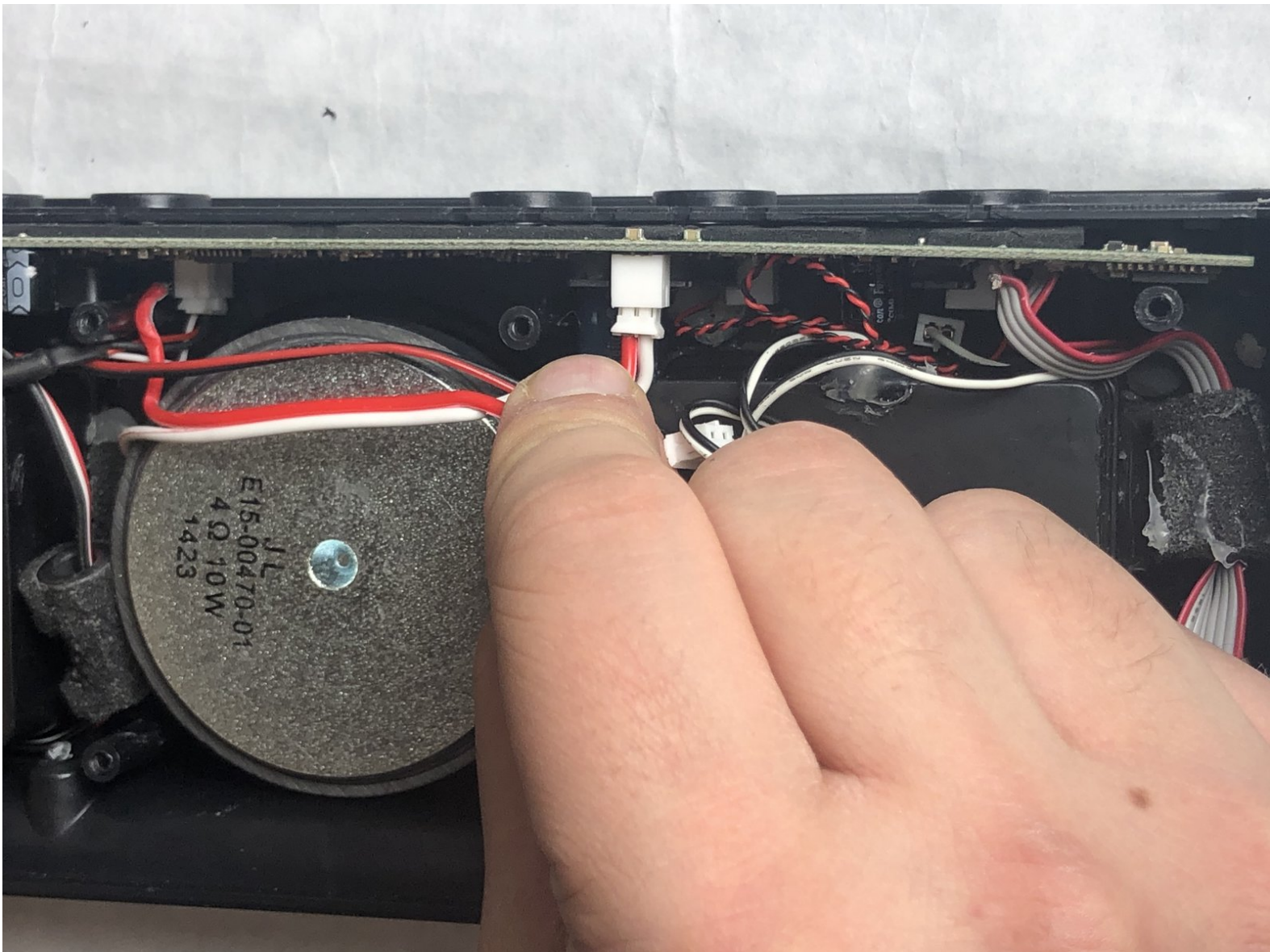




# TDK Life on Record Trek Max A34 Motherboard Replacement

This guide will provide the user a step by step guide to replace the motherboard in your TDK Life on Record Trek Max A34.

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## INTRODUCTION

The motherboard is an essential part of the device because it contains several sockets and slots, which holds and allows all the circuitry in the device, to connect to other various components throughout the device. Because the motherboard plays such a crucial role, this guide was created to provide step by step instructions to assist the user in replacing the motherboard.



### TOOLS:

- [Phillips #0 Screwdriver](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [Metal Spudger](#) (1)
- [T6 Torx Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)



### PARTS:

- [Motherboard life on trek A34](#) (1)

## Step 1 — Battery



- Flip your device upside down so the battery cover is facing upwards.
- Using the Torx T6 screwdriver, remove all seven 6 mm Torx screws that are located along the perimeter of the battery cover.

## Step 2



- Use the metal spudger prying tool to gently pry off the battery cover.
- The battery should now be exposed.

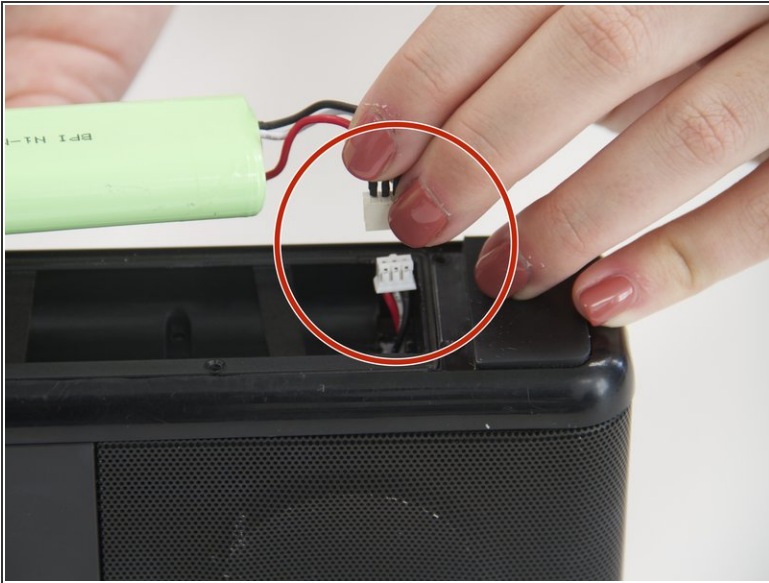
## Step 3




- Starting from where the wires are connected, gently pull the battery out of the device.




## Step 4



- Unplug the battery from the device by detaching the wires at the white connection box.

 Detaching the wires may require some force.

 Be careful not to rip the wires out of the device or the battery.

## Step 5



- The battery is now separated from the device and may be replaced with a new battery.

## Step 6 — Large Speaker



- Turn over the device so the bottom is facing up. Remove the screws of the battery cover using the iFixit TR7 screwdriver.
- Remove the battery cover by pulling up where the screws should go.

## Step 7



- Carefully unplug and remove the battery.
- Use the metal spudger to pry off the rubber bumpers from the bottom of the speaker.

## Step 8



- Use a Phillips #00 screwdriver to remove the screws that were underneath the rubber bumpers.
- Remove the battery holder. Be sure to thread the exposed wires through the hole within the holder.



## Step 9



- Use a metal spudger to pry off the front and back mesh screens.
- ⓘ You may need to move the metal spudger along the edge of the screen to remove it more easily.

## Step 10



- Turn the speaker back upright. Use the metal spudger to pry up the rubber cover to reveal the buttons underneath.

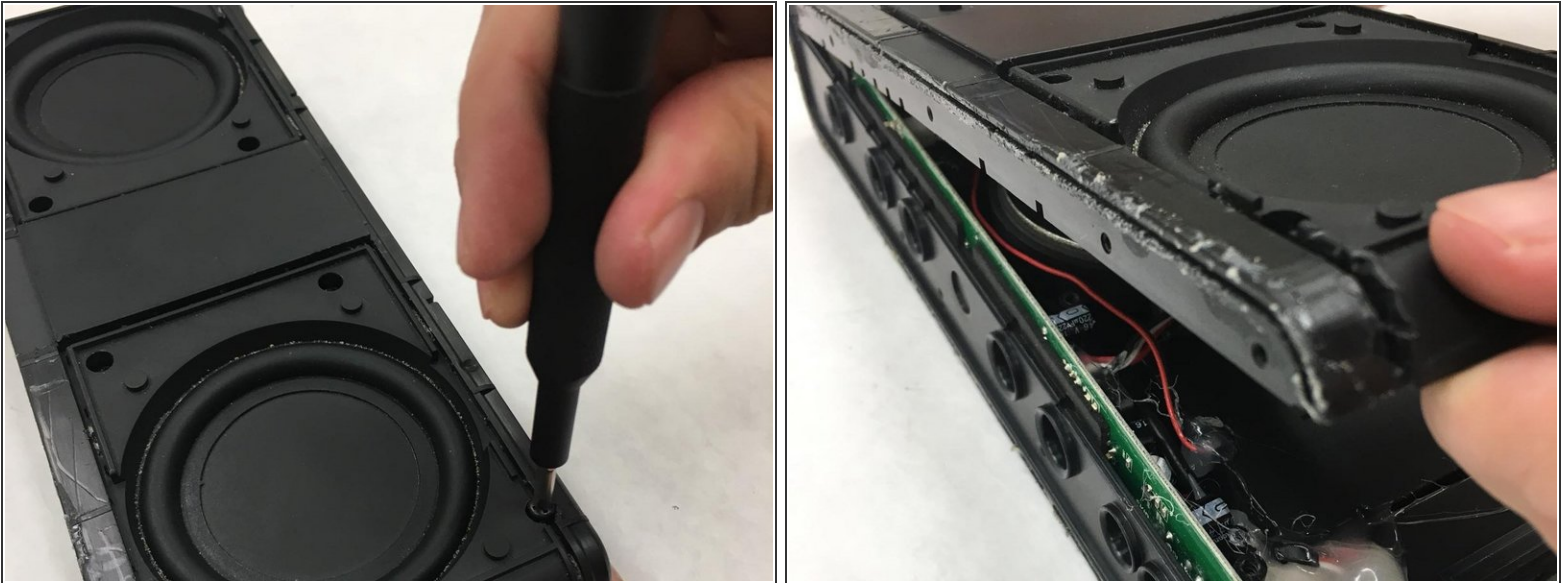


## Step 11



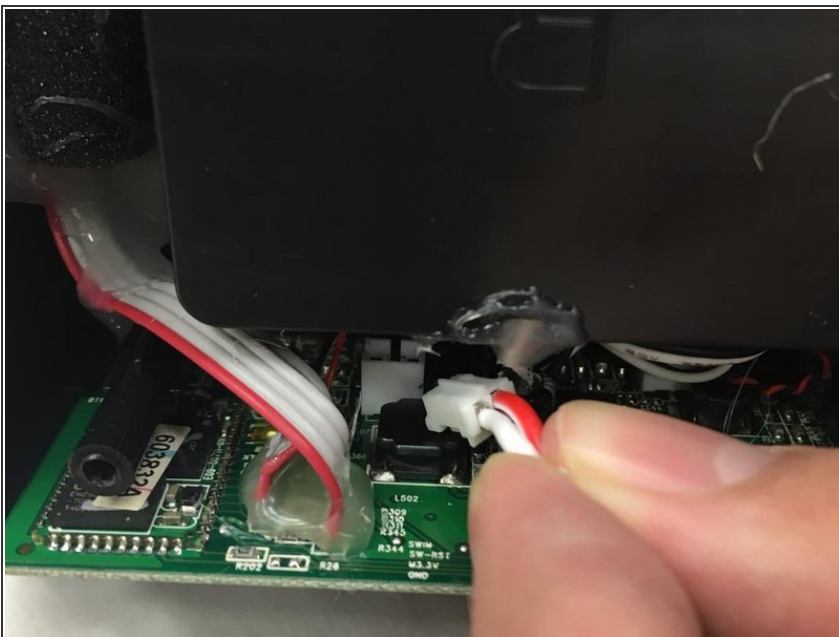
- Use a Phillips #00 screwdriver to remove the screws that hold the top cover in place.
- Remove the top cover.

## Step 12



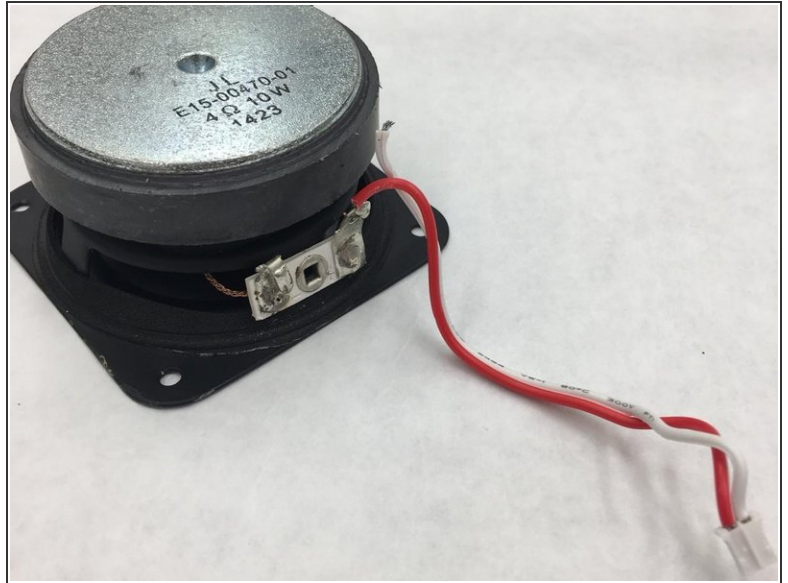
- On the backside of the device, remove the screws using the Phillips #0 screwdriver.
  - ❗ Only the screws on the backside are needed to hold the frame together. Do not remove screws on the front.
- Once the screws are removed, separate the two frame pieces.

## Step 13



- Within the device, there is a single cable connecting the large speaker to the motherboard. Unplug this cable.

## Step 14



- On the front of the device, use the Phillips #0 screwdriver to remove the four screws holding the speaker in.
- Once the screws are removed, you are able to push the speaker out from behind.

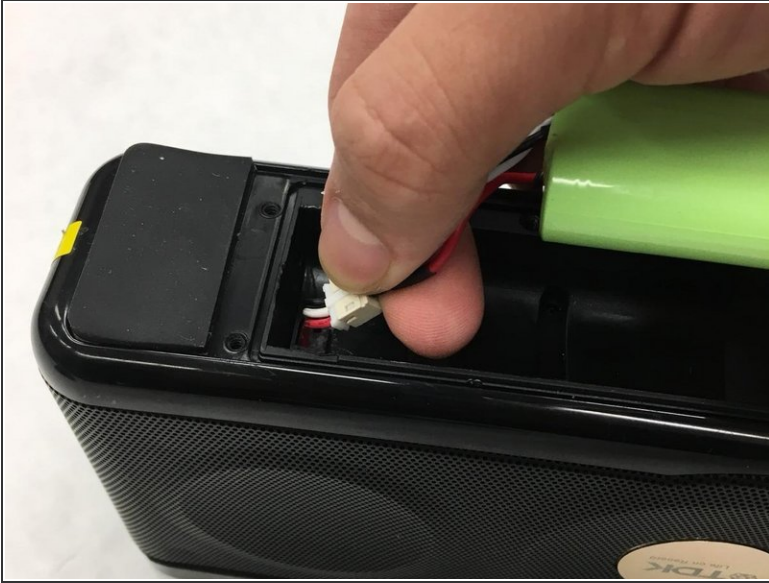


## Step 15 — Small Speaker



- Use a TR7 screwdriver to remove the screws from the battery cover located on the underside of the device.
- Remove the battery cover.

## Step 16



- Unplug and remove the battery.
- Use a metal spudger to pry off the rubber padding.

## Step 17



- Use a J00 screwdriver to unscrew the screws that are under the rubber pads.
- Remove the battery holder and be sure to thread the wires through the hole within the part.

## Step 18



- Use a metal spudger to pry off the front and back mesh screens.
- ⓘ You may need to move the metal spudger along the edge of the screen to remove it easier.

## Step 19



- Use the a metal spudger to pry up the rubber cover on the top surface of the device.
- Peel off the rubber cover and reveal the buttons and screws underneath.

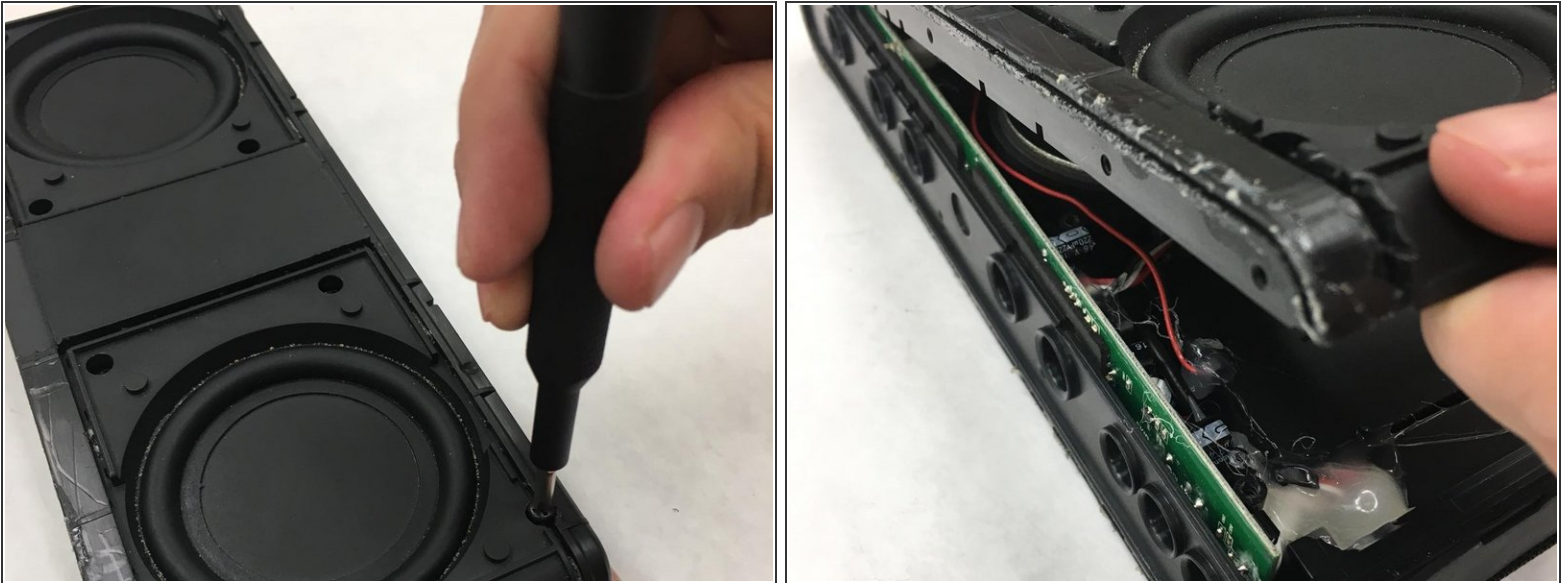


## Step 20



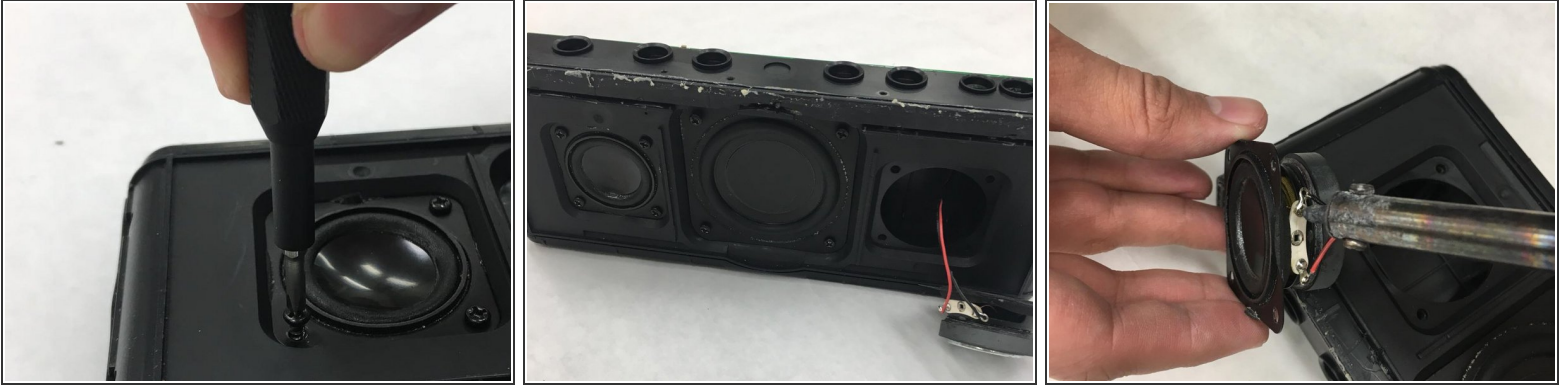
- Use a J00 screwdriver to unscrew the screws that hold the top cover in place.
- Remove the top cover.

## Step 21



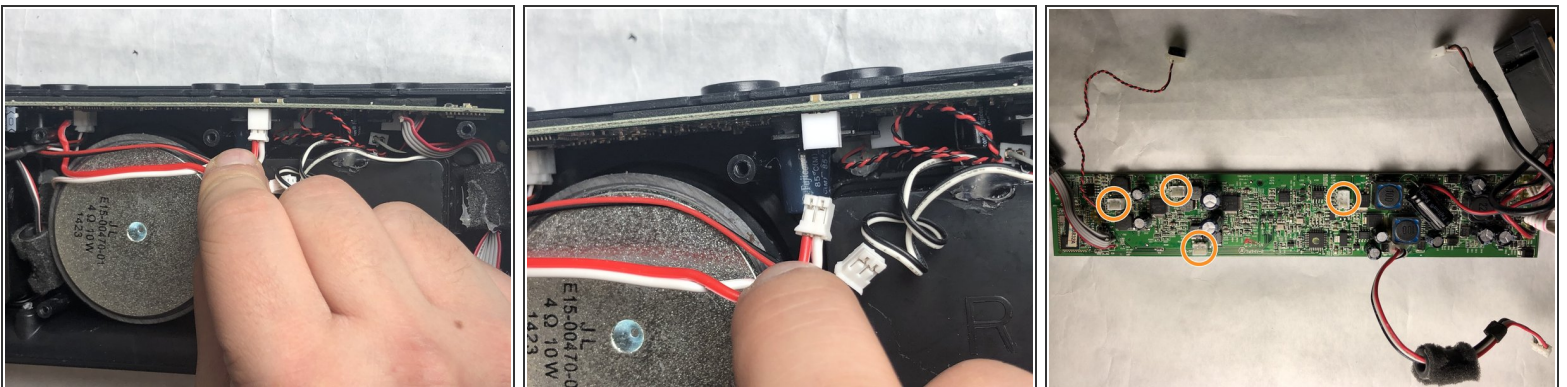
- On the backside of the device, unscrew the case screws with a J00 screwdriver.
  - ⓘ Only the screws on the backside are needed to hold the frame together, do not remove screws on the front.
- Once the screws are removed, separate the two frame pieces.

## Step 22



- i The following steps can be applied to either the left or the right speaker.
  - Use a J00 screwdriver to unscrew the four screws that secure the speaker.
  - i The speaker should fall out naturally. If the speaker is stuck, use a plastic opening tool or a metal spudger to gently lift it out.
  - Desolder the black and red speaker wires.
- i Review the [Desolder](#) guide if you are unfamiliar with soldering.

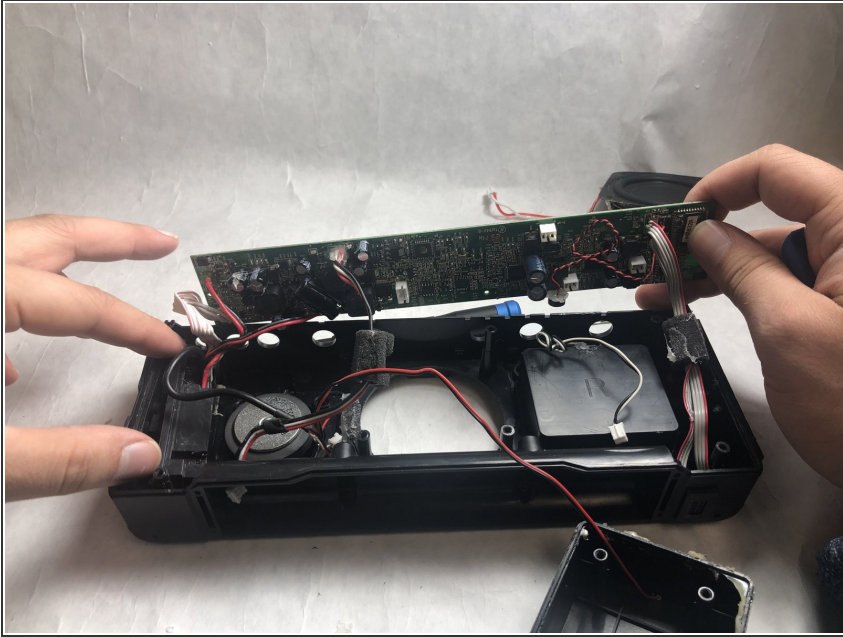
## Step 23 — Motherboard



- Carefully detach the 4 white rectangular clips from the motherboard.



## Step 24



- Carefully remove the motherboard from the device.

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