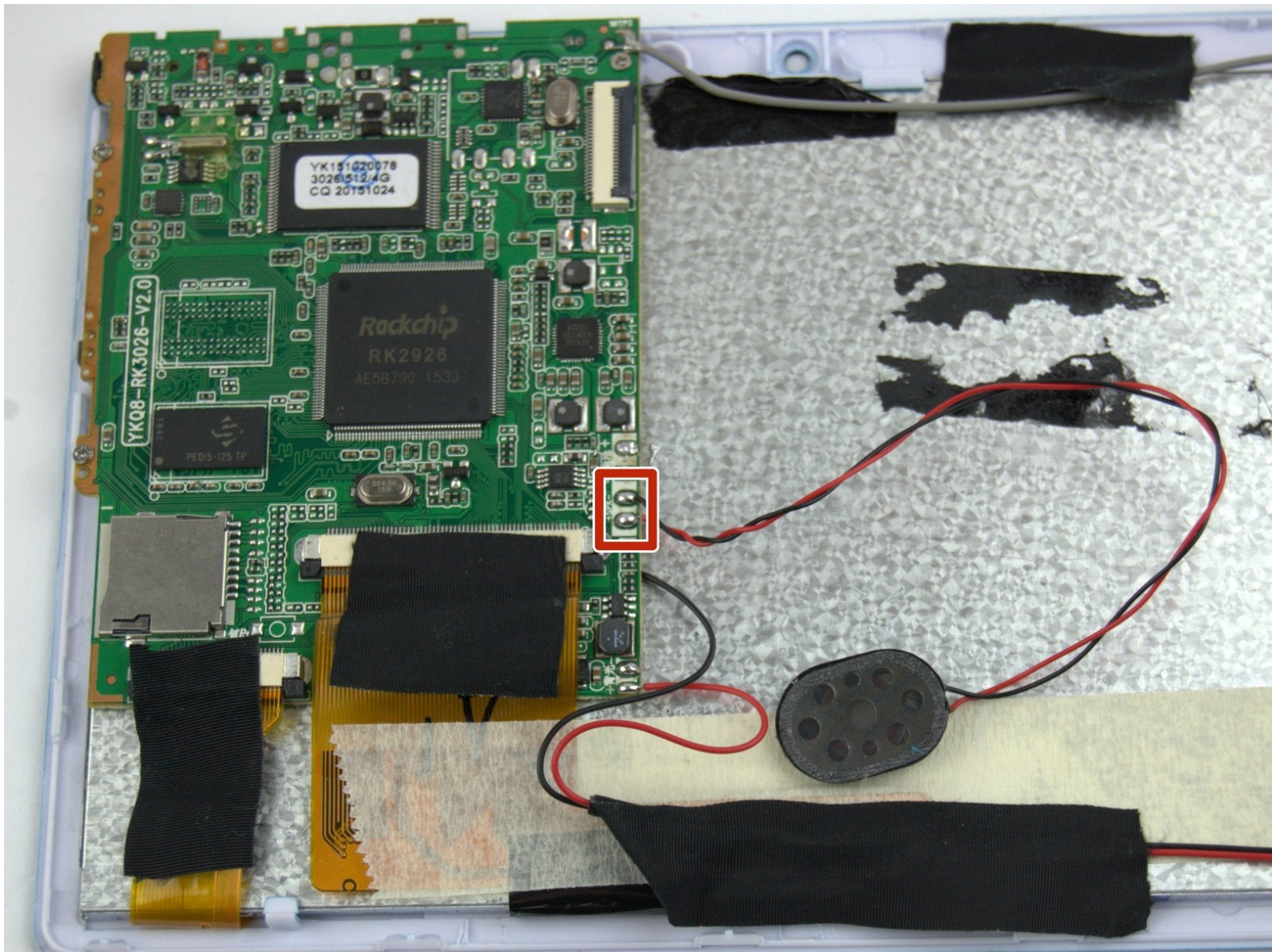




Orbo Jr. Speaker Replacement

Replace the defective speaker.

Written By: Ryan Christman



INTRODUCTION

This guide will walk you through replacing the speaker. Be careful as this guide will have you using the solder iron. You may need this guide if the Orbo Jr. speaker has crackling noises or no noise is coming from the speaker.



TOOLS:

- [Heavy-Duty Spudger](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Portable Soldering Iron](#) (1)
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Step 1 — Battery




- Use your thumbs to gently pry the silicon case away from the tablet starting at one of the corners. Once the first corner is separated the other three corners should slip off easily.

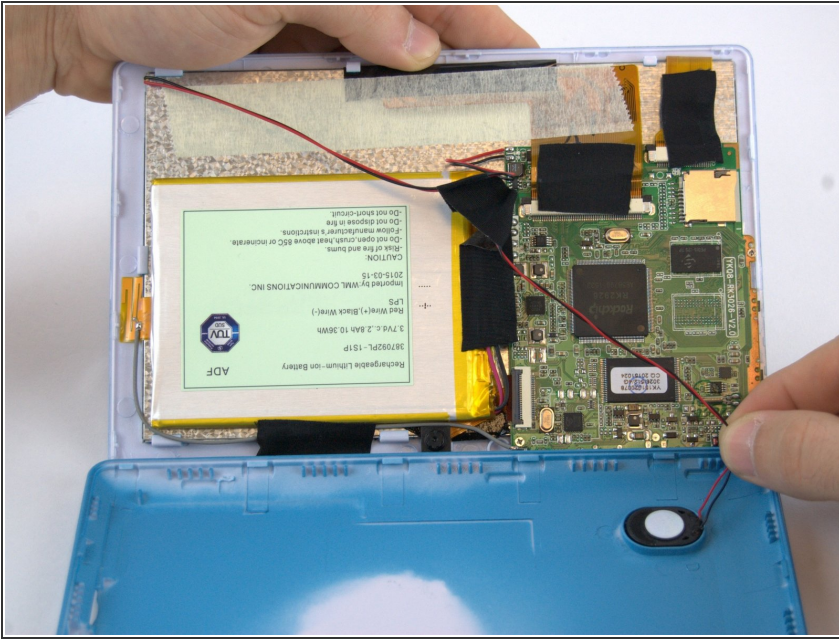
Step 2



- Use the plastic opening tool to pry the back off the tablet. Work your way around the edges. Once you have one side open you can slowly unsnap the rest of the case and use the tool as needed.

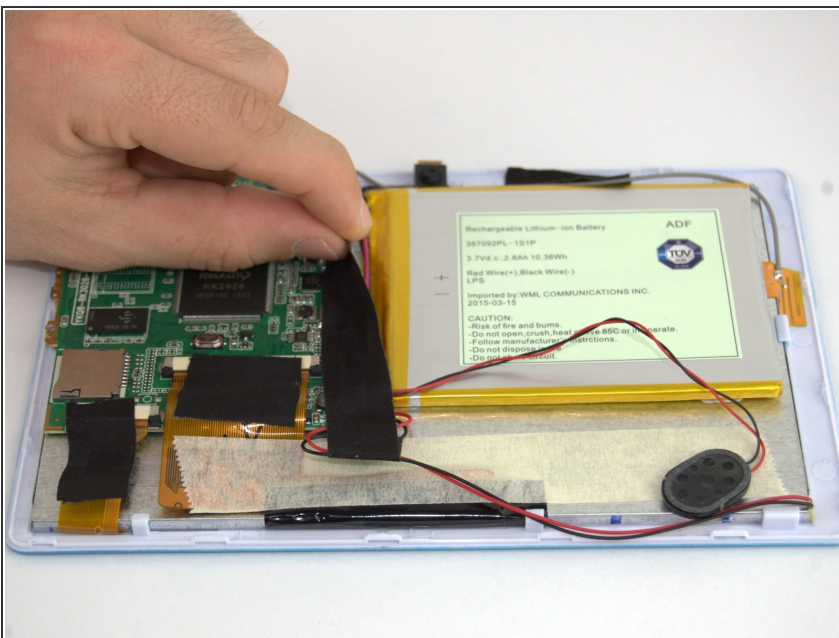
 Go slowly when you pry the back off to ensure you do not crack the case or damage the screen.

Step 3



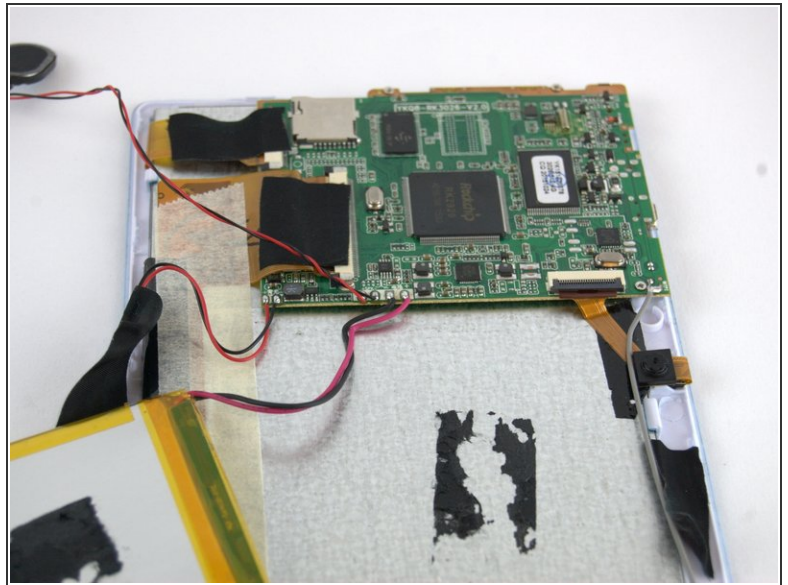
- Gently pull the cables attached to the speaker to remove it from the back cover.
- ⚠ The speaker is taped in the back cover and caution should be used when pulling on the wires.

Step 4



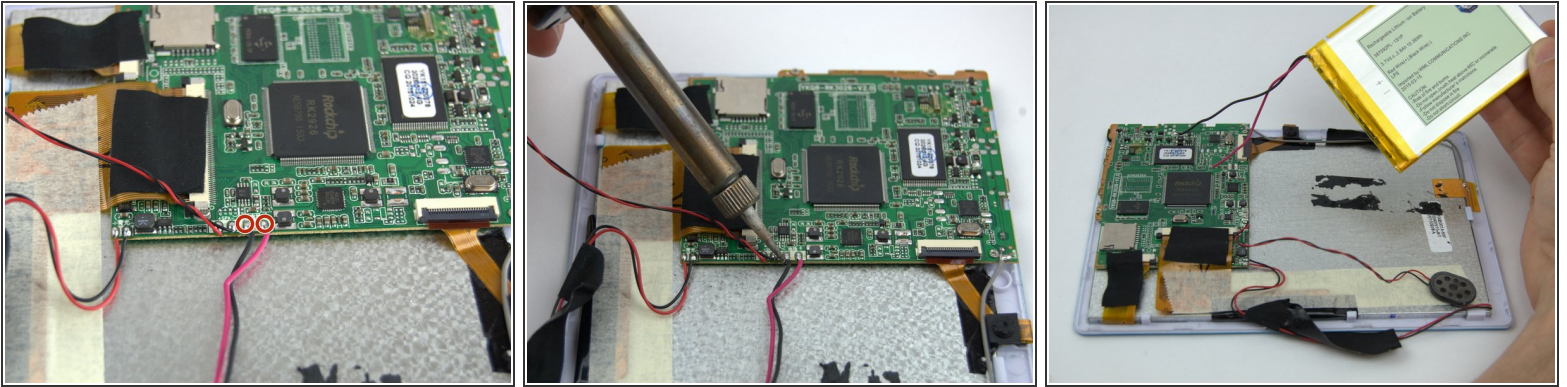
- Pull back the tape to expose the wires that are attached to the battery.

Step 5



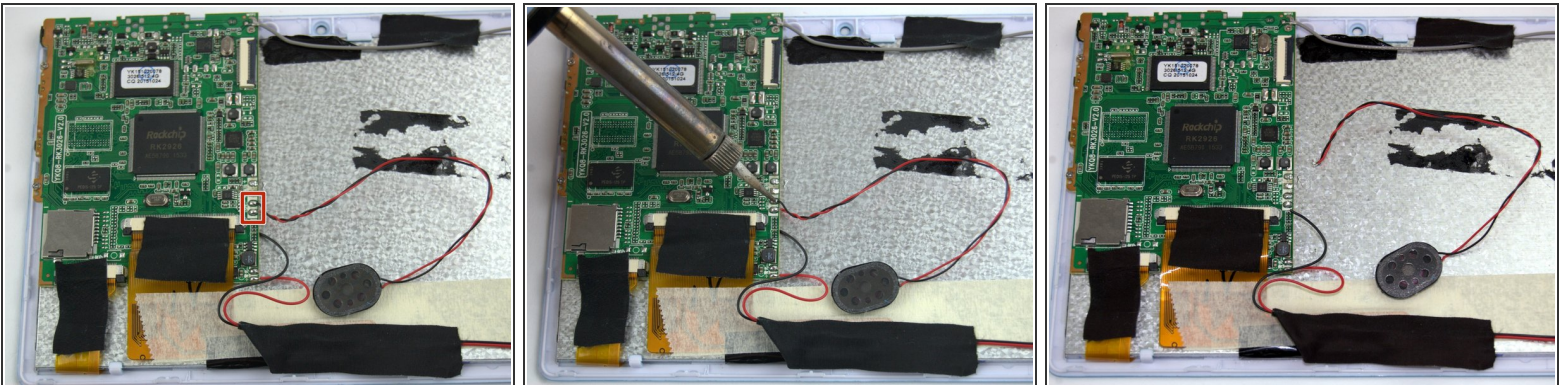
- ⚠ Do not attempt to fully remove the battery. It is still connected to the motherboard by two wires.
- Use a nylon spudger to lift the battery from the right side of the device. Slowly remove the adhesive below the battery.
- ⚠ To avoid damage to device and battery, do not attempt to remove the battery until adhesive is completely detached.

Step 6



- Desolder the battery wires from the positive and negative connection to the motherboard. Check out iFixit's [How to Solder and Desolder Connections](#) guide for soldering help.
 - Positive and Negative battery terminals.
- ⚠ Be careful to not make contact to other components on the motherboard while using the soldering iron.

Step 7 — Speaker



- Unsolder the positive and negative speaker wires from the connection on the motherboard.
 - Positive and Negative battery terminals.
- ⚠ Be careful to not make contact to other components on the motherboard while using the solder iron.

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

