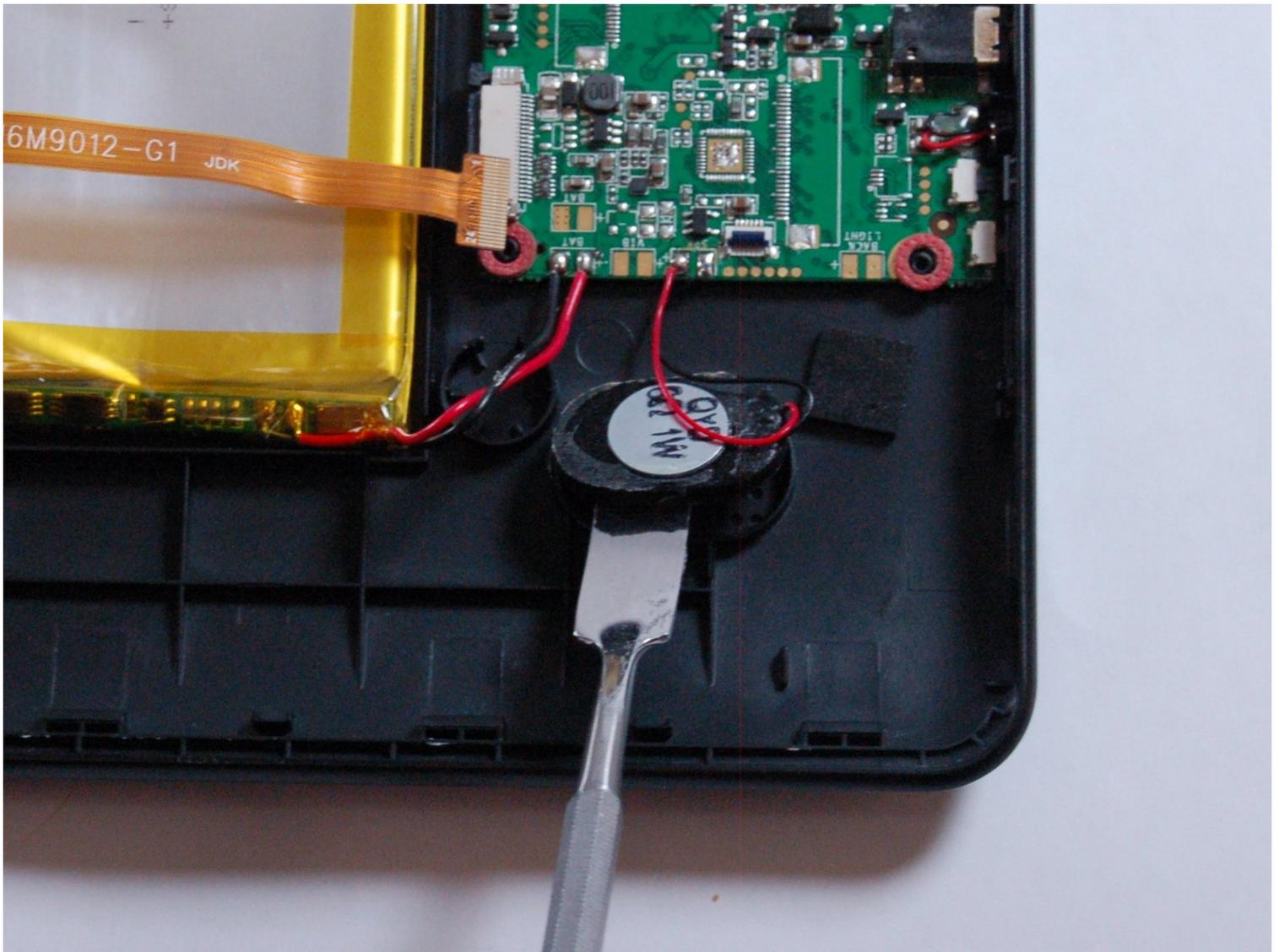


Supersonic Matrix SC-91MID Speakers Replacement

This guide demonstrates how to access the...

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INTRODUCTION

This guide demonstrates how to access the Supersonic Matrix SC-91MID tablet speakers, as well as how to remove and replace them. Replacing the tablet's speakers may be necessary due to a variety of reasons due to age, water damage, or a failed wire connection, for example.

Before proceeding with this guide, make sure that the tablet is completely shut down. Also refer to this guide [How To Solder and Desolder Connections](#) to learn how to solder and desolder connections.

Caution:

When soldering and desoldering, wear the appropriate safety gear such as goggles and long sleeves, as solder can "spit" due to heat build up.

DO NOT TOUCH THE SOLDERING IRON!

If the soldering iron is too hot, you could damage the connectors and the device.

TOOLS:

[iFixit Opening Picks \(Set of 6\)](#) (1)

[Tweezers](#) (1)

[Spudger](#) (1)

[iFixit Opening Tool](#) (1)

[Safety Glasses](#) (1)

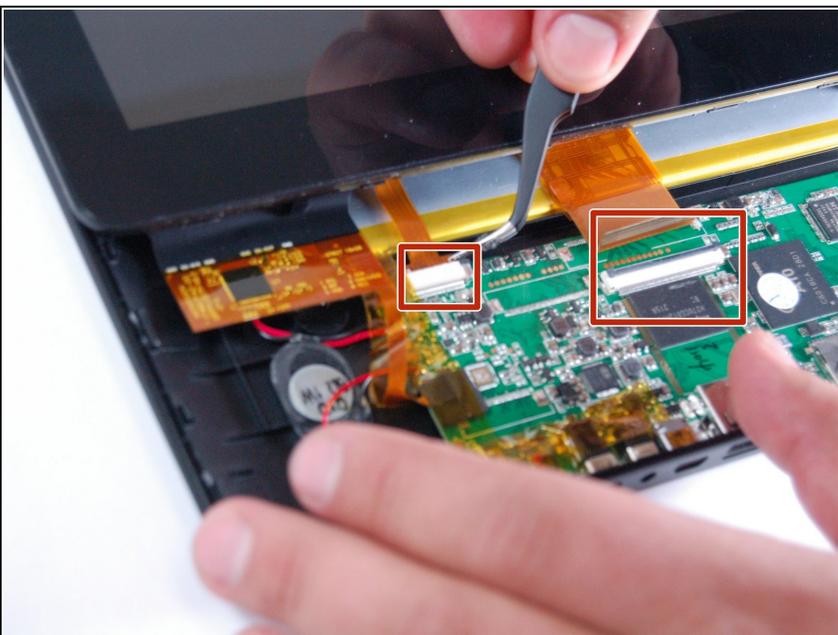
[Soldering Workstation](#) (1)

Step 1 — Back cover



- Use an opening tool to separate the back cover of the tablet by wedging the tool into the crease between the back cover and touchscreen.
- Work your way around the perimeter of the tablet to detach the back cover and remove it carefully so you don't rip any cables attached.

Step 2



- Use a spudger to carefully disconnect the display ribbons from the motherboard.

Step 3

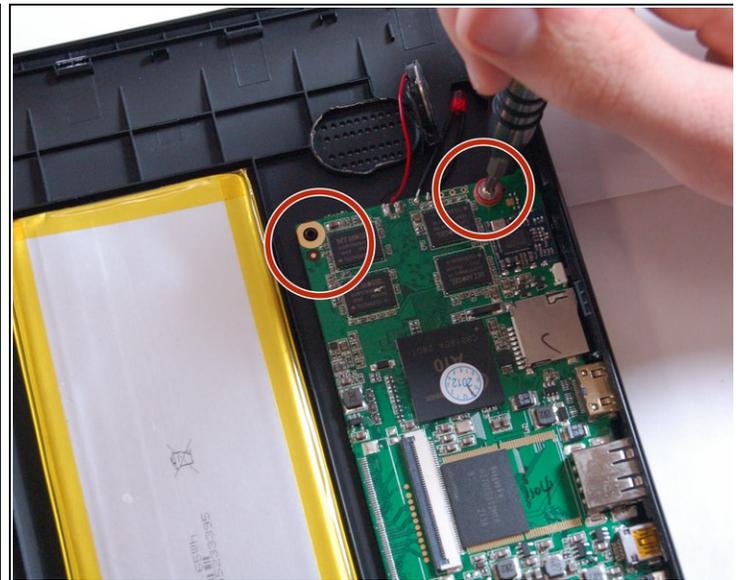
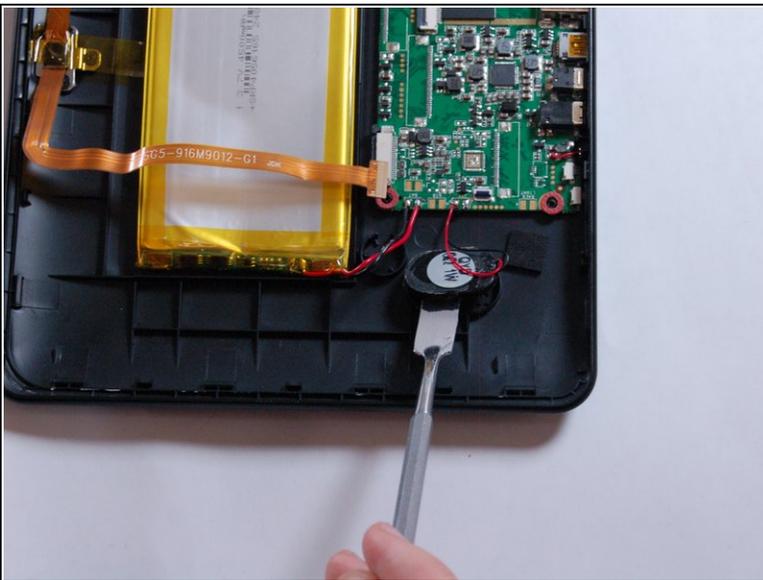


- To remove the battery, use the spudger to pry the battery up and away from the tablet.

i You might have some difficulty removing due to glue holding the battery in place.

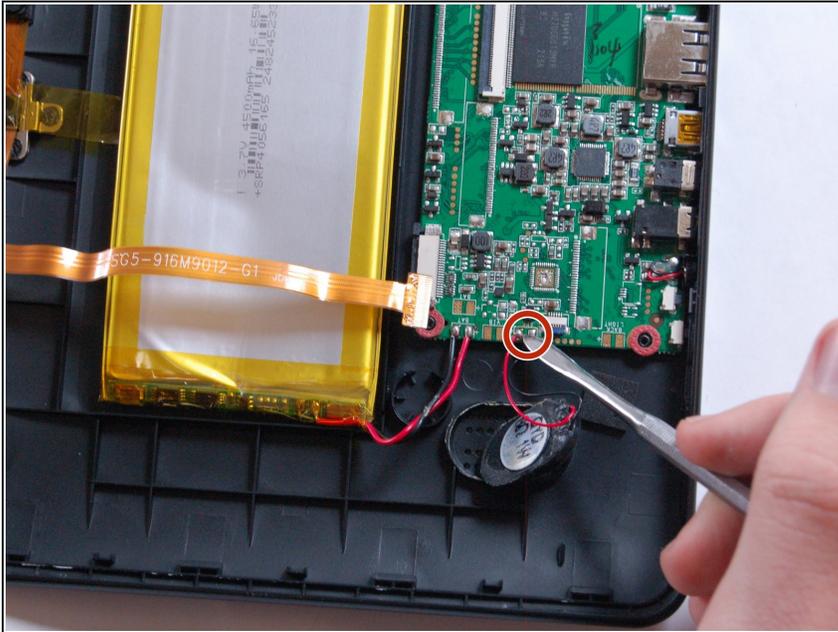
! Work your way around the perimeter of the battery with the spudger or opening picks gently so you don't bend or puncture the battery.

Step 4



- Use a spudger to remove the speakers.
- To remove the motherboard, remove the three screws that hold the board in place with a Phillips screwdriver.

Step 5 — Speakers



- Desolder the four speaker wires connecting the speaker to the motherboard using a soldering station.

ⓘ If you're unfamiliar with soldering or desoldering check out this guide [How To Solder and Desolder Connections](#)

⚠ Be sure to wear protective eye wear. Also, keep in mind that the soldering iron will become extremely hot.

ⓘ The tool in the picture is not required for this step. It is just being used to point out the wires.

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