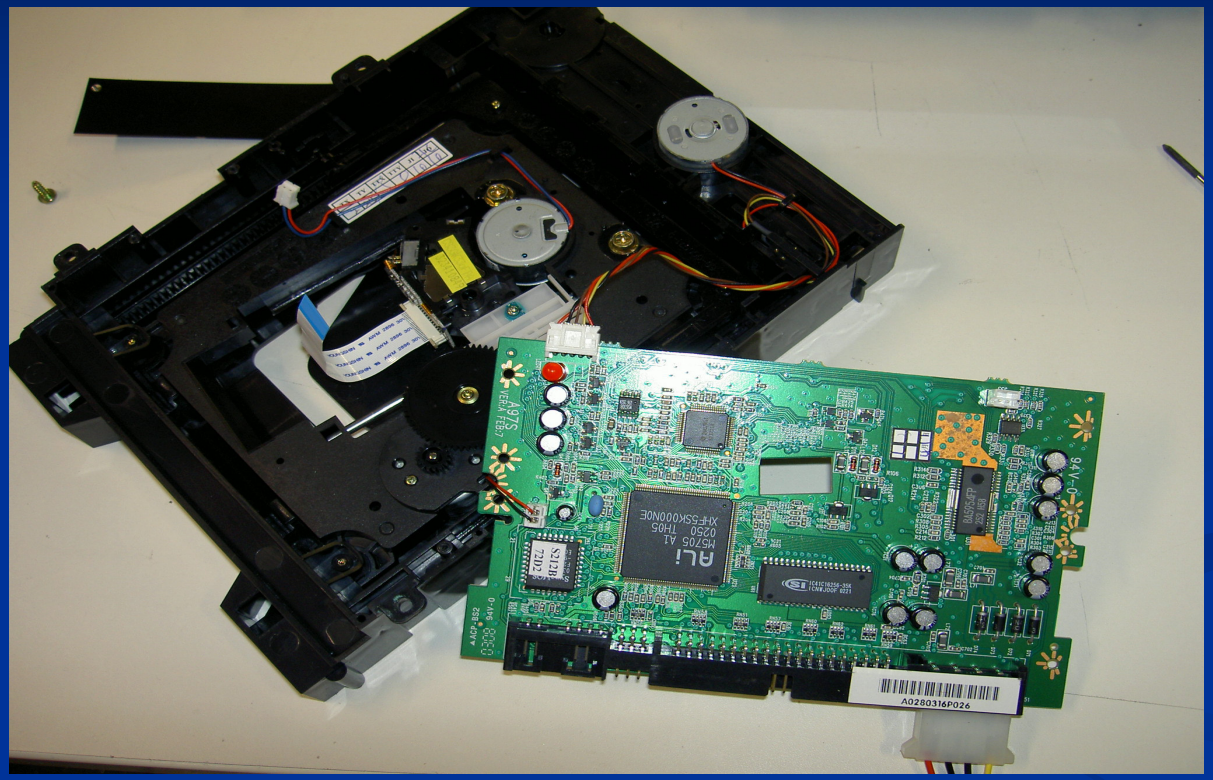
These firmwares must be implemented regardless of the fault.

Power Amp test points



- DC Offset will cause a voltage drop across R73.
- Q23 detects a positive DC offset.
- Q16 detects a negative DC offset.
- All amp modules must be plugged in or an error signal will be sent to the CPU.

Transport



- Please monitor any spindle motor noise, we have noticed some mechanisms being very noisy. Most common faults are spindle motor problems.

Thankyou