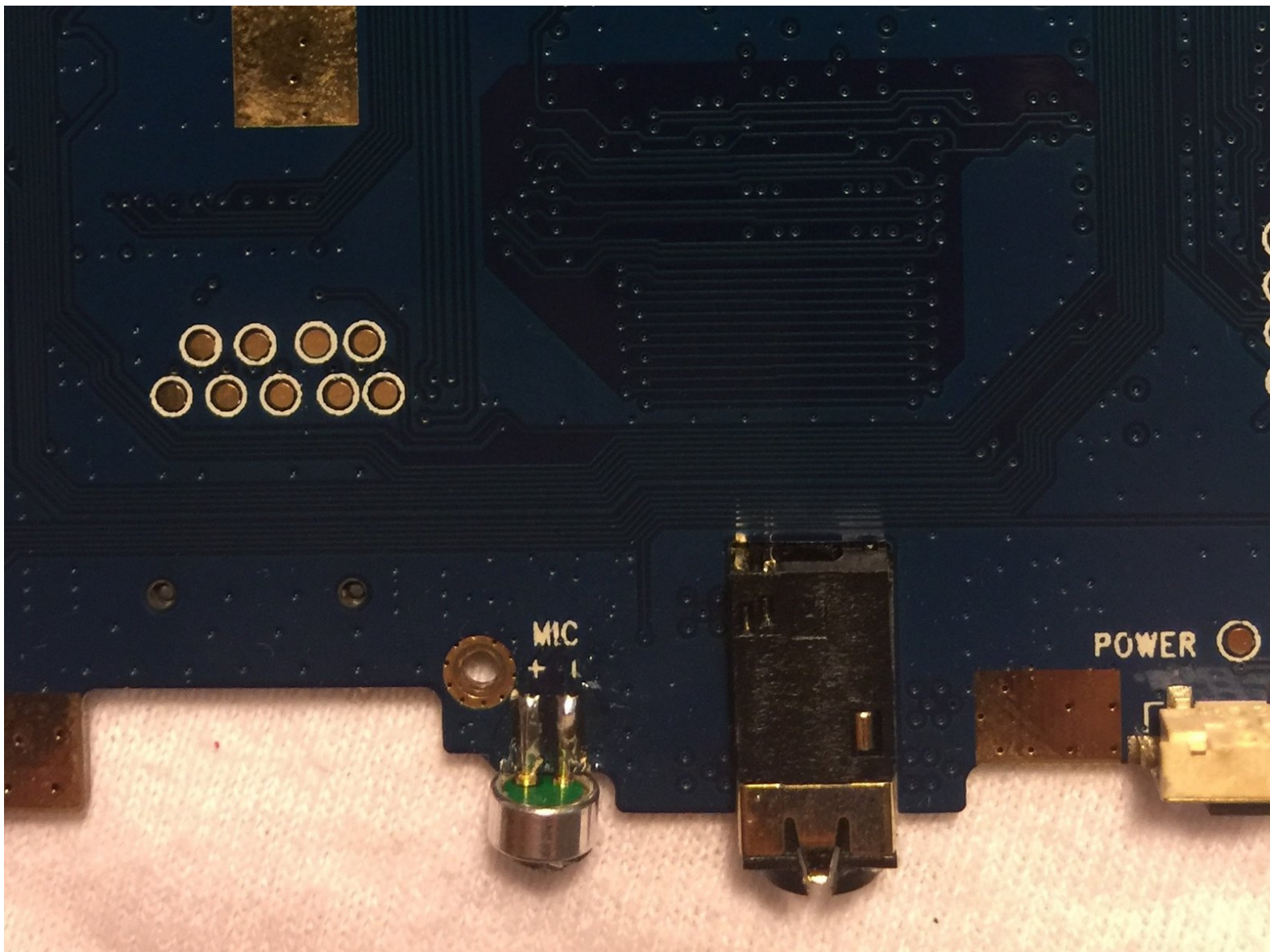




Mid F900 Microphone Replacement

Replace a dying or dead microphone within your device

Written By: Matthew Oliva



INTRODUCTION

This is a guide to replace the microphone in the device. Make sure to follow all the steps correctly and handle with care.



TOOLS:

- [JIS Driver Set](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Soldering Iron](#) (1)
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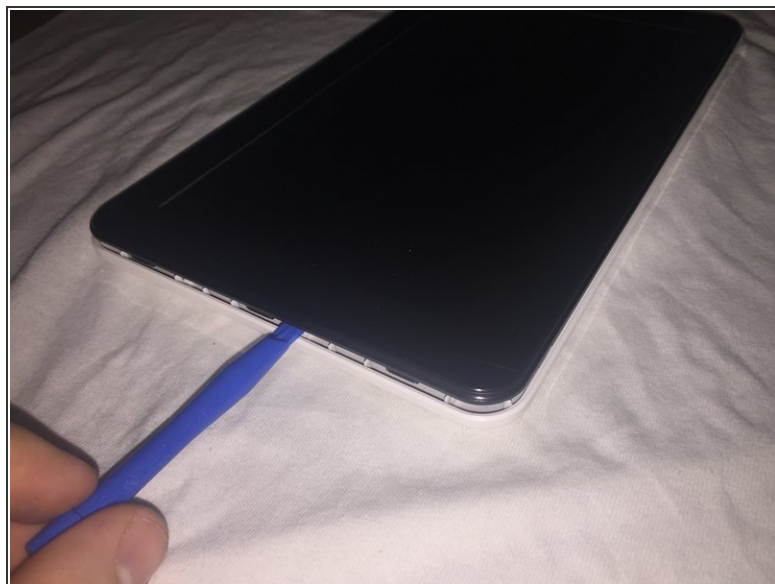
Step 1 — Back Cover



- Using a J00 Phillips-head screwdriver, remove the two screws located at the bottom of the device.

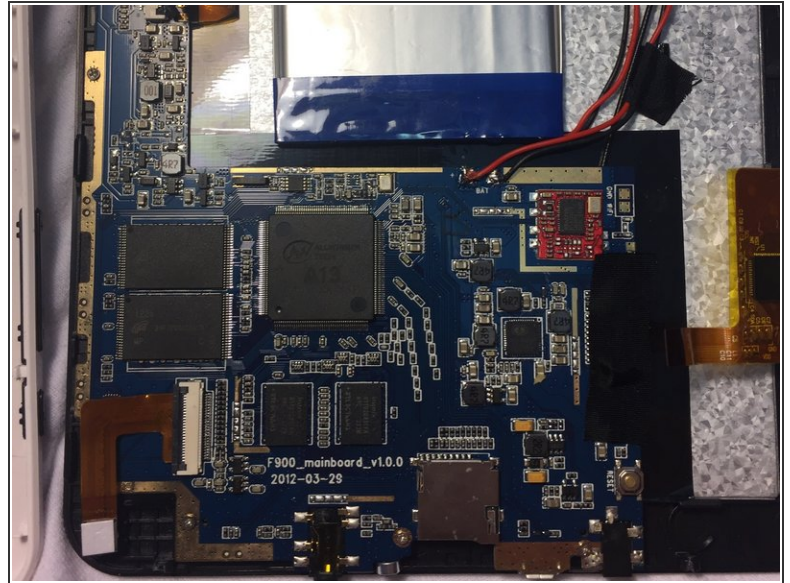
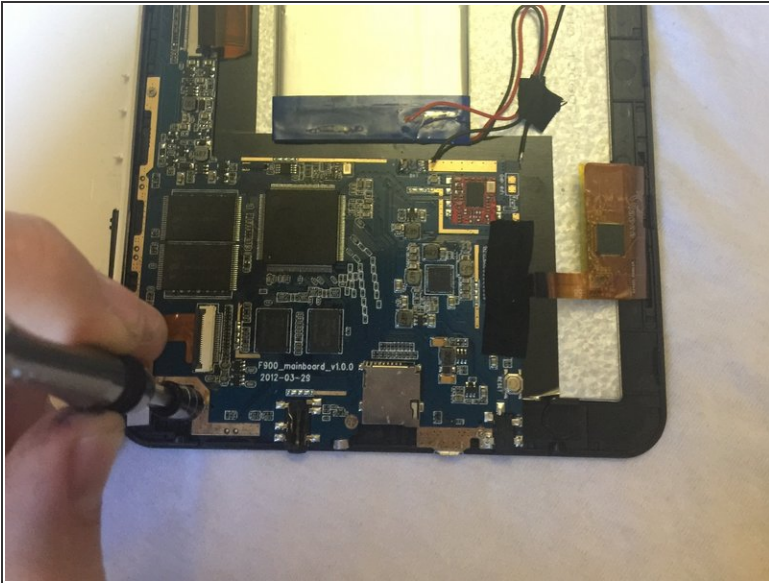
ⓘ Screws are 5mm x 1mm in size.

Step 2



- Use the plastic opening tool to pry off the white back-plate of the device.

Step 3 — Motherboard



- Using a +00 Phillips head screwdriver, remove the screws securing the motherboard to the device housing.

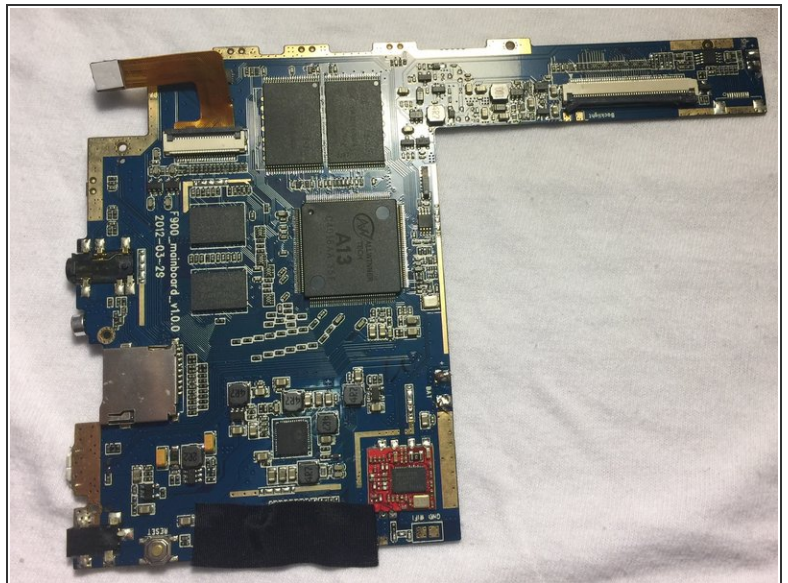
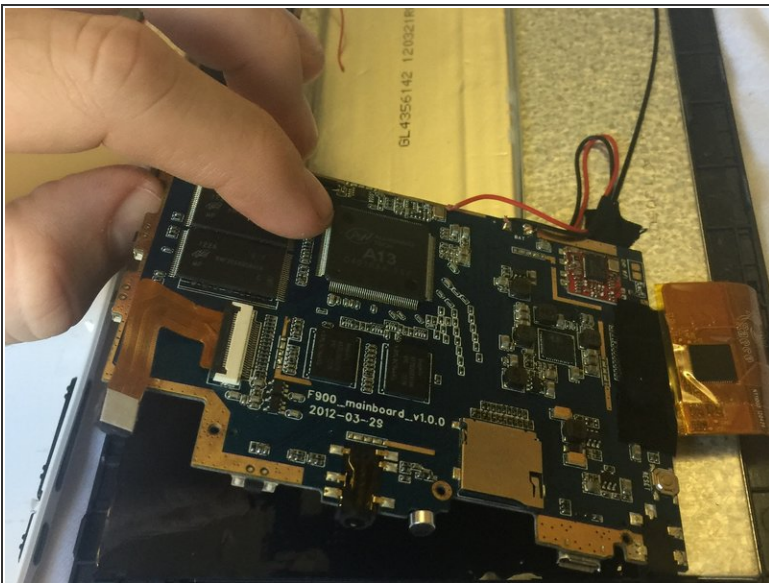
ⓘ Screws are 4mm x 1mm in size.

Step 4



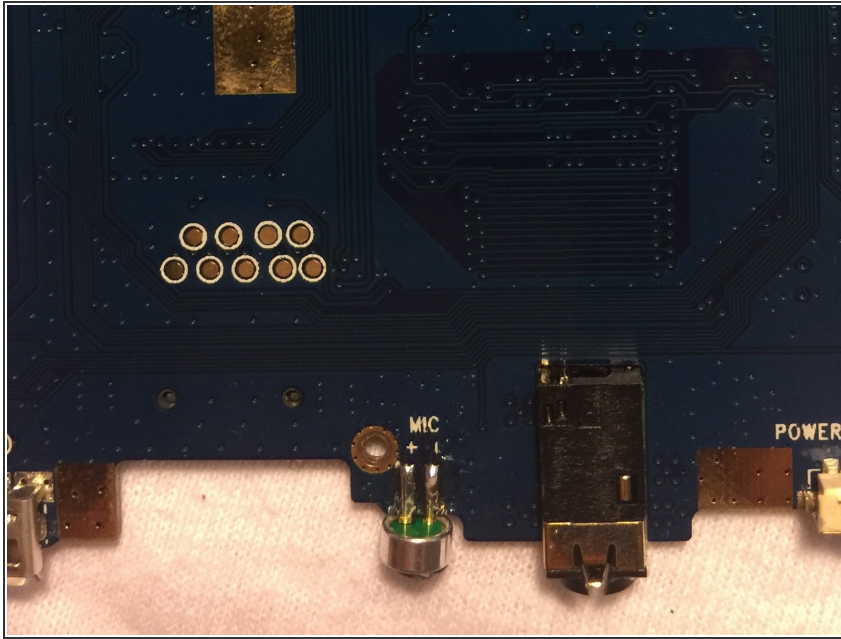
- Desolder the two black and red wires connected to the motherboard.
- Unclip and remove the ribbon cables attached to the motherboard.
- ⓘ For soldering help, use the [How to Solder and Desolder Connections](#) guide.

Step 5



- Carefully lift and remove the motherboard from the device housing.

Step 6 — Microphone



- Flip the motherboard over to bring the underside into view.
 - Find and desolder the microphone near the bottom of the motherboard and remove it.
 - Solder the new microphone in its place.
- ⓘ For soldering help, check out the [How to Solder and Desolder Connections](#) guide.

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