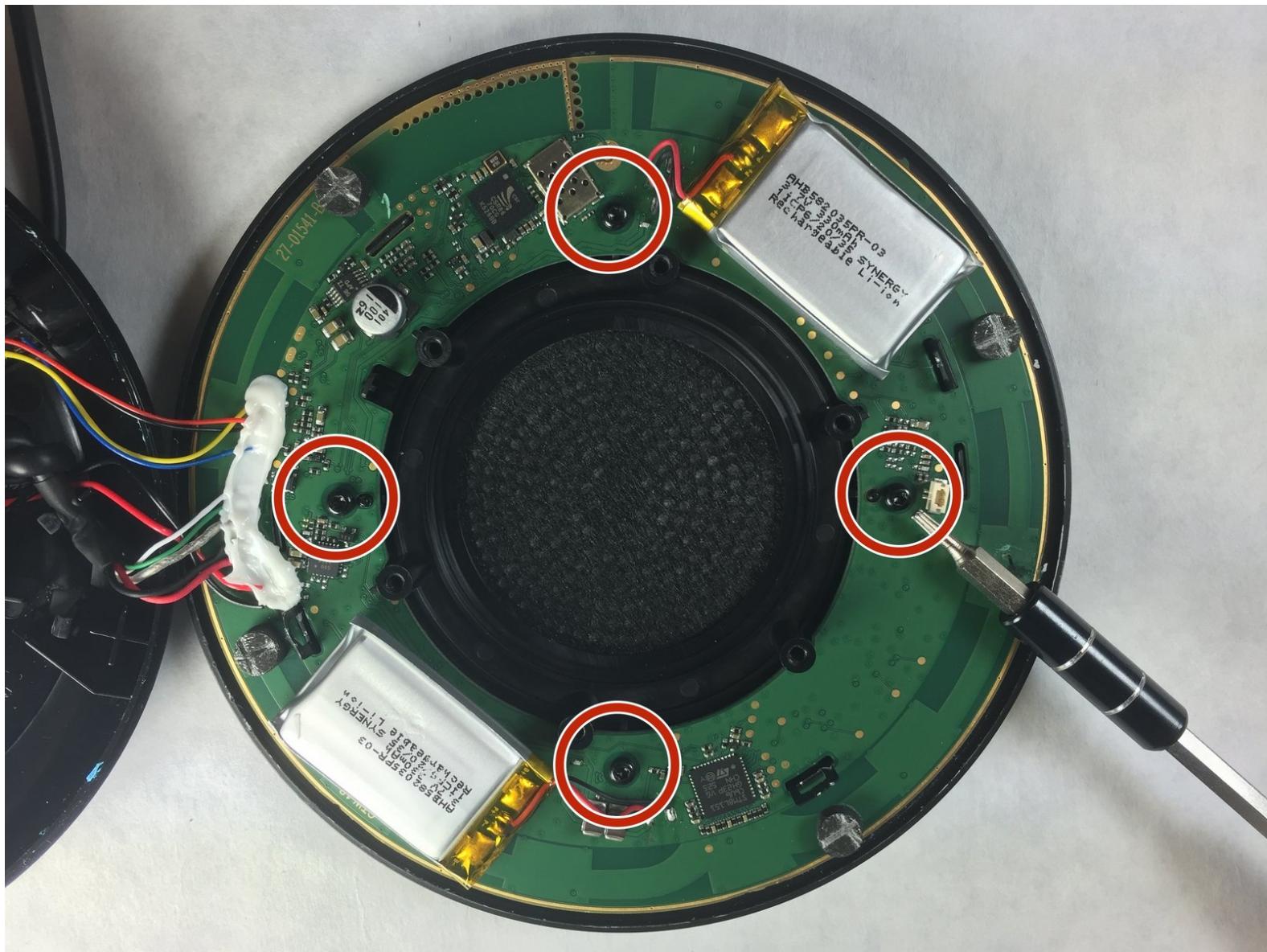




# Jabra Speak 510 Motherboard Replacement

Follow this guide to remove the motherboard from the Jabra Speak 510 for replacement. Do this if the buttons, lights, or bluetooth on the device are not functioning.

Written By: Jordan Murphy



## INTRODUCTION

If the lights on the board aren't working, the buttons on aren't responsive, or Bluetooth is no longer functioning correctly, you may need to replace the motherboard. This guide will give you step-by-step instructions on how to replace the motherboard on the Jabra Speak 510.

### TOOLS:

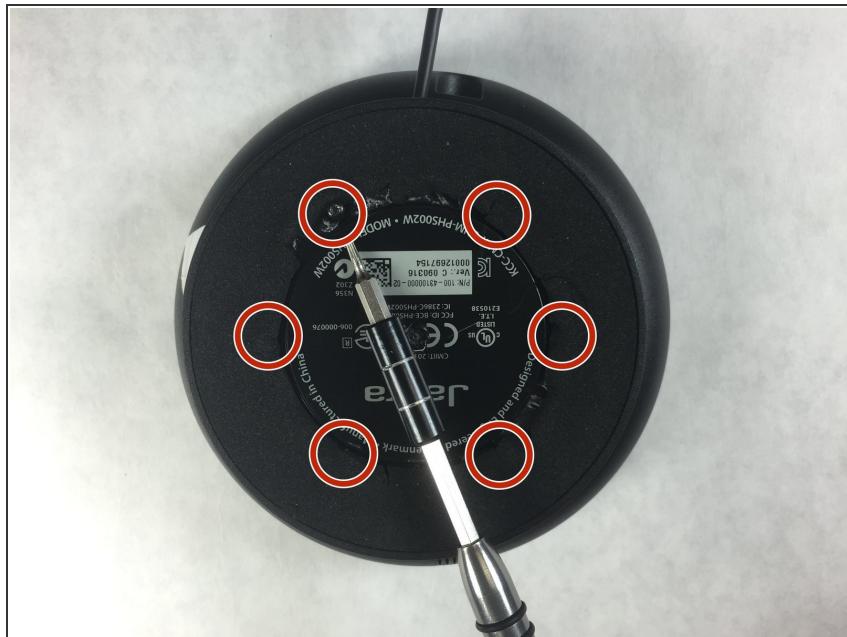
- [Metal Spudger Set \(1\)](#)
- [T6 Torx Screwdriver \(1\)](#)
- [Soldering Iron \(1\)](#)

## Step 1 — Outer Casing



- Using a metal spudger, peel back the foam pad on the bottom of the device to reveal six screws.

## Step 2



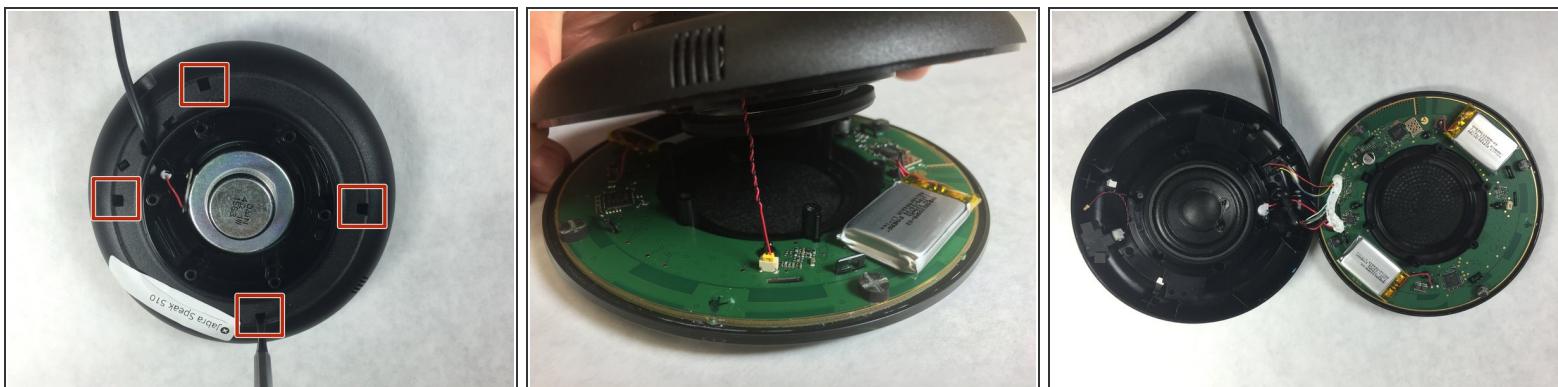
- Remove the six 20 mm T6 screws from the bottom of the device.

## Step 3



- Remove the back plate and the grey foam underneath.

## Step 4

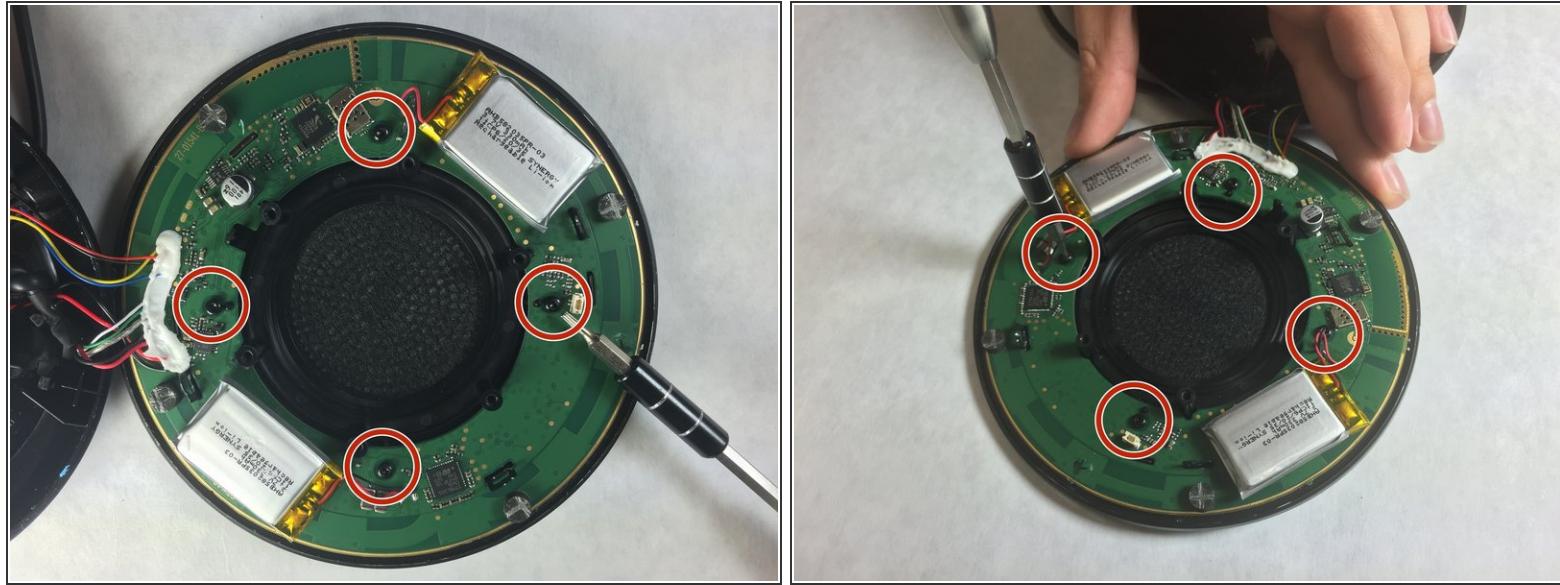


- Use a small, pointed metal spudger to release the plastic tabs connecting the faceplate to the bottom of the speaker.

**⚠** A small cable connects the faceplate to the device. Carefully disconnect the cable before fully opening the device.

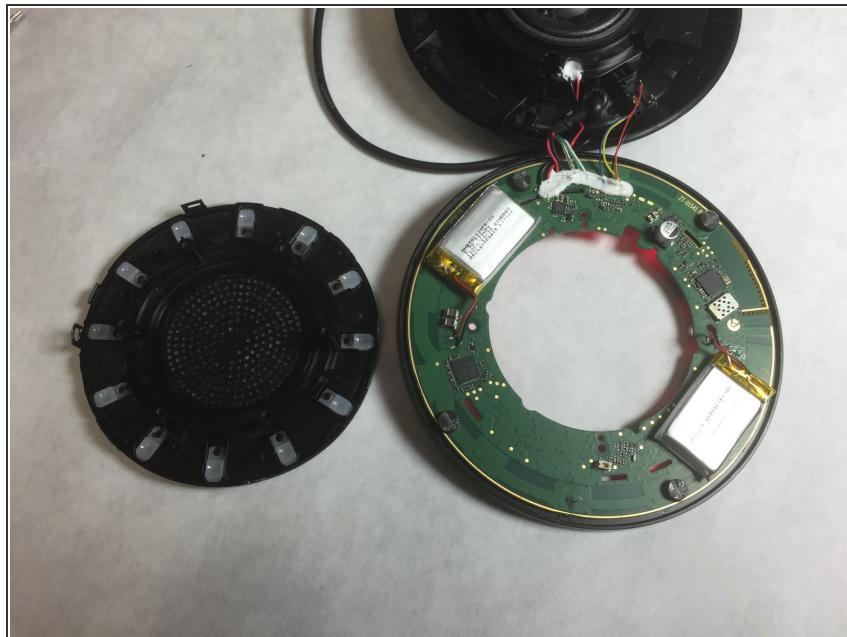
- Slowly flip the device open like a clam shell.
  - There are several wires soldered to the motherboard that prevent the faceplate from detaching completely.

## Step 5 — Motherboard



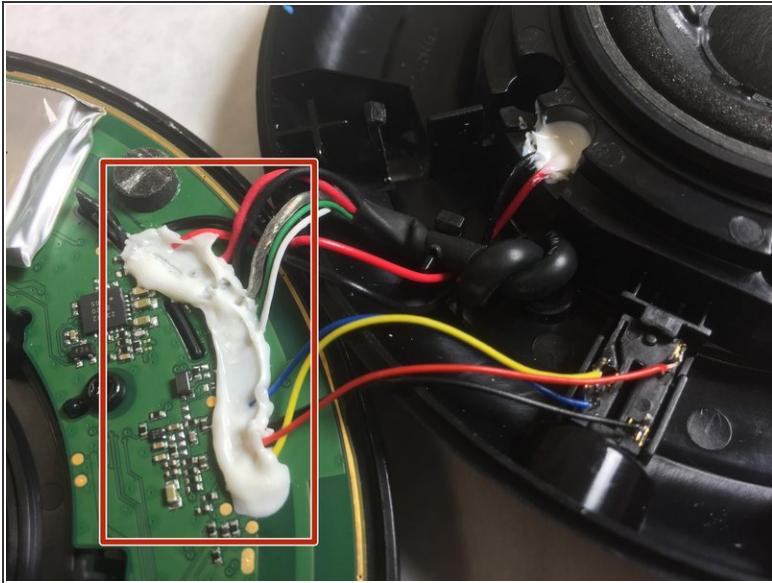
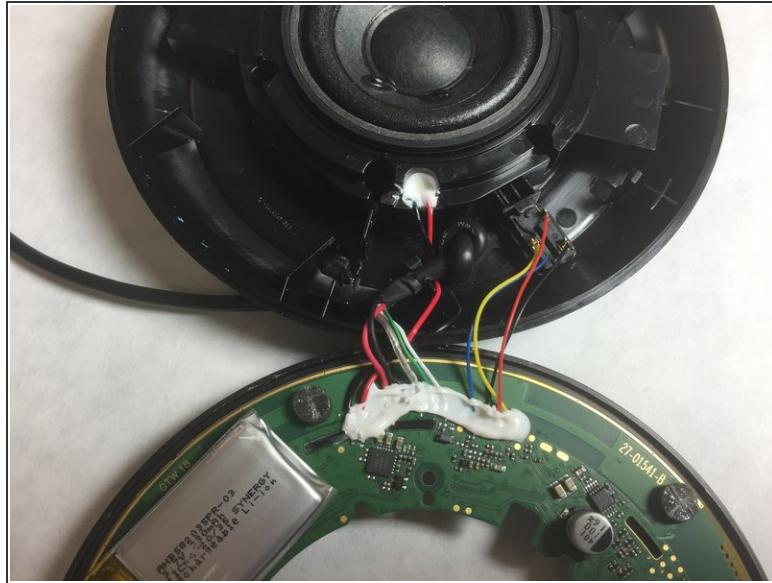
- Using the T6 Torx Screwdriver, remove the four (4mm) screws.

## Step 6



- After removing the screws, take out the center covering to free the motherboard by lifting the tabs and pulling it off.

## Step 7



- Peel off the white adhesive to desolder the connections underneath.
- Desolder the wires connected to the motherboard.

*(i)* You can find soldering tips in the [How To Solder and Desolder Connections](#) guide.

Keep track of where the wires are connected. When re-assembling you will have to connect the wires in the correct spot.

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