



Sony BDP-S350/550

Installation Manual

Please note that this modification to your player invalidates any warranty that may already exist on your player.

Introduction

Installing this modification is difficult. It requires soldering and the use of hot air soldering equipment is recommended

You will require a

- Fine tip soldering iron (max 25 watt)
- Hot air soldering station
- Solder flux etc.
- Some lengths of thin wire
- Philips screwdriver
- Double sided tape.

General information

The installation of the ICOS HD Multi region chip is difficult. If you are not experienced with soldering, please let us install the kit for you.

This modification is done entirely at your own risk. We do NOT accept any liability in the event of damage to your BD-player in the process of installation of the chip or in the usage of the modification.

If you have never used a soldering iron or are not competent with it, please do not attempt to perform this modification.

We recommend you read this manual **completely** before installing this modification.

Opening your player

First make sure that your player is **disconnected from the mains** before you even start opening the player.

If you set the unit in front of you with the display towards you there are 3 screws at the back of the player. Remove them using a Philips screwdriver.

The following is for the BDP-S550 only:

Remove the two covers at the left and right side.

Underneath each cover is a screw holding the top cover in place, remove this screw on both sides.

Remove the top cover, by gently sliding it towards you. This might require some attempts.

If the cover slides roughly 1cm towards you, it becomes unlocked, and can be removed.

Now remove the metal shield.

Disassembly

After removing the top cover, you will see the mainboard, most of the connections are made on this board.

Start the disassembly with the removal of the rear of the player. Remove the two screws holding the Audio board in place. Then remove all the lower screws at the back of the player, until you can remove the complete back plate of the player.

Carefully remove the two flatcables going to the mainboard.

Then proceed by removing the top board near the front of the player.

Remove the three screws, and disconnect all cables.

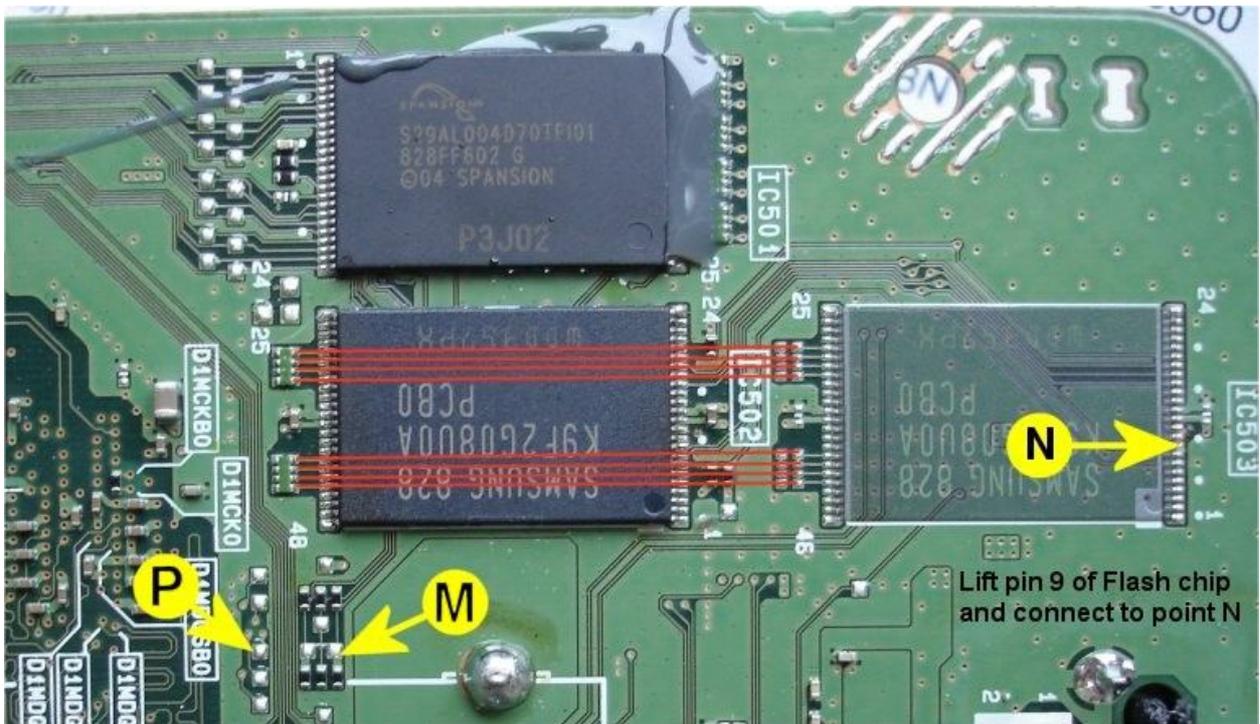
Remove all the screws that hold the the mainboard in place, and take it out.

Installing the logic board

The Logic board can best be installed at the following place:



Stick the logic board on top of the two RAM chips with some double sided tape.
Solder wires from points K and GND to the points indicated by the picture.

Mainboard connections (bottom):

Before you solder the supplied flash chip to the board, carefully lift pin 9 of this chip.

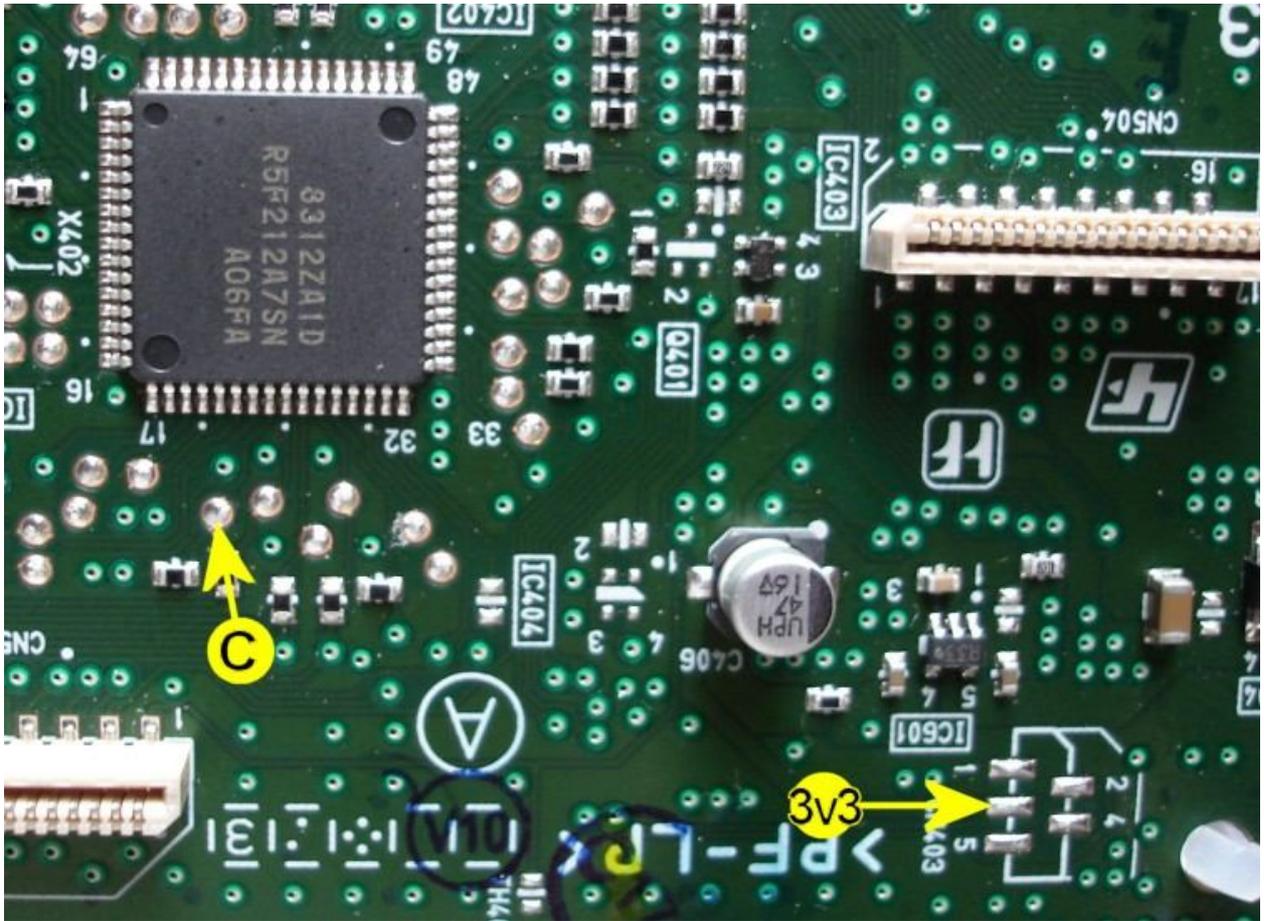
Install the supplied Flash chip at the empty spot on the board (IC503).

Make sure you align the chip correctly; pin 1 is indicated with a dot on the chip.

Make the eight bridges with thin wire (shown in red), and solder a wire to pin 9 of the flash chip to point N on the logic board.

Then solder a wire from point M and P to the corresponding point on the logic board.

Topboard connections:



Solder wires from point C and +3v3 to the corresponding points on the Logic board.

Job Done!