Sony BDP-S1 RC Socket Replacement

This guide shows you how to take out the RC Sockets from the Sony BDP-S1.

Written By: Jaden Laidig

INTRODUCTION

RC sockets are the red and white jacks in the back of the BDP-S1 that take in audio inputs. If one of them gets faulty, the circuit board needs to be removed in order for them to be replaced.
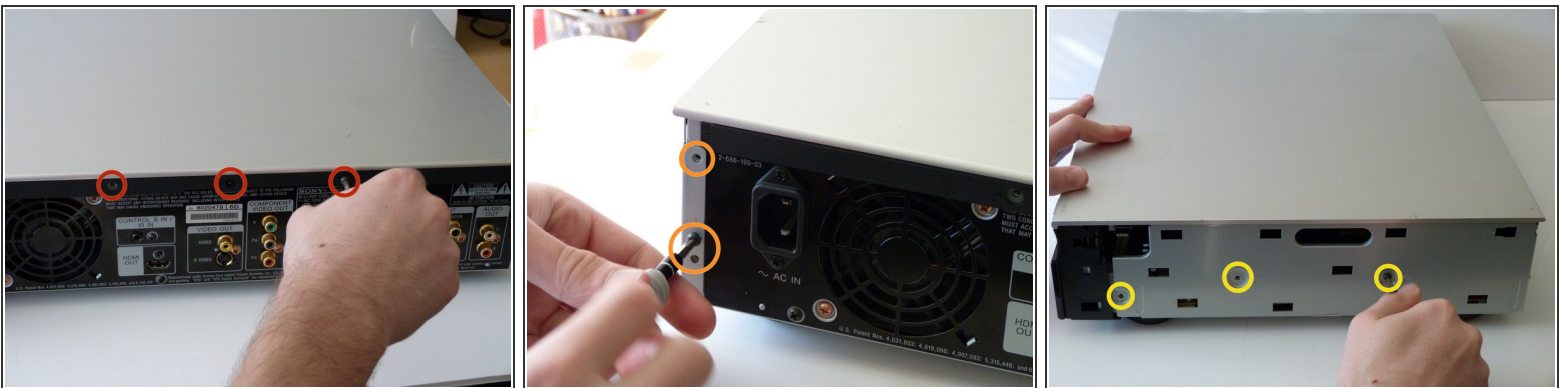
🔧 TOOLS:

- Phillips #0 Screwdriver (1)
- Soldering Workstation (1)
- Phillips #2 Screwdriver (1)

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## Step 1 — Sony BDP-S1: Getting inside the device

- Remove the 12mm screws with the Philips #2 screwdriver which keep the plastic panels in place.

- Don't forget, there are two more 12mm screws on the other side as well.

Step 2

- First, remove the three 12mm black screws holding the top panel on (Phillips #2).

- Then, remove the two 12mm black screws - one on each side of the back of the device - holding the top panel on.

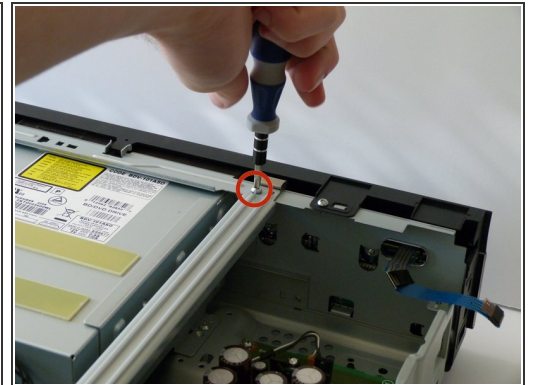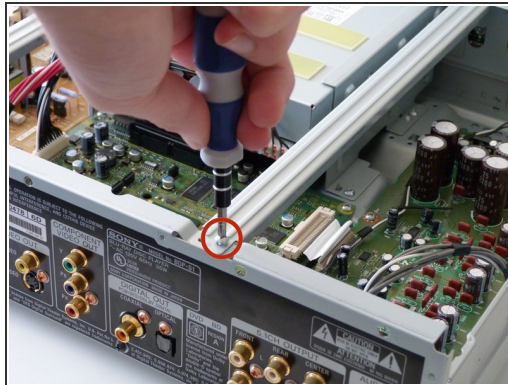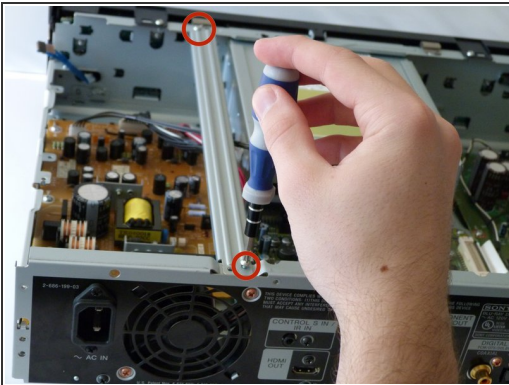- Lastly, remove the three 12mm black screws on each side of device.

Step 3
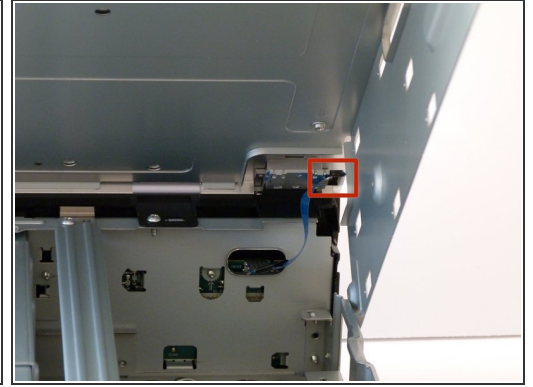
⚠️ Carefully lift up the top panel, because there are two blue ribbon cables that must be disconnected before removing the panel, and we do NOT want them to break.

● After gently disconnecting the two ribbon cables (you can just pull them out with your hand), take the top off and set it to the side.

Step 4

● After the top is off, you'll see that there are two metal bars that go across the top of the device.

● Remove each bar by unscrewing the two 10mm silver screws on each end.

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Step 5 — RC Socket

- These are the RC sockets. They are the audio output that sends a signal set of speakers.

- Unscrew the frame to access the circuit board.

- Remove the four screws circled in the figure using a Phillips #2 Screwdriver.

Step 6
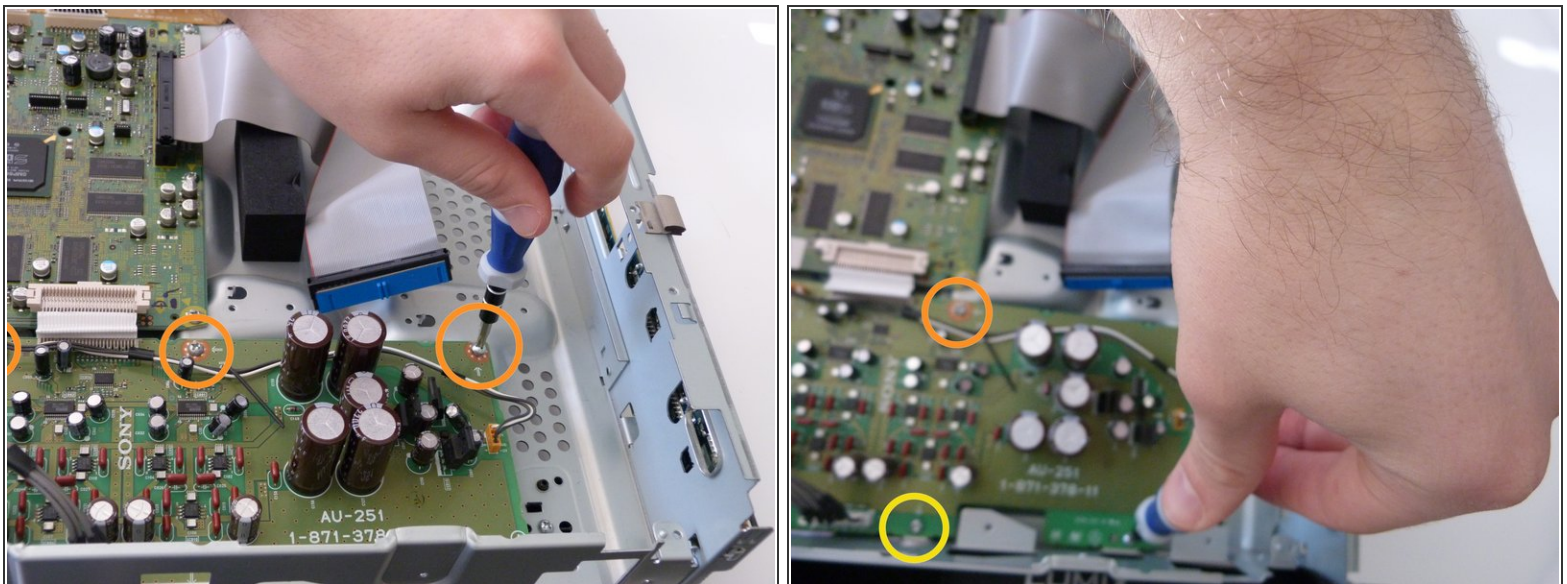
- White arrows point to the screws that are required for removal.

- Remove the three screws circled in orange with a Phillips #2 Screwdriver.

- Remove the three screws opposite to the orange screws with a Phillips #2 Screwdriver.

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Step 7

- Remove the cable ribbon that is attached to the motherboard.

- And voila! You have successfully taken out the circuit board.

- And here we see the solder that keeps the RC components strapped into the board. In order to get them off and put them back on, you'll need a soldering iron, wick, and solder itself.

- If you don't know how to solder properly, there are plenty of helpful guides online, such as this one. Make sure to remove the solder all the way before removing the RC jacks, otherwise you could hurt the board.

- Now you just have to take off the RC components, place the news ones in, and solder them into the board (again using a soldering guide if you need to).

- Good work! Now celebrate by listening to your favorite movie!

When reassembling your device, solder in any RC components needed and then follow these instructions in reverse order.