



Bem Wireless HL2739B Speaker Motherboard Replacement

This guide will help you replace the motherboard on your Bem Wireless HL2739B speaker.

Written By: Ryan McQueeney



INTRODUCTION

Is your speaker not working but still holding a charge? It's probably your motherboard. Follow this guide to replace it.

TOOLS:

- [Metal Spudger \(1\)](#)
- [Tweezers \(1\)](#)

Flat

- [iFixit Opening Tools \(1\)](#)
- [J1 Screwdriver Bit \(1\)](#)

Step 1 — Speaker Battery



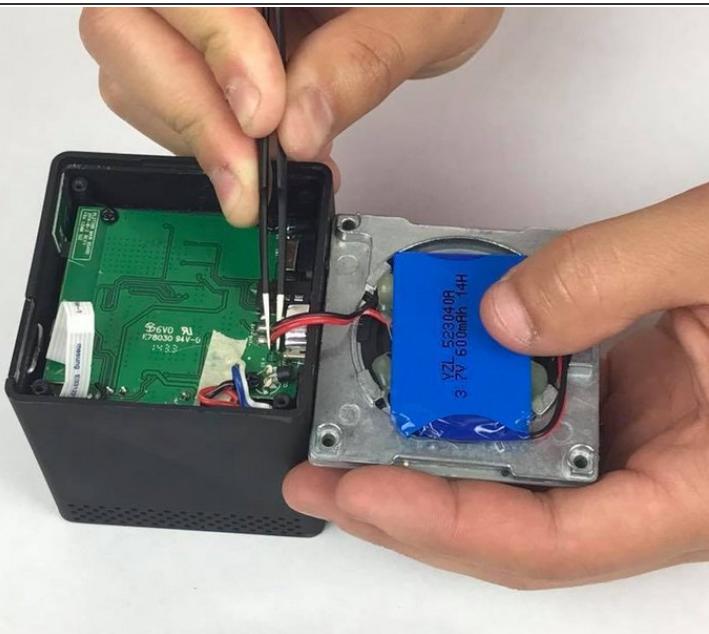
- Peel the rubber cover back from the corner of the speaker to reveal the screw.
- Repeat for the three remaining corners.

Step 2



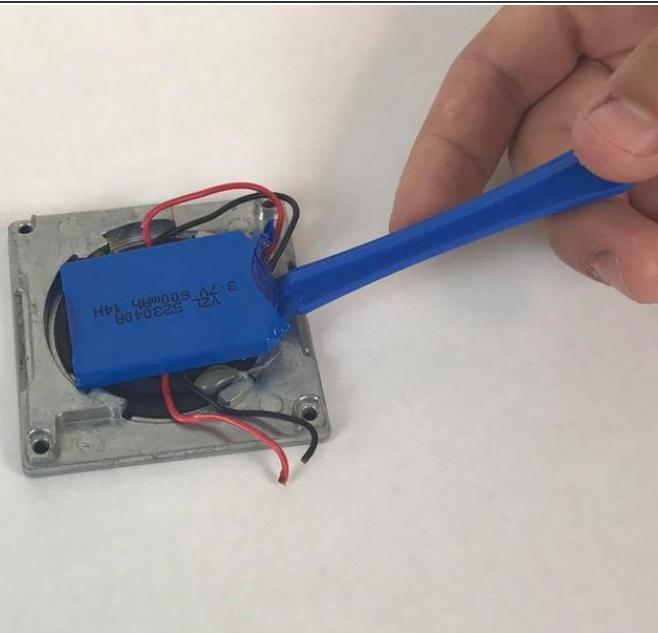
- Use the J1 bit attached to the screwdriver to remove the four 10mm screws from the bottom of the speaker.

Step 3



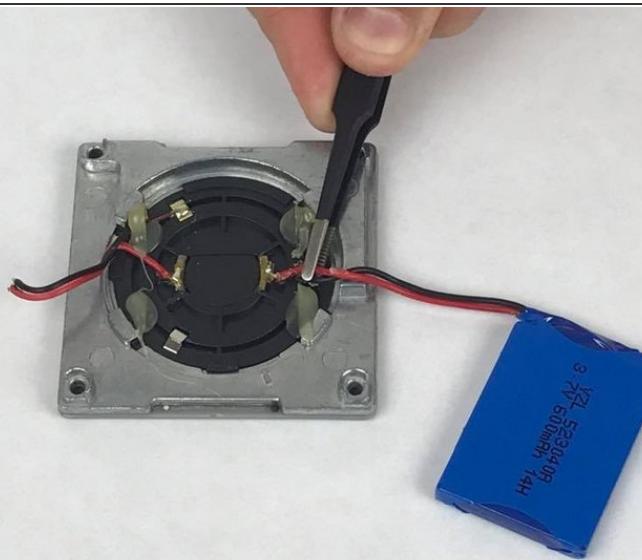
- Lift the bottom cover away from the rest of the speaker.
- ⚠ There are wires connecting the battery and cover to the rest of the speaker. Be careful when removing the base cover.
- Using the tweezers, pull the wires from the speaker's internal chip.
- ⚠ Be careful not to damage the chip when you remove the wires.
- ⓘ It will likely require soldering to reassemble the speaker after this step.

Step 4



- Using a plastic opening tool, gently pry the battery from the metal base.

Step 5



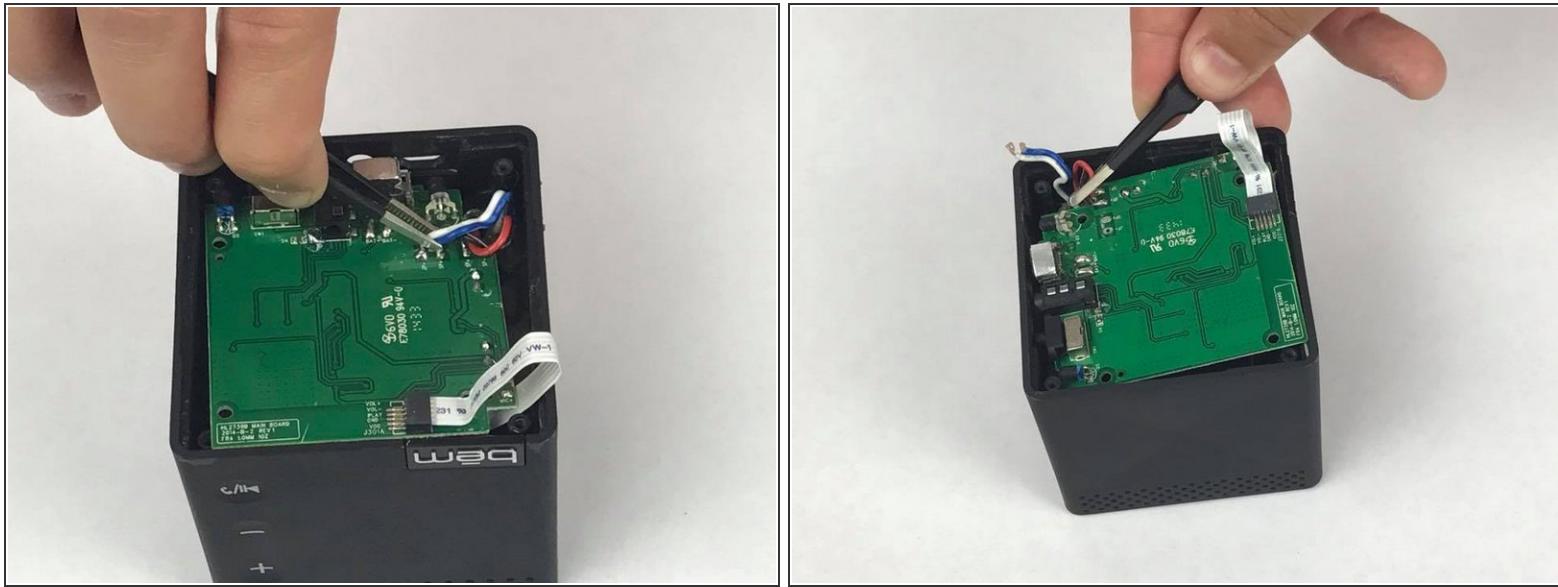
- Using tweezers, pull the wires from the metal base connection.

Step 6 — Speaker Motherboard



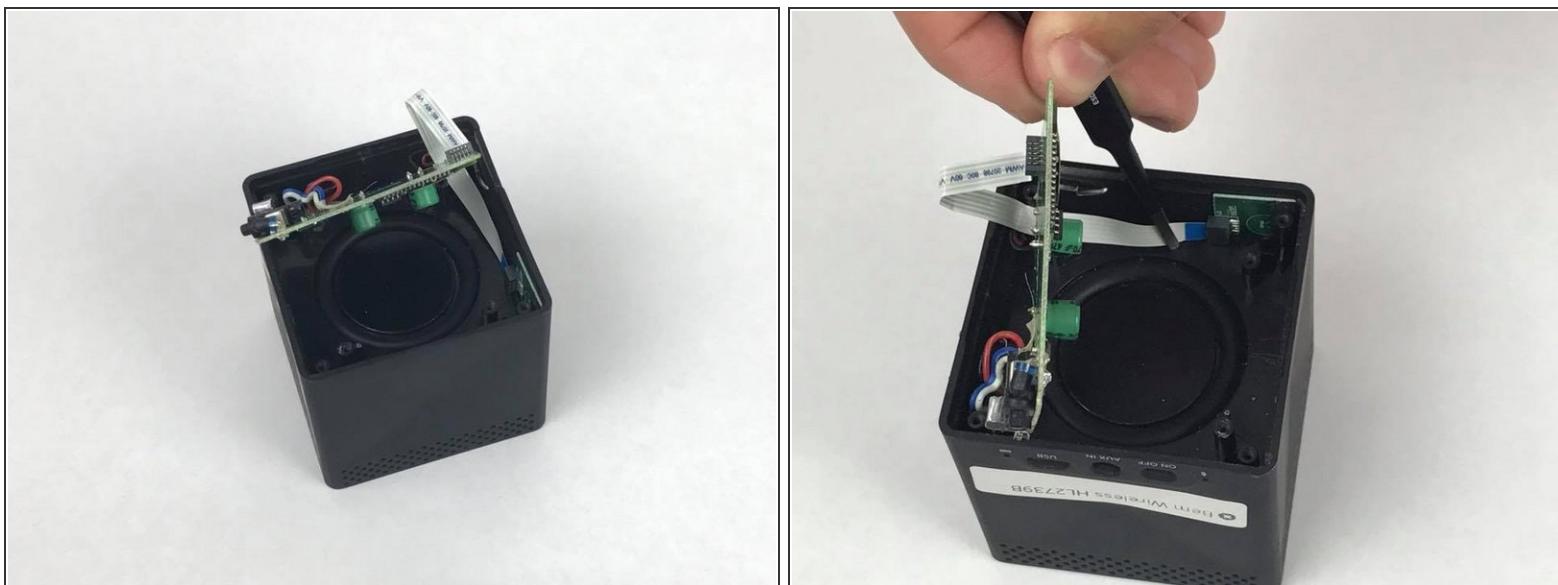
- Unscrew the four 10mm screws from the motherboard.

Step 7



- Using tweezers, remove the blue/white and red/black wires from motherboard.

Step 8



! Gently re-position the motherboard so you can access the bus wire connected to the speaker.

- Remove bus wire from the speaker and lift out the motherboard.

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