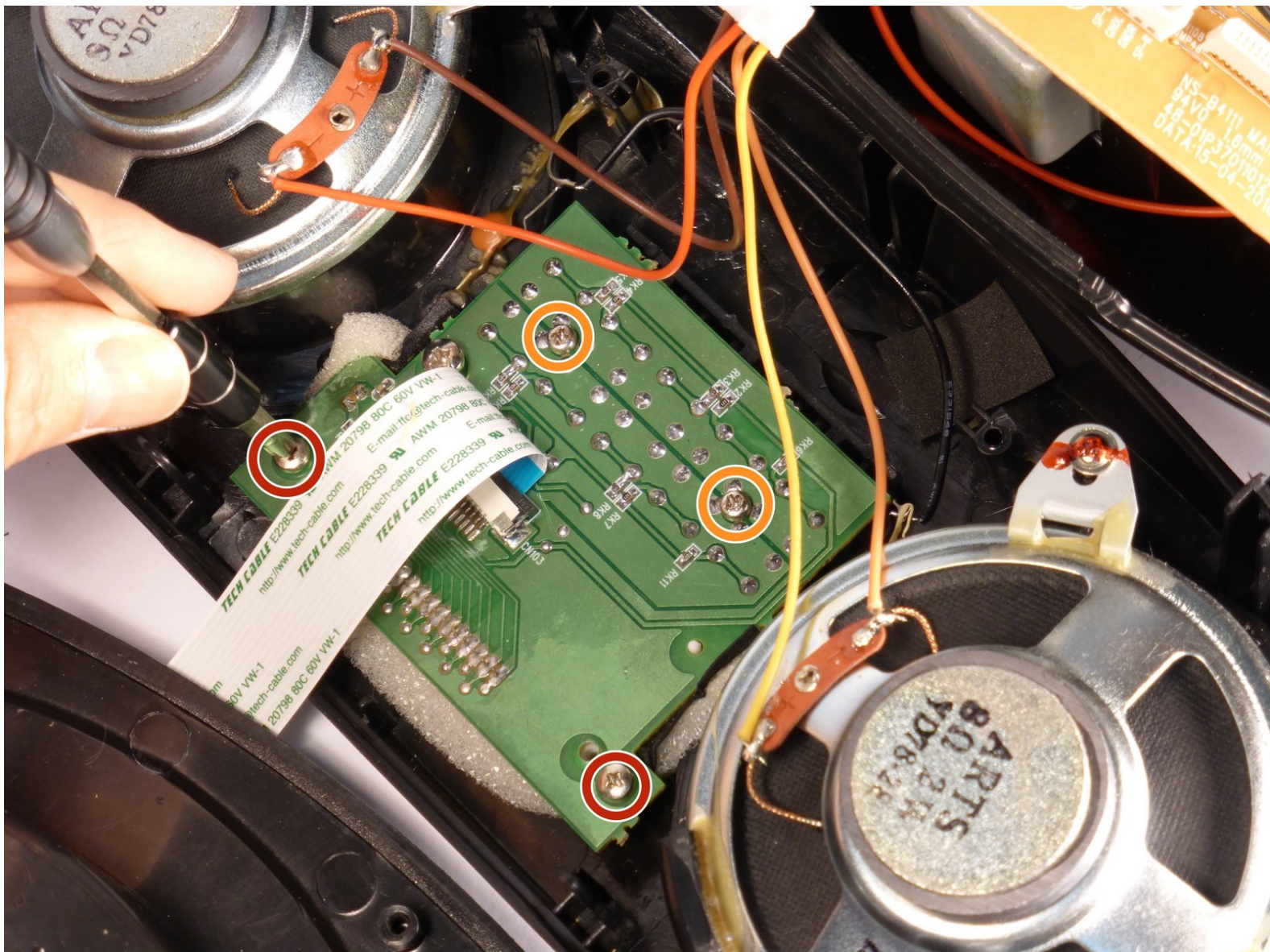# IFIXIT

Insignia NS-B4111 Switchboard Replacement

Replace your NS-B4111 front panel board to fix the screen or buttons.

Written By: Sabuk Ketvirtis

INTRODUCTION

This guide will teach you how to replace your switchboard incase any buttons on your device aren't working.

🔧 TOOLS:

- Soldering Iron (1)
- 64 Bit Driver Kit (1)

Step 1 — Battery

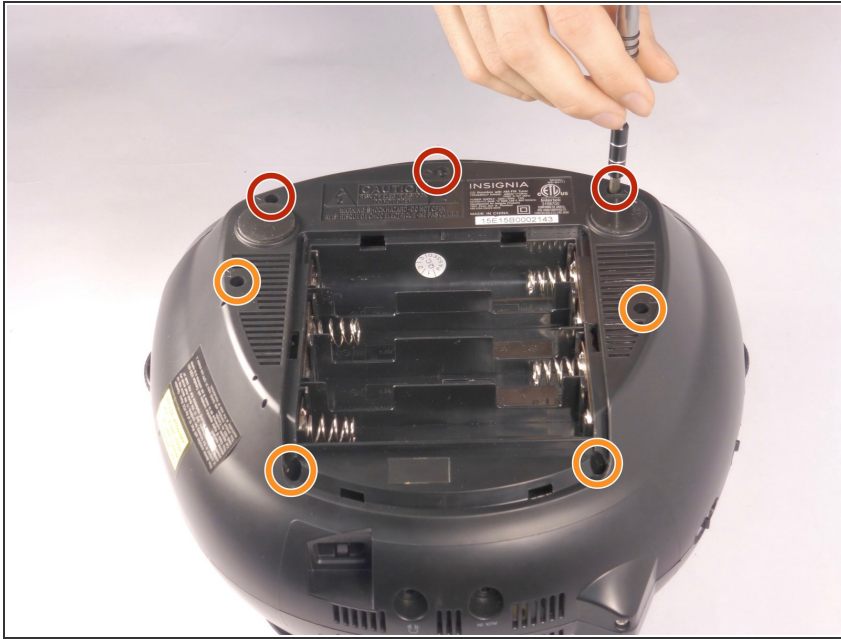
- Unplug and remove the power cord. Turn the boombox upside down.

- Grip the sides of the case and use your thumbs to pop open the battery cover.
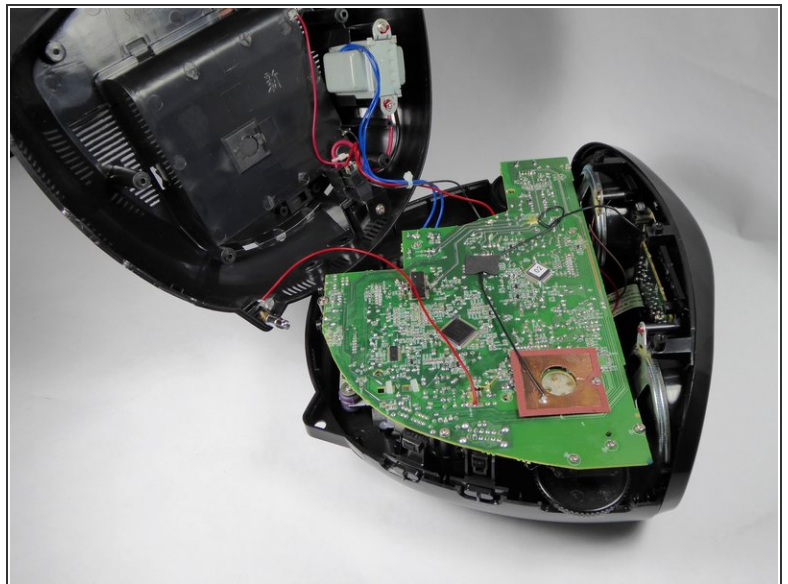
Step 2

- Pry out the batteries with your fingers.

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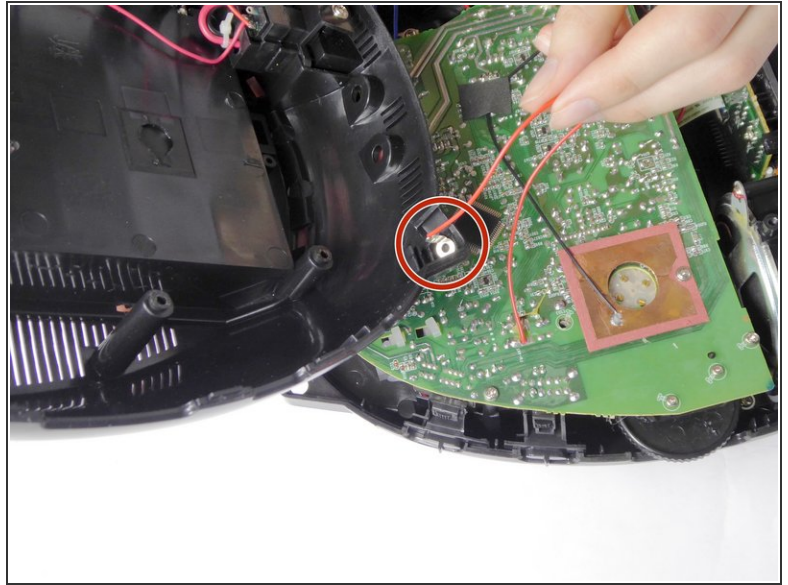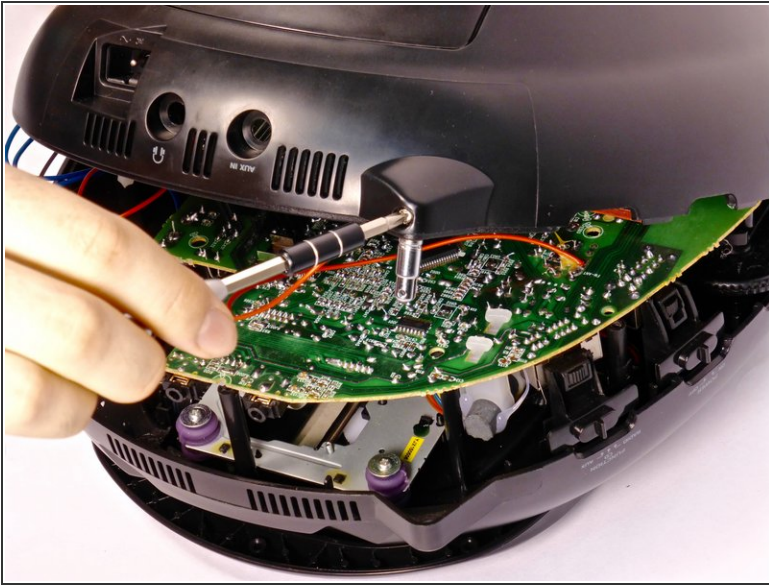
Step 3 — Casing

- Turn the boombox upside down again. With the Phillips PH1 or the Flathead #3 screwdriver, remove the three 14mm black screws.

- Remove the four 18mm chrome screws with the Phillips PH1 screwdriver.
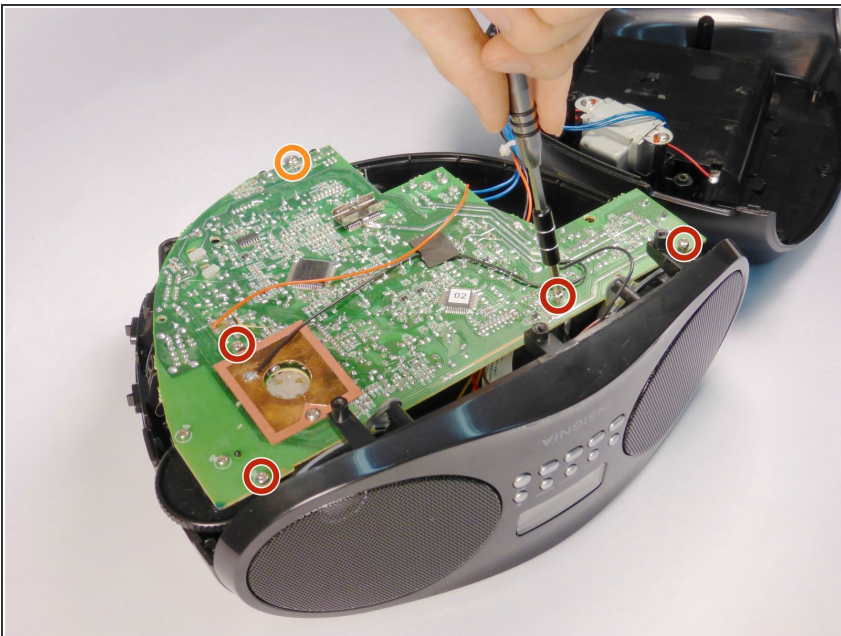
Step 4

- Gently remove the bottom half of the casing from the top half of the casing.

- ⓘ The antenna base is connected to the motherboard by a red wire. This wire will prevent the two halves from separating completely.

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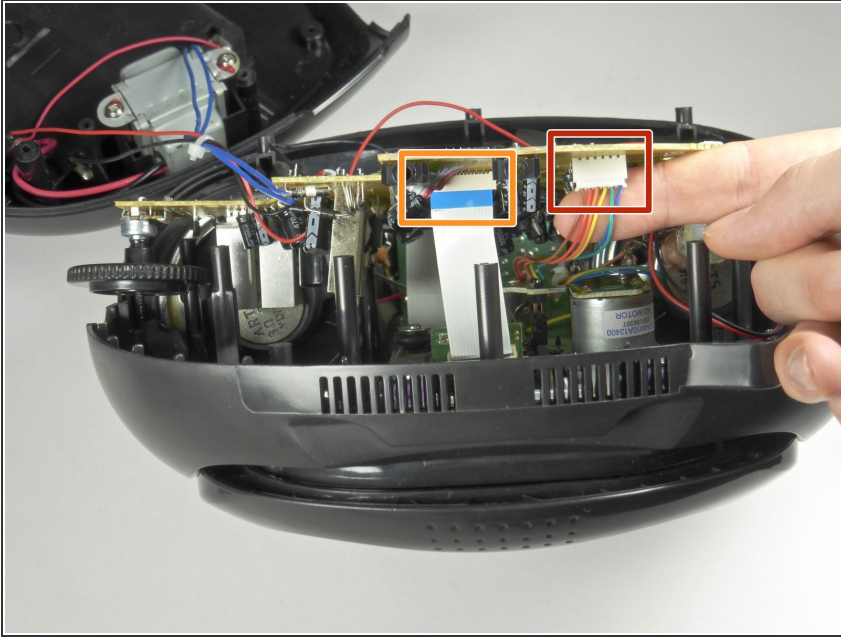
Step 5 — Antenna Base

- Remove the 10mm chrome screw from the antenna base with the Phillips PH1 screwdriver. Remove the antenna base from the casing.

- This red wire will now be loose and you can move it out of the antenna base slot.
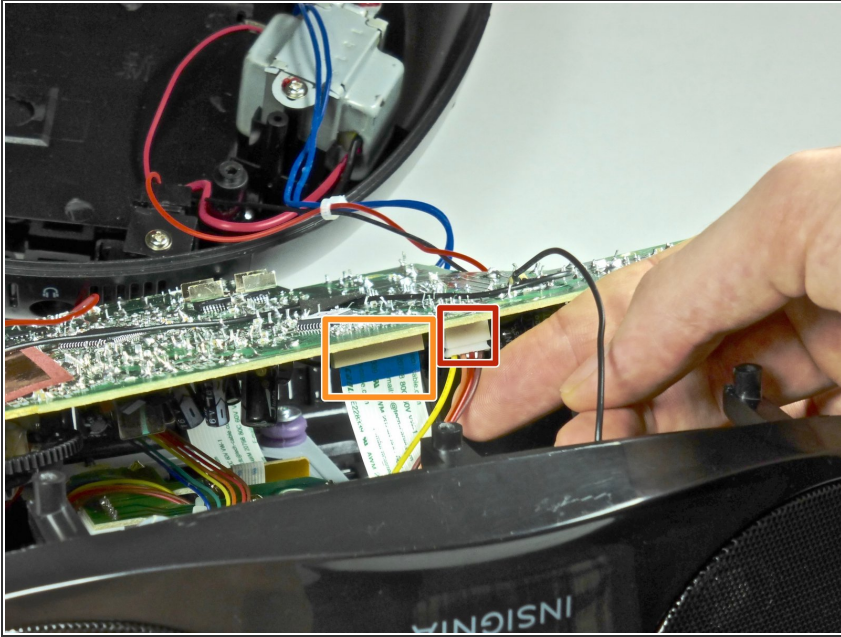
Step 6 — Motherboard

- Unscrew the four 12.5mm screws with the Phillips PH1 Screwdriver.

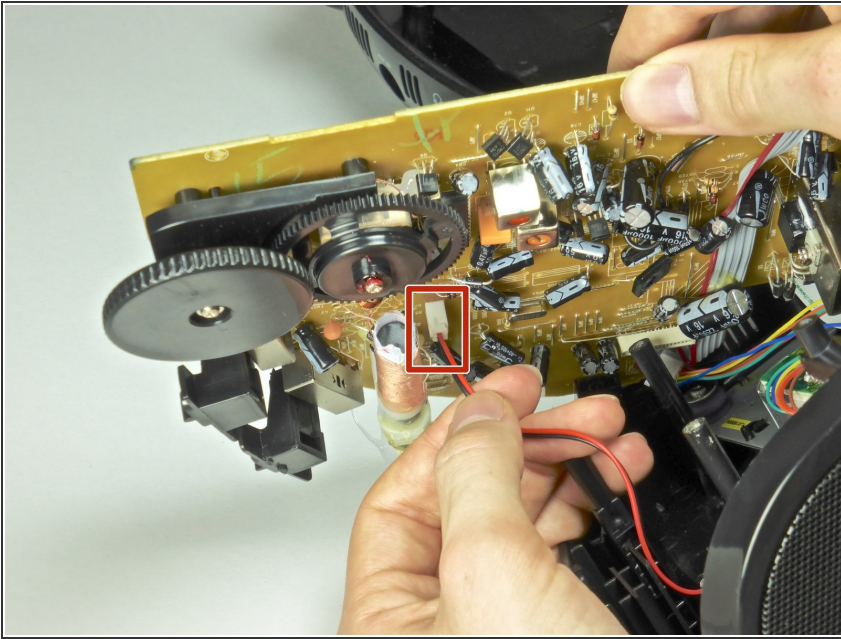- Unscrew the one 10mm long screw with the Phillips PH1 Screwdriver.

Step 7

- Orient the device so that the back is facing you.

- Unplug the six pin male/female header from its socket on the motherboard. The wires on the header are these colors: burgundy, red, orange, yellow, green, and blue.

  - (i) Use a tweezer if you find it hard to pull the header out with your fingers.

- Gently pull out the ribbon cable from its socket on the motherboard.

- ⚐ Pay attention to the orientation of the header and the ribbon cable. Replacing the wires the wrong way may short circuit the board.
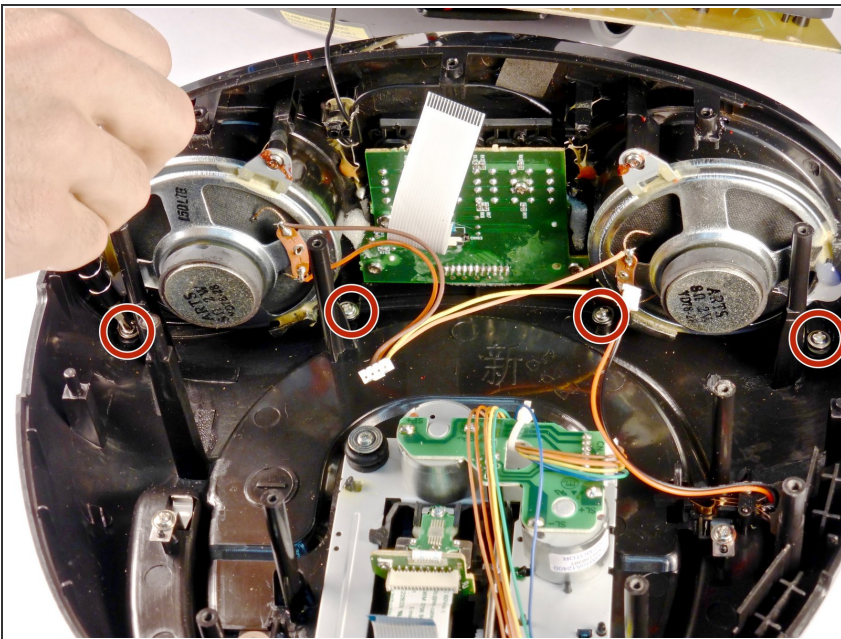
Step 8

- Rotate the device so that the front is facing you.

- Unplug the four pin header from its socket on the motherboard. The wires on the header are these colors: brown, red, orange, and yellow.

  - ⓘ Use a tweezer if you find it hard to pull this header out with your fingers.

- Gently pull out the ribbon cable from its socket.

- 📌 Pay attention to the orientation of the header and the ribbon cable. Replacing the base the wrong way may short circuit the board.

Step 9

- Pull out the two pin header from its socket on the motherboard. The wires on this header are black and white.

- (i) Use a tweezer if you find it hard to pull this cable out with your fingers.
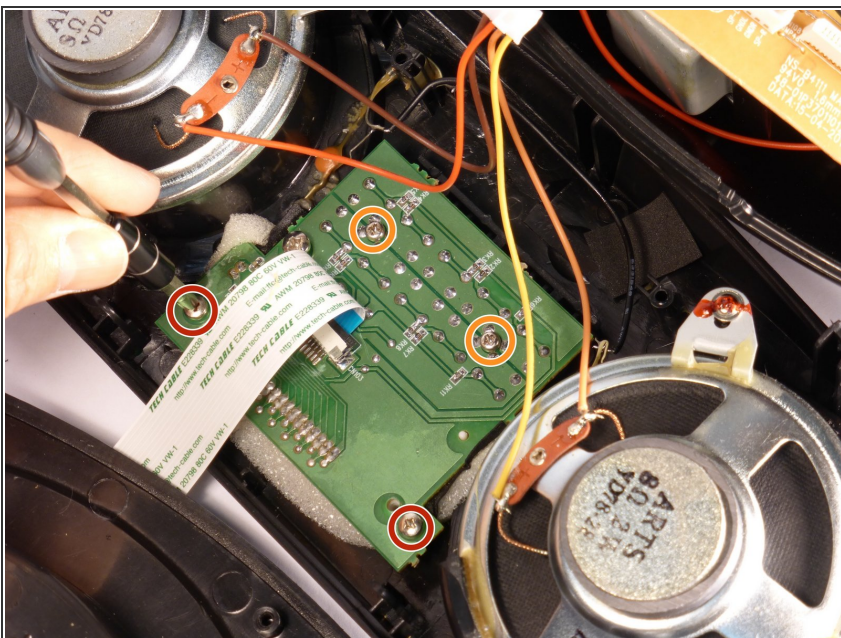
Step 10 — Front Panel

- Remove the four 8.5mm chrome screws from the front panel with the Phillips PH1 screwdriver.

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Step 11

- Remove the front panel from the top casing.

Step 12 — Switchboard

- Remove the 10.5 mm screws in the corners with the Phillips PH1 screwdriver.

- Remove the two 10.5 mm screws near the center of the board with the Phillips PH1 screwdriver.

Step 13

- Lift the board to remove it from the front panel.

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

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