



Sony BDP-S1 RC Socket Replacement

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

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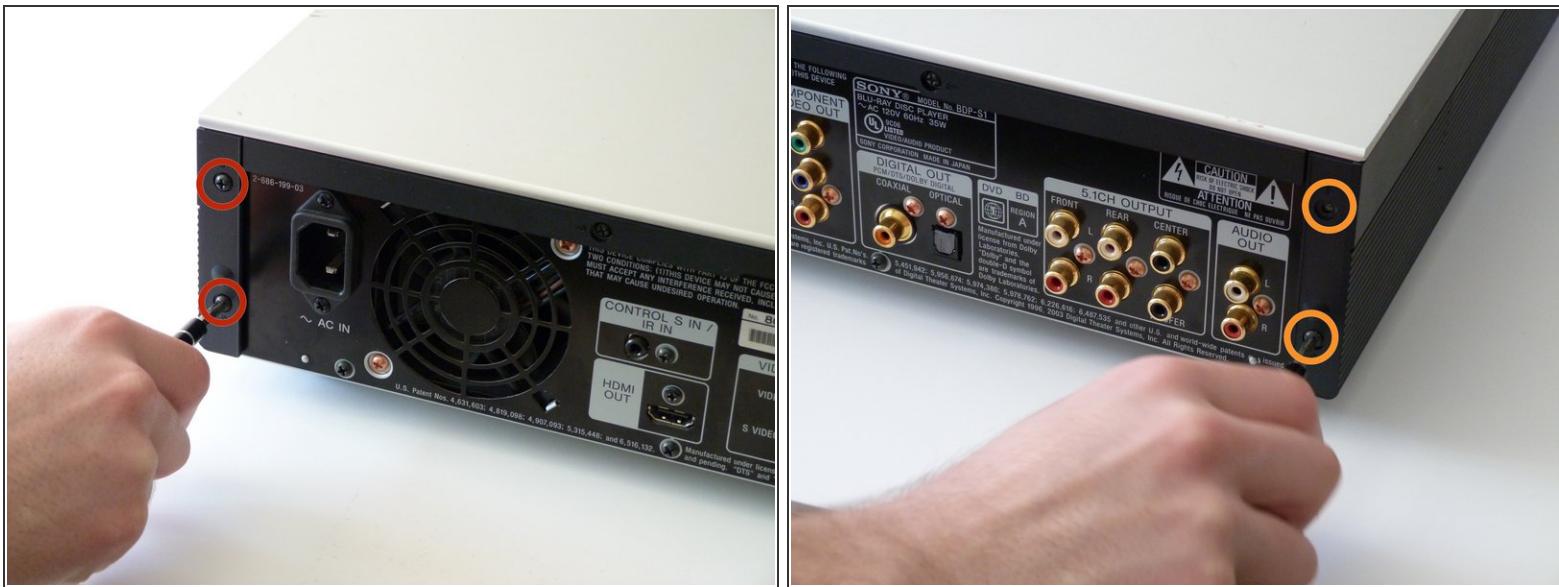
INTRODUCTION

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)

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.

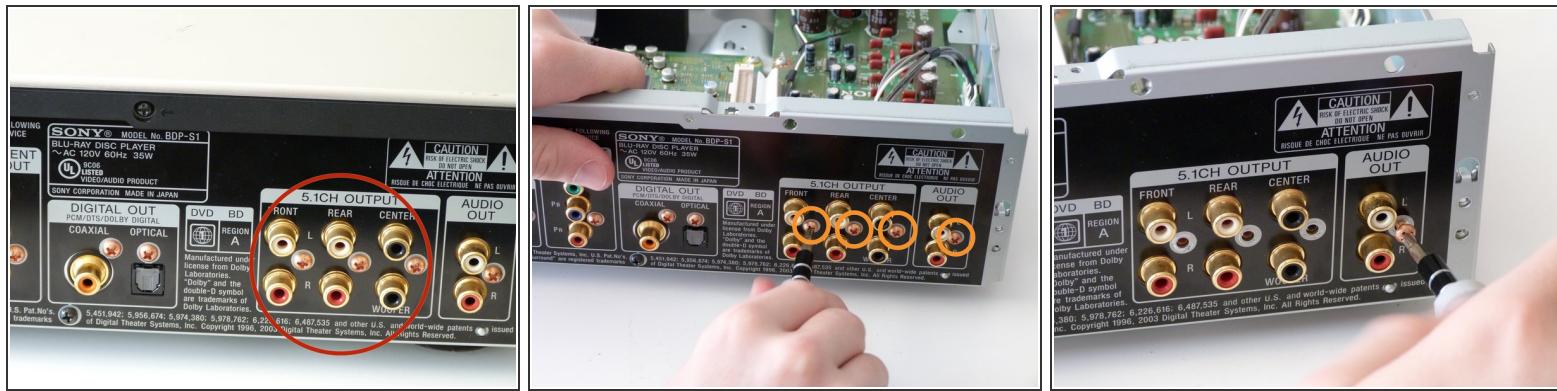
- After gently disconnecting the two ribbon cables (you can just pull them out with your hand), take the top off and set it to the side.

Step 4



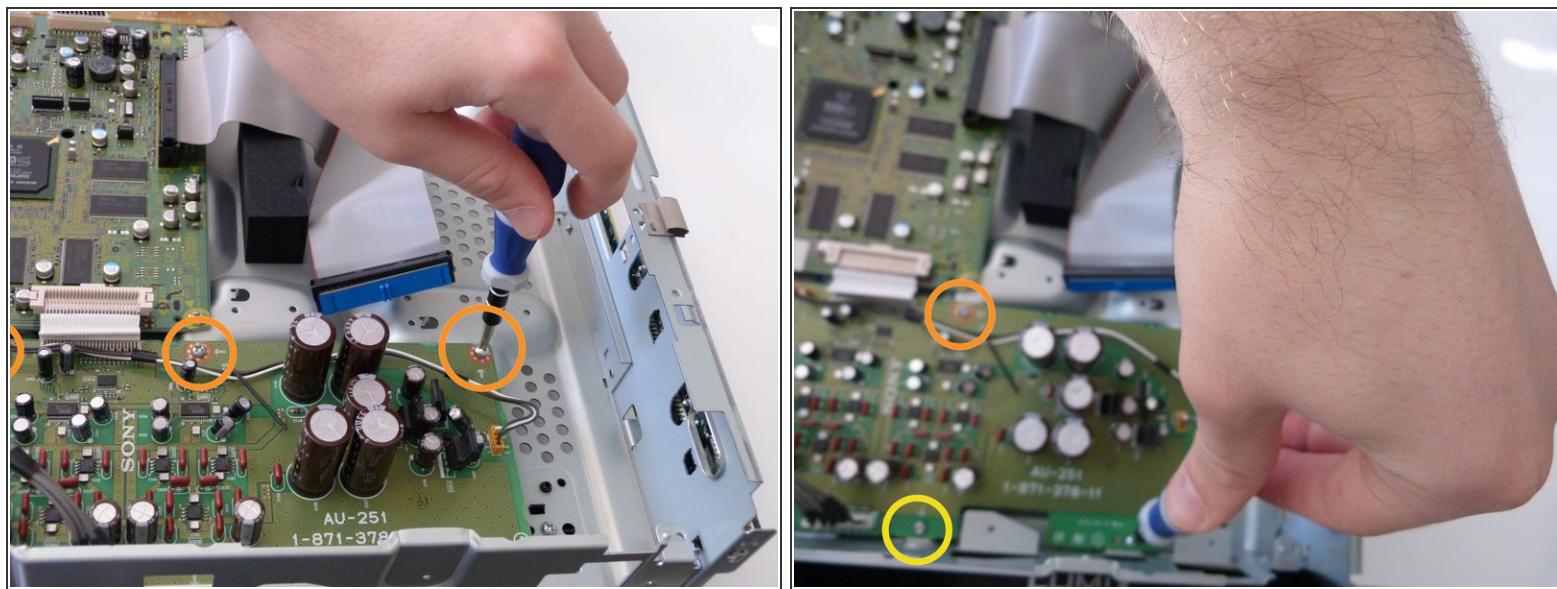
- After the top is off, you'll see that there are two metal bars that go across the top of the device.
- Remove each bar by unscrewing the two 10mm silver screws on each end.

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.

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 new 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.