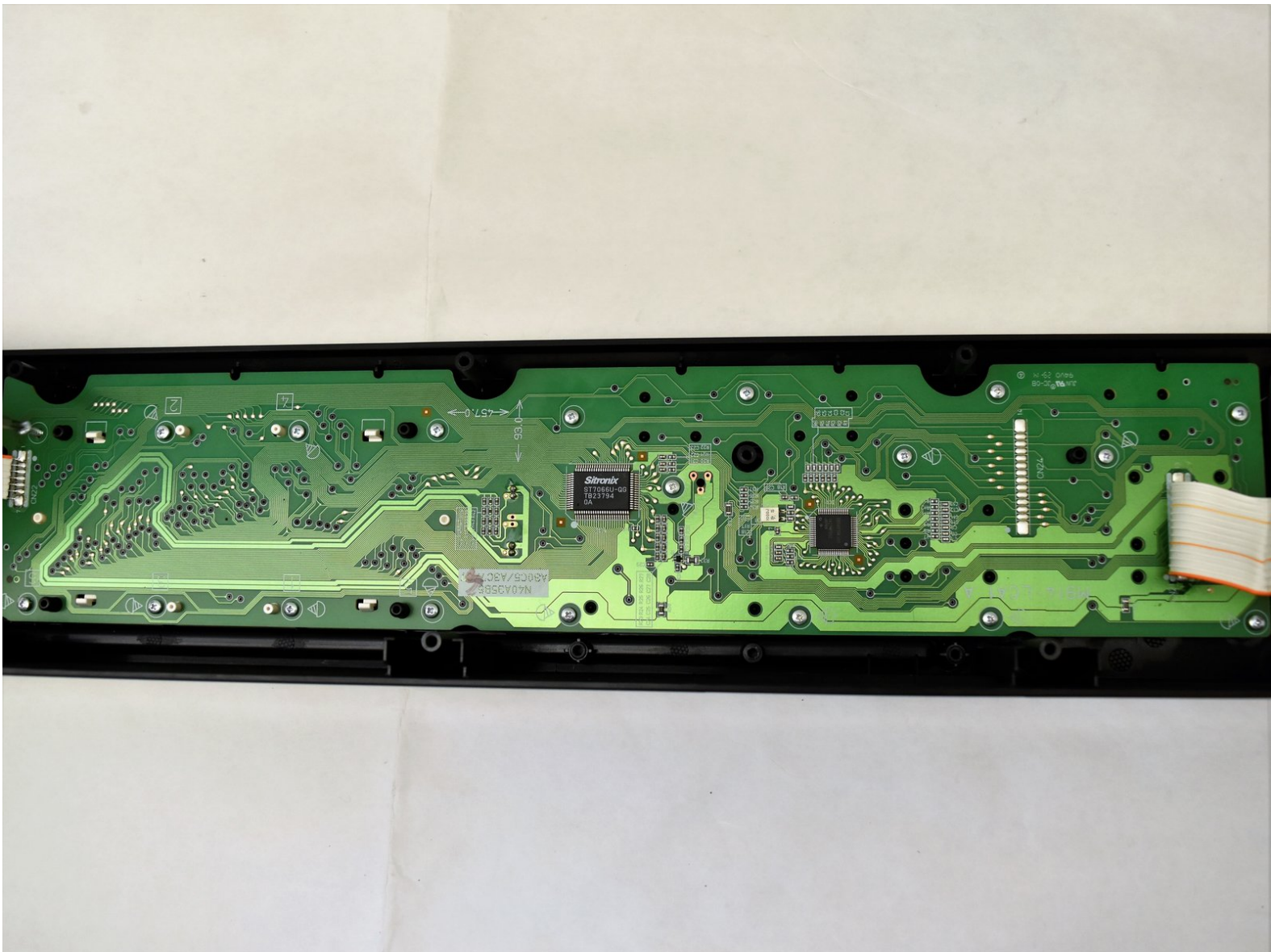




CASIO CDP-230R Button Panel Replacement

How to replace the button panel on the CASIO CDP-230R.

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INTRODUCTION

In this guide, we will teach you how to replace the button panel on the CASIO CDP-230R. To replace the button panel, there are two circuit boards that will be removed. One circuit board is green and the other is yellow.

TOOLS:

- JIS #1 (1)

Step 1 — Panels



- Flip the keyboard upside down, with the keys on a flat surface.
- Remove the three black 14mm Japanese Industrial Standard (J) head screws using a J1 screwdriver on the top half of the outermost side panel.

Step 2



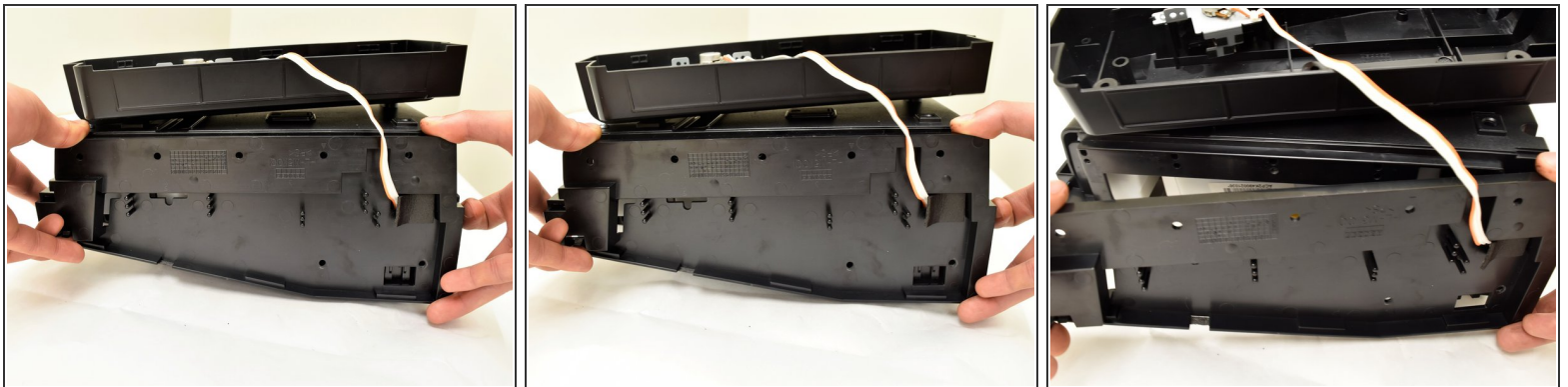
- Use two hands to grab the side panel from both sides.
- Pull the panel apart from the device one side at a time.
- i** There will be popping sounds when you remove this panel.
- i** One side panel will not have an orange & white cable connected to it.

Step 3



- Remove the three silver 10mm screws with a J1 screwdriver on the bottom half of the innermost side panel of the device.
- ⓘ One side panel will not have an orange & white cable running through.

Step 4



- Remove the innermost side panel by pinching the top and bottom of the panel and pulling the panel off with both hands.
- ⓘ There will be popping sounds when you remove this panel.
- ⓘ Repeat steps one through four to remove the other side panel of the keyboard.

Step 5



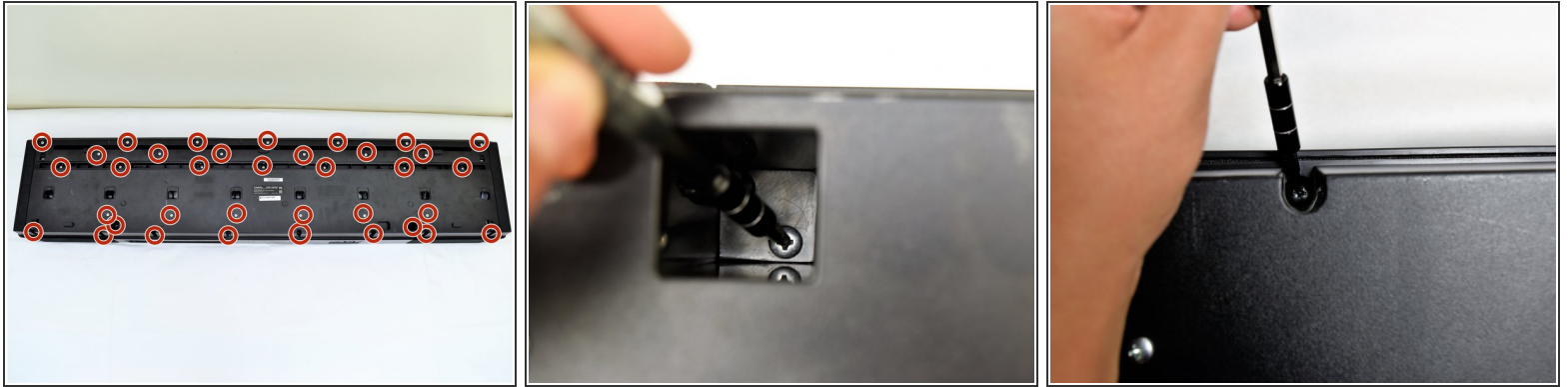
- Remove the two black 30 mm J head screws with a J1 screwdriver to remove the long black bar.
 - Remove the four silver 8mm x 2mm J head screws with a J1 screwdriver and the two brackets from the back panel.
- i** There will be two screws per bracket.

Step 6



- Remove the eight silver 10mm x 1.5mm J head screws with a J1 screwdriver and the square tabs from the back panel.
- Remove the eight silver 10mm J head screws with a J1 screwdriver underneath the square tabs.

Step 7



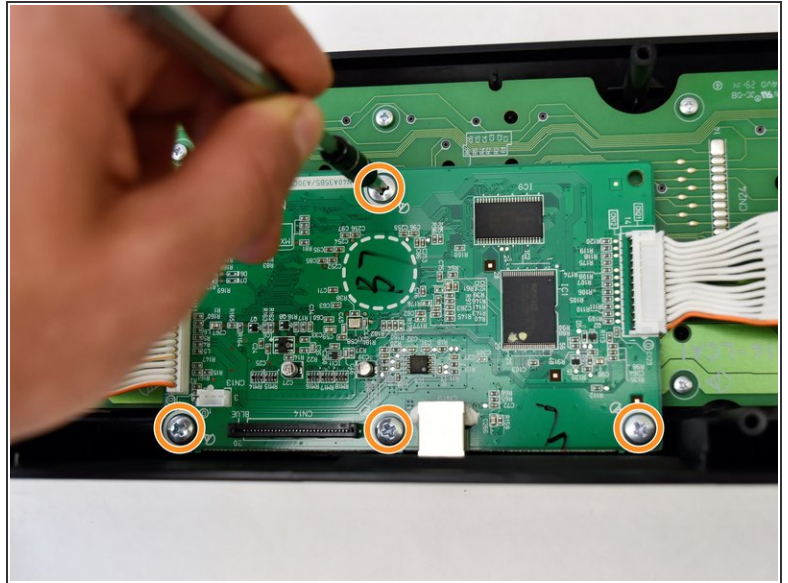
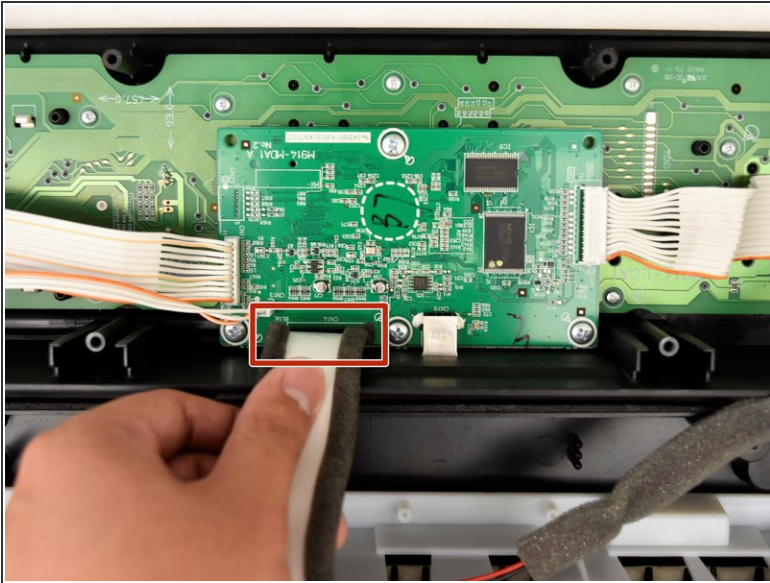
- Remove the 36 silver 10mm J head screws with a J1 screwdriver from the back panel.

Step 8



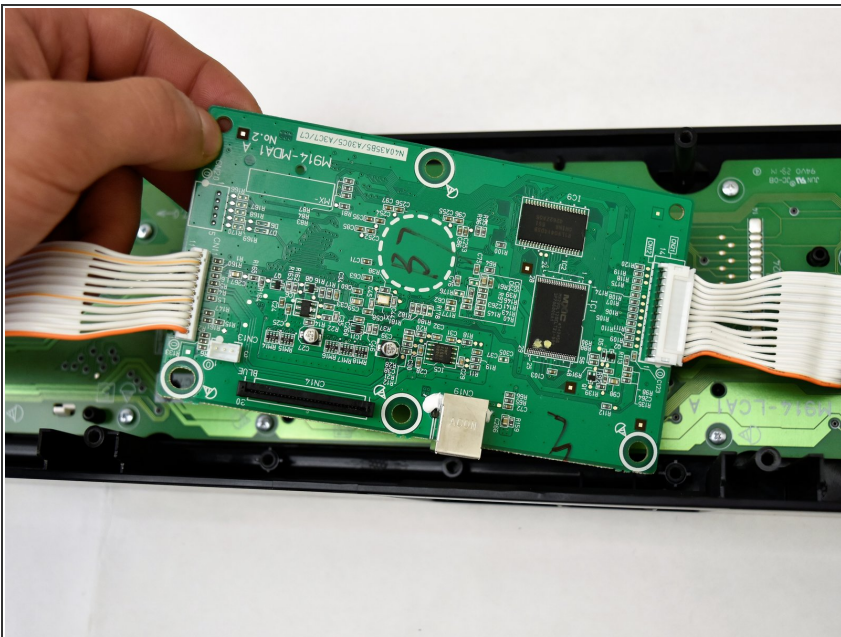
- Place a hand on the front panel and speakers and carefully flip the keyboard over with the keys facing up.
- ⓘ Having a extra pair of hands will be useful.
- Grab the center of the front panel with two hands and lift to remove panel.
- Grab the speakers from the sides and lift to remove. Once you have done this for the first speaker, repeat with the second speaker.

Step 9 — Main Circuit Board



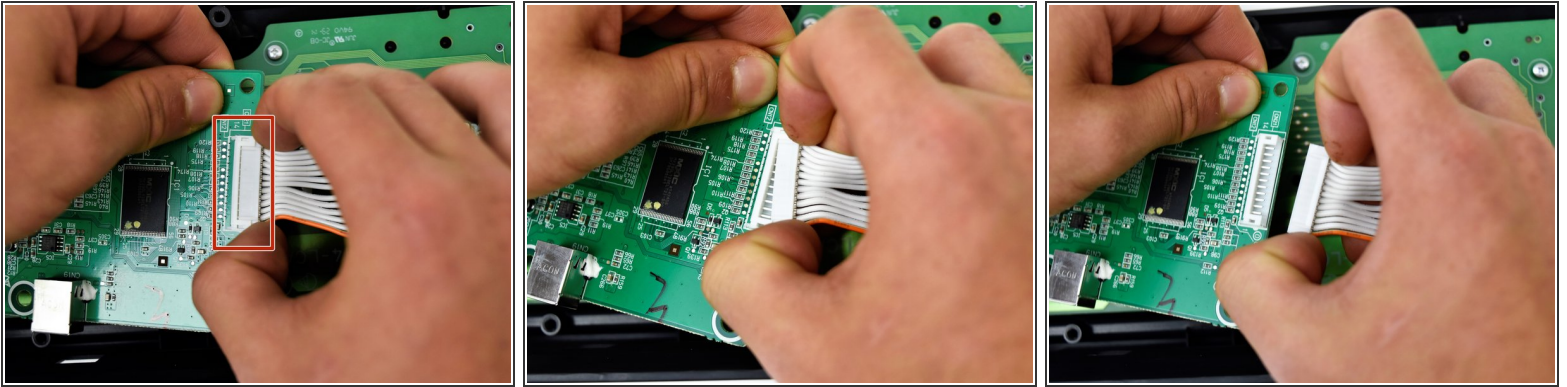
- The main circuit board is located on the green side of the button panel. The main circuit board is the smaller green board.
- Grasp the white ribbon lined with foam and pull up to remove from the main circuit board.
- Remove the four silver 8mm x 2mm J head screws with a J1 screwdriver.

Step 10



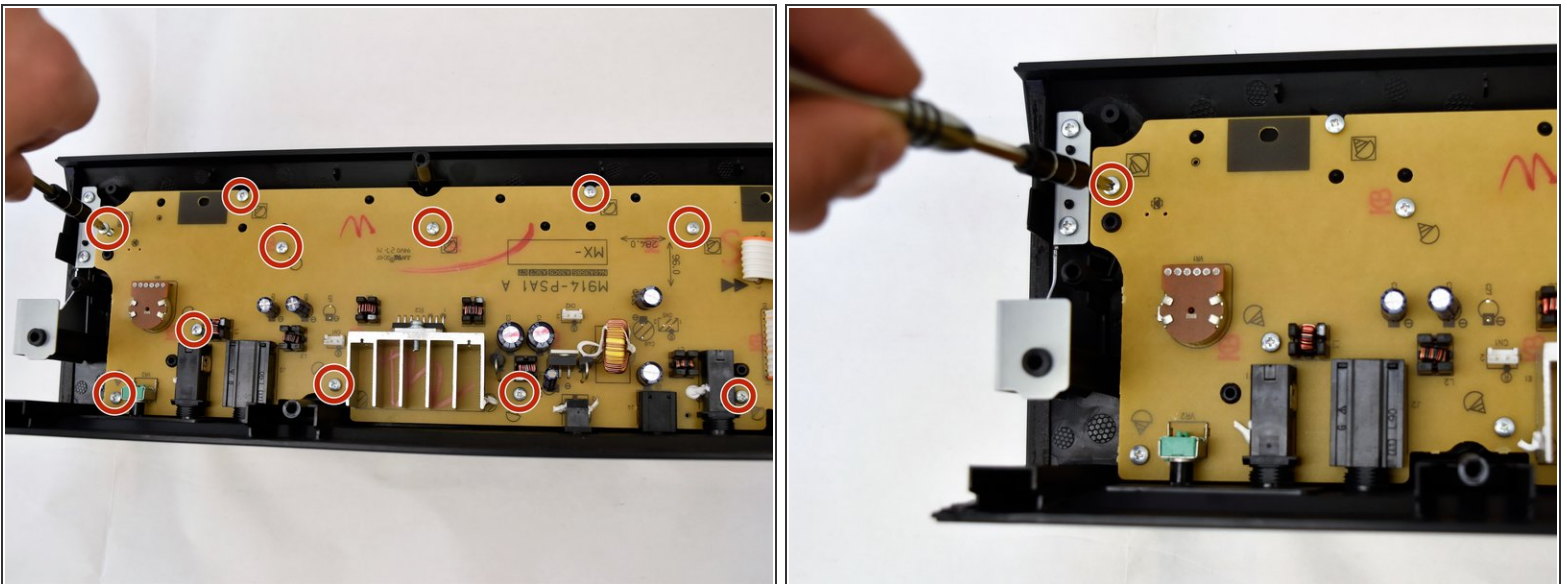
- Lift the main circuit board from the button panel.

Step 11



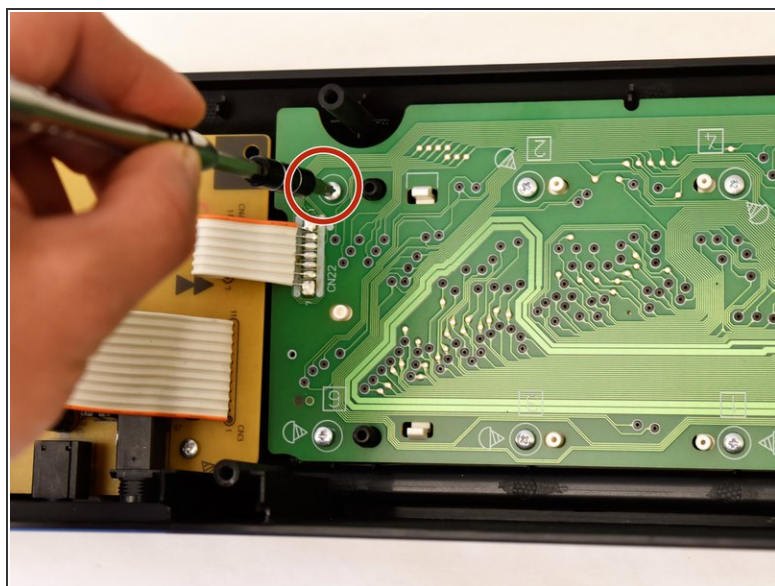
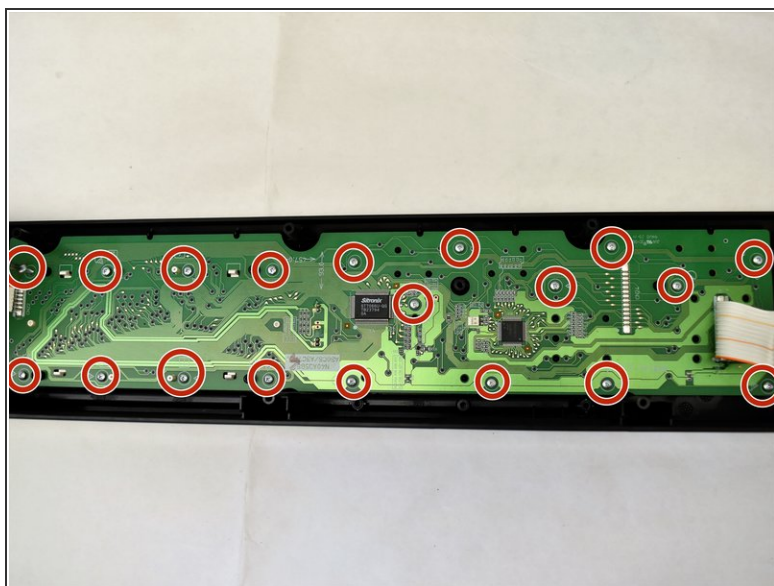
- Grip the white plastic end of the orange and white cables that is attached to the right side of the main circuit board and pull to the right.
- Repeat for the orange and white cables attached to the left side of the main circuit board and pull up.

Step 12 — Button Panel



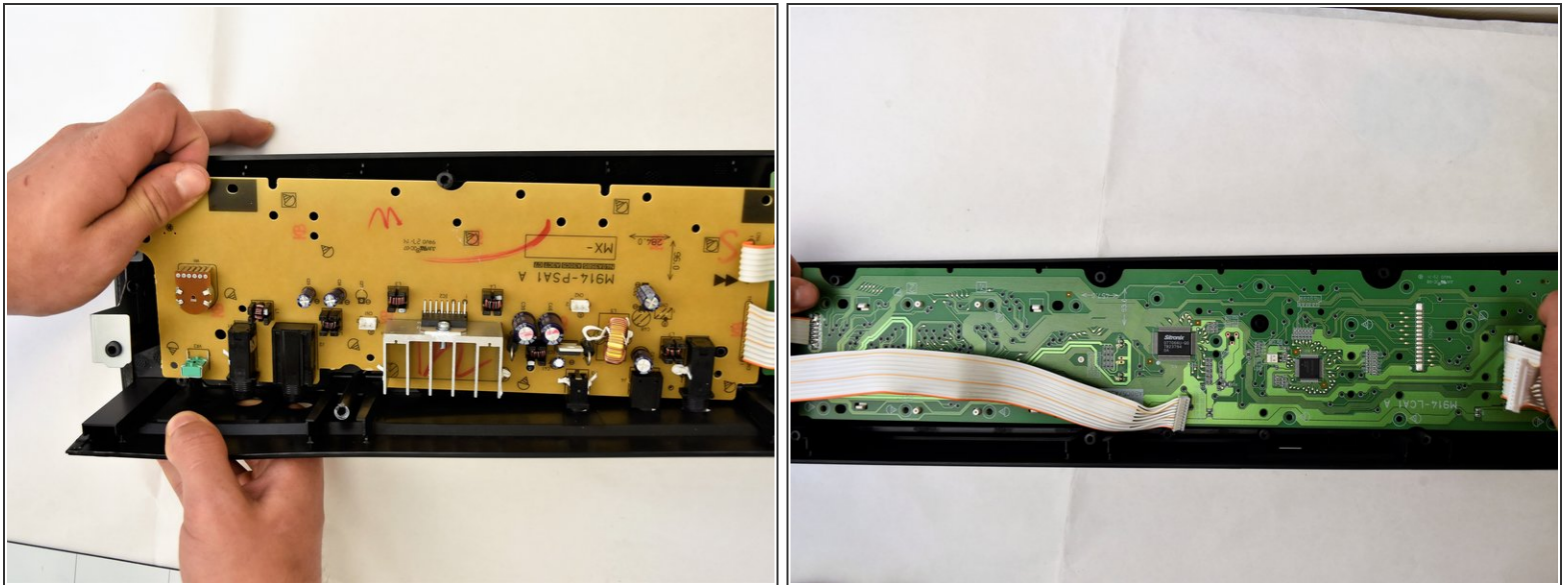
- Remove the 11 7.5mm J head screws from the yellow button panel by using a J1 screwdriver.

Step 13



- Remove the 19 9mm J head screws from the green button panel by using a J1 screwdriver.

Step 14



- Lift the yellow side of the button panel first, then lift green side to remove the entire button panel together.
- ⓘ The yellow button panel will make a pop sound when removing it.
- ☞ The volume knob will come off with the yellow circuit board. To place the knob back, snap it back into the socket on the outside of the front panel.

To reassemble your device, follow these instructions in reverse order.